11075 Walden Avenue

ALDEN, NEW YORK

Final Engineering Report

NYSDEC Site Number: C915333

Prepared for:

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(formerly named Doritex Corp.)
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JULY 2025

CERTIFICATIONS

I, Daniel P. Noll, certify that I am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Alternatives Analysis was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10), and I certify that all activities implemented as part of the Interim Remedial Measures were performed in full accordance with the Department-approved Work Plans and any Department-approved modifications.

I certify that I had primary direct responsibility for implementation of the subject construction program, and I certify that all construction activities were completed in substantial conformance with the Department-approved Work Plans, and I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the IRM Work Plan and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established for the remedy.

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant ECL 71-3605 and that any affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by the Department.

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

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

081996	7/21/2025	
NYS Professional Engineer #	Date	Signature

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LIST OF ACRONYMS

Acronym	Definition
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
c12-DCE	1,2-Dichloroethene
CAMP	Community Air Monitoring Plan
CFR	Code of Federal Regulations
CVOC	Chlorinated Volatile Organic Compound
DER	Division of Environmental Remediation
DER-10	DER-10 Technical Guidance for Site Investigation and Remediation
EC	Engineering Control
FER	Final Engineering Report
EWP	Excavation Work Plan
HASP	Health and Safety Plan
IC	Institutional Control
IGTP	In-Situ Groundwater Treatment Plan
IRMWP	Interim Remedial Measures Work Plan
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
OSHA	Occupational Safety and Health Administration
PCE	Tetrachloroethylene
PID	Photoionization Detector
ppb	Parts Per Billion
ppm	Part Per Million
PRAP	Proposed Remedial Action Plan
PRB	Permeable Reactive Barrier
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
RAO	Remedial Action Objective
RCRA	Resource Conservation and Recovery Act
RWP	Remedial Work Plan
RI	Remedial Investigation
ROD	Record of Decision
SCG	Standards, Criteria and Guidance
SCOs	Soil Cleanup Objectives
SSDS	Sub-Slab Depressurization System
SSHO	Site Safety and Health Officer
SVOC	Semi-Volatile Organic Compounds
SMP	Site Management Plan
TAGM	Technical Assistance and Guidance Memorandum

TCE	Trichloroethylene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
USEPA	United States Environmental Protection Agency
VC	Vinyl Chloride
VOC	Volatile Organic Compound

FINAL ENGINEERING REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

Walden Realty Limited Partnership and J&M Walden Holdings Corp. (formerly known as Doritex Corp.) entered into a BCA with the NYSDEC on January 19, 2018 to remediate a 2.94-acre property located at 11075 Walden Avenue, Town of Alden, Erie County, New York (see Figure 1), hereinafter referred to as the "Site". The Site was remediated in accordance with a series of IRMWPs approved by the NYSDEC.

The Site consists of one tax parcel identified as SBL #96.00-4-6.2. Site features include one, single-story 34,858 square foot commercial building (Site Building) located on the central portion of the Site. Although the Site Building was vacant upon entrance of the Site into the BCP, and remained vacant during the majority of BCP remedial program activities, the south portion of the Site Building is now occupied by a truck repair operation which began in 2021. The exterior of the Site includes green space to the north, west, and south of the Site Building, and asphalt-paved parking areas to the east and south of the Site Building. Adjacent properties include undeveloped land located west and south of the Site facing Commerce Drive (although the Site is legally addressed 11075 Walden Avenue), commercial buildings located east beyond Commerce Drive legally addressed as 11155 Walden Avenue and 2885 Commerce Drive, commercial buildings located north beyond Walden Avenue legally addressed as 11112 Walden Avenue, and a residence located north across Walden Avenue legally addressed as 11118 Walden Avenue. It should be noted that the Site obtains potable water from the municipal water system. The boundaries of the Site are fully described in Appendix A: Survey Map, Metes and Bounds.

An electronic copy of this FER with all supporting documentation is included as Appendix B.

2.0 SUMMARY OF SITE REMEDY

2.1 Remedial Action Objectives

The following RAOs were identified for this Site.

2.1.1 Groundwater RAOs

RAOs for Public Health Protection

- Prevent contact with, or inhalation of volatiles, from contaminated groundwater.

RAOs for Environmental Protection

- Remove the source of ground or surface water contamination.

2.1.2 Soil RAOs

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of or exposure from contaminants volatilizing from contaminants in soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

2.1.3 Soil Vapor RAO

RAOs for Public Health Protection

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

2.2 Description of Selected Remedy

The remedy for the Site was implemented through several IRMs. The approach for the NYSDEC approved IRMs are detailed within the IRMWP dated November 28, 2018, Supplemental IRMWP dated April 14, 2020, and Floor Coating and Post Construction Sampling IRMWP dated September 17, 2021. The results of the IRMs are detailed within the Interim Remedial Measures, Remedial Investigation, & Alternatives Analysis Report dated February 7, 2025. The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8(f). The following are the components of the selected remedy.

1. Excavation and off-site disposal to the extent feasible of accessible CVOC-impacted soil beneath the west-central portion of the Site Building (the reported location of the former dry-cleaning machine), i.e., the IRM Excavation. During the IRM Excavation, the remedial excavation was advanced to approximately 10 feet below the ground surface (ft bgs). Approximately, 218 tons of CVOC-impacted soil was removed from the IRM Excavation and transported for proper off-site disposal.
2. Injection of a mixture of Anaerobic BioChem and Zero Valent Iron slurry (ABC+) to provide enhanced reductive dechlorination of the residual subsurface CVOC constituents beneath the IRM Excavation and proximate to MW-12 along the west exterior of the Site Building adjacent to the location of the former dry-cleaning machine.
3. Installation and operation of an active SSDS within the existing Site Building.
4. Removal, replacement, and maintenance of approximately 3,100 square feet (ft^2) of the existing damaged epoxy floor covering within the north portion of the Central Warehouse and Utility Room, and wetting of the p-traps in existing sinks, toilets and drain lines.
5. Removal of the vent and permanent closure of the opening between the Utility Room and the adjacent Office Kitchen/Breakroom located within the office portion of the Site Building.
6. As only one documentation soil sample collected at Floor 1 exhibited a PCE concentration of 170,000 µg/kg and one soil sample collected as part of RI collected from soil boring SB-40 (15-16 ft bgs) exhibited PCE at a concentration of 310,000 micrograms per kilograms (µg/kg) exceeding the respective NYSDEC Part 375

Commercial-Use Soil Cleanup Objective of 150,000 µg/kg PCE, the replacement concrete interior floor slab installed at the completion of IRM Excavation must be maintained as the cover system.

7. Implementation of institutional controls including a SMP incorporating an Excavation Work Plan, a Soil & Groundwater Management Plan, a Soil Vapor Intrusion Evaluation Plan (for any new buildings), and an Engineering and Institutional Control certification through an Environmental Easement. The Environmental Easement restricts use of the Site to commercial / industrial applications and precludes groundwater use without treatment. The Environmental Easement runs with the land and includes the following:
    a. Site use will be restricted commercial or industrial use.
    b. The cover system will remain in place.
    c. The excavation work plan (EWP) appended to the SMP will be implemented for all future invasive activities at the Site.
    d. Groundwater monitoring will be required on an annual schedule as part of the SMP.
    e. The use of groundwater without treatment and New York State Department of Health or County Health Department approval will be prohibited.
    f. Annual certification of institutional and engineering controls.
8. Green remediation principles and techniques were implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation considerations are detailed below and are summarized within the Interim Remedial Measures, Remedial Investigation, & Alternatives Analysis Report dated February 7, 2025.
    a. Environmental impacts of treatment technologies and remedy stewardship over the long term.
    b. Reducing direct and indirect greenhouse gases and other emissions.
    c. Increasing energy efficiency and minimizing use of non-renewable energy.
    d. Conserving and efficiently managing resources and materials.
    e. Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste.
    f. Maximizing habitat value and creating habitat when possible.
    g. Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals.
    h. Integrating the remedy with the end use where possible and encouraging green and sustainable re-development.

3.0 INTERIM REMEDIAL MEASURES, OPERABLE UNITS AND REMEDIAL CONTRACTS

The remedy for this Site was implemented through implementation of multiple IRMs detailed within Section 3.1 below. No operable units were associated with the IRMs implemented for the Site.

3.1 Interim Remedial Measures

Interim Remedial Measures were completed in accordance with the following NYSDEC approved workplans.

- IRMWP dated November 28, 2018
- Supplemental IRMWP dated April 14, 2020
- Floor Coating and Post Construction Sampling IRMWP dated September 17, 2021.

Below is a summary of the IRMs implemented at the Site. It should be noted that IRM activities are set forth in detail within the Interim Remedial Measures, Remedial Investigation, & Alternatives Analysis Report dated February 7, 2025.

3.1.1 IRM Excavation

The objective of this IRM was to remove accessible CVOC-impacted soil from beneath the concrete slab in the west-central portion of the Site Building to eliminate the primary source of CVOCs contributing to impacted soil vapor, and to reduce partitioning of CVOCs from soil into groundwater, to the extent practicable.

Prior to advancement of the IRM Excavation, power was disconnected to the portion of the Site Building anticipated for excavation based on the presence of electrical lines running through the proposed IRM Excavation area. Then, the concrete floor was saw-cut and jack-hammered. Loose concrete was placed to the south of the Site Building for later off-site disposal. At the permission of the property owner, the electrical lines were cut and removed from the proposed excavation area. The IRM excavation was advanced between May 29 and June 5, 2019. The IRM Excavation consisted of a 1,176 square-foot area and was extended to a maximum depth of approximately 10 ft bgs beneath the previous dry cleaner machine location and four ft bgs in the remainder of the excavation. It should be noted that the presence of foundational components, specifically the Site Building footer located immediately adjacent the west limits of the IRM Excavation limited the vertical extent of the excavation as well as the lateral extent of the excavation to the west. Approximately 117.46 tons of hazardous soil, 99.34 tons of non-hazardous soil, and 160-gallons of groundwater were staged on-site and subsequently disposed of properly in accordance with all applicable law. Details related to soil and groundwater disposal are included within Section 4.3 below. The approximate extent of the IRM Excavation is depicted on Figure 3.

Confirmatory and documentation soil samples were collected from the excavation areas and sidewalls. Those samples were chemically analyzed to verify attainment of the prescribed SCGs. As reflected in Table 1, the soil sampling results confirmed that no VOCs were detected in the soil samples collected from the IRM Excavation at concentrations exceeding NYSDEC Part 375 Commercial Use SCOs with the exception of Floor 1. PCE was documented in Floor 1 at a concentration of 170,000 µg/kg exceeding NYSDEC Part 375 Commercial Use SCOs (150,000 µg/kg). The location of the soil sample exceeding NYSDEC Part 375 Commercial Use SCOs is depicted on Figure 3. Additional details related to post IRM Excavation soil sampling is detailed within Section 4.4.1.

3.1.2 Sub-Slab Depressurization System

A SSDS was installed with the Site Building in accordance with the USEPA 402-L-03-007 (May 2006) and the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York dated October 2006. Installation and continuous operation of the SSDS within the Site Building was completed by Mitigation Tech on March 24, 2020. A copy of the June 17, 2020 SSDS Construction Completion Report is included within Appendix F. The primary objective of the SSDS was to mitigate potential intrusion of CVOC vapors that could migrate into occupied space from beneath the Site Building slab (AOC #1). This mitigation is

achieved by maintaining a negative pressure of at least 0.004 water column inches (wci) below the Site Building slab relative to the air pressure above the slab.

Preliminary sub-slab air communication testing was performed October 3, 2019 as part of a general assessment of the scope of work. The communication testing procedure included drilling core borings into the concrete at likely suction cavity locations, at which vacuum was temporarily applied. Small diameter test holes were established to measure vacuum influence away from core boring locations. It was determined that a multi-fan system with multiple suction points could best provide comprehensive coverage.

Work began with confirmation of feasible and appropriate locations for fans, suction cavities and other SSDS components. Work was coordinated with Site Building as-built plans to minimize disturbance of future, potential equipment placement and operations. Work occurred over an extended period of time to accommodate general construction schedule. Vacuum testing was performed continuously during construction to determine the most efficient system configuration and verify integrity of design. At commissioning, all components were inspected for condition and proper operation was confirmed.

Subsequent to installation of the SSDS, Post SSDS Construction Air Sampling was conducted. Details related to Post SSDS Construction Air Sampling is included in Section 4.4.3. Figure 5 depicts the locations of all investigative air sampling points collected throughout the Site over the course of the investigations completed at the Site.

Based on the laboratory results from the Post SSDS Construction Air Sampling, no analytes were detected at concentrations exceeding NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006 and Soil Vapor/Indoor Air Matrix Tables Addendum dated May 2017, with the exception of TCE within indoor air samples ID2-A [3.27 micrograms per cubic meter ($\mu g/m^3$)], ID3-A [2.56 $\mu g/m^3$], and ID4-A [2.81 $\mu g/m^3$] at the north/northwest end of the Site Building. Air sampling results are included within Table 3. Refer to Section 3.2.4 for details related to additional IRM activities performed to mitigate the TCE identified within indoor air samples ID2-A, ID3-A, and ID4-A.

3.1.3 Enhanced Reductive Dechlorination Injections

Following completion of the IRM excavation, limited residual subsurface CVOC (dry cleaning solvent)-impacted soil remained beneath the limits of the IRM Excavation. In addition, limited CVOC-impacted groundwater appeared to be present downgradient of the IRM Excavation within groundwater monitoring well MW-12. Groundwater quality met TOGS 1.1.1 AWQS at nearby but slightly more distant downgradient wells MW-8 and MW-15. The remaining soil and groundwater impacts were primarily associated with elevated levels of PCE.

The purpose of the Enhanced Reductive Dechlorination Injections was to address the CVOC impacted soil and groundwater located proximate to the IRM Excavation, and thereby, further reduce the potential for the residual CVOC impacted groundwater to migrate off-site and beyond downgradient wells MW-8 and MW-15 along the west Site boundary, by injecting a mixture of Anaerobic BioChem and Zero Valent Iron (ABC+) to provide enhanced reductive dechlorination of the remaining subsurface solvent and its degradation constituents beneath the IRM Excavation and proximate to the west exterior wall of the Site Building. Two groundwater sampling events were completed (one prior to, and one subsequent to, injection completion) and included collection of groundwater samples from groundwater monitoring wells MW-12 and MW-15.

Starting on May 4, 2020, a total of 20 source area injections were advanced within a 50 foot by 50 foot plot centered on the source area (IRM Excavation and Floor 1/SB-40) spaced on a grid approximately 10 feet apart. An additional four source area injections were advanced to the west exterior of the Site Building proximate the IRM Excavation and bracketing MW-12. The injection locations are depicted in Figure 4. Each source area injection location was advanced with a 1.5-inch diameter direct-push injection point to reach a target depth of approximately 30 ft bgs. Once the target depth was reached, an expendable point was released from the end of the geoprobe and the ABC+ mixture was introduced at each injection location from the bottom of the injection location upwards at two-foot increments as the geoprobe equipment was extracted. Care was taken to monitor the shallow backfill material in the IRM Excavation area to prevent it from becoming a preferential outlet. This was accomplished by gauging/sounding the injection material as the injections were ongoing. It should be noted that this method of direct push injections did not generate any soil cuttings or waste water requiring later, proper off-site disposal.

Proximate to the two wells that never showed CVOC contamination, MW-8 and MW-15, a total of 13 injection locations were advanced in two offset rows along a 50 foot transect spaced on a grid approximately 10 feet apart proximate the west exterior of the Site Building and the western property line to create a barrier of ABC+ between the known CVOC contamination and the adjoining property. The downgradient injection locations are depicted in Figure 4. Each downgradient injection location was advanced a 1.5-inch diameter direct-push injection point to reach a target depth of approximately 30 ft bgs. Once the target depth was reached, an expendable point was released from the end of the geoprobe and the ABC+ mixture was introduced at each injection location from the bottom of the injection location upwards at two-foot increments as the geoprobe equipment was extracted. As continued installation of downgradient injection points occurred, daylighting was observed on the west adjacent property just past the Site Boundary. As a result, the NYSDEC conducted an inspection at the Site to observe this migration of material onto the west adjacent property. It was decided that select injection points (IPD-10 through IPD-13) in the downgradient area would not be injected with the ABC+ solutions above 10 ft bgs. Additionally, a reduction was made in the total volume of ABC+ mixture injected per interval from 13 gallons to 10 gallons; however, the concentration of ABC+ was increased accordingly in each of the 10 gallons injected. Per Redox, this reduction should not compromise the effectiveness of the ABC+ Solution as a barrier. A total of approximately 7,870 gallons of ABC+ mixture was injected between the Source and Downgradient areas.

Good housekeeping practices were followed to prevent leaving material on the ground surface (e.g., precautions were taken to prevent impacts to the ground surface due to material spilled from the drilling or injection equipment). Any material that did inadvertently drip or spill onto the ground surface was promptly picked up and placed in an appropriate location.

Details related to post Enhanced Reductive Dechlorination Injection groundwater sampling is detailed within Section 4.4.2.

3.1.4 Epoxy Floor Covering, Vent Closure, and P-Trap Wetting

Subsequent installation of the SSDS, post SSDS construction indoor air samples ID2-A, ID3-A, and ID4-A collected from the north and central portions of the Site Building identified TCE concentrations slightly exceeding the NYSDOH Table 3.1, August 2015 revision TCE indoor

air guideline value of 2 µg/m^3. Additional assessment of the Site conditions revealed the following.

1. Screening the concrete floor surface within the north portion of the Central Warehouse and Utility Room identified residual TCE and PCE concentrations. The existing epoxy floor coating within the Central Warehouse of the Site Building was heavily damaged and in poor condition. It was concluded that that volatilization of the residual TCE and PCE contained within the concrete floor is the likely source of and/or contributor to, the indoor air impact identified within the post SSDS construction indoor air samples.
2. A wall mounted "vent" was allowing free air exchange between north portions of the Site Building (Utility Room and the immediately adjacent Office Kitchen/Breakroom located within the office portion of the Site Building).
3. Floor drain and fixtures (toilets, sinks, urinals) located within the north portion of the Site Building (Office) were potentially a source or contributor of contaminants within the Office indoor air. Evaluation of the P-traps associated with the floor drains, sinks, and toilet fixtures were "dry" allowing for free exchange of air between the floor drains/fixtures and indoor air.

It should be noted that details and assessment methods related to the above are described within the Interim Remedial Measures, Remedial Investigation, & Alternatives Analysis Report dated February 7, 2025.

Below is a summary of the IRMs implemented to address the above.

Epoxy Floor Covering

Removal and replacement of the existing damaged epoxy floor covering was completed on November 22 and November 23, 2021. This included an area of approximately 3,100 square feet (ft^2) within the north portion of the Central Warehouse and Utility Room. The dimensions of the 3,100 ft^2 area of the floor that was treated were established based on the results of the TCE Indoor Air Source Evaluation detailed with the Interim Remedial Measures, Remedial Investigation, & Alternatives Analysis Report dated February 7, 2025, while also extending the footprint of the epoxy floor to the south and east to match existing concrete floor expansion joints. Removal of the existing epoxy floor and application of the new epoxy floor was completed by Martens Specialty Flooring (Martens). The scope of work included removal of an existing floor coating by diamond grinding and installing a high quality two part epoxy floor coating. CAMP monitoring was performed during the floor grinding activities and results are included in Appendix D.

Preparation of the existing floor was necessary to remove the damaged existing epoxy coating and to provide a clean substrate capable of properly bonding with the new two layer epoxy coating. A diamond grinder was utilized to remove the existing epoxy coating and smooth any irregularities in the existing floor. During the removal of the existing floor coating, dust was managed with a collection unit attached to the grinding machine. Every effort to efficiently collect and minimize dust was made. Dust was handled as general construction waste and disposed of properly. Cracks and large surface deviations were filled and leveled with an epoxy mortar to ensure the new floor coating was level and will resist cracking under normal conditions. The floor coating commenced on November 25, 2021. A two-step coating process was implemented and consisted of coating the floor with one coat of Sherwin Williams Resuprime 3830 and one coat of Sherwin Williams Resuflor 3569. Resuprime 3830 coating is a two part fast curing epoxy resin engineered to withstand vapor emissions. The topcoat consisted of Resuflor 3569 which is a low VOC LEED compliant two

part multipurpose epoxy coating. The Resuflor 3569 is suitable for use in United States Department of Agriculture facilities.

Any penetrations in the floor surface (i.e. utility, etc.) were sealed during the application of the new epoxy floor. One utility trench located within the Utility Room and one trench drain located within the Central Warehouse were cleaned, filled with concrete, and covered with the new epoxy coating. The extent of the epoxy floor coating is detailed within Figure 7.

Vent Closure

A qualified contractor was retained to remove the vent and permanently close the opening between the Utility Room and the adjacent Office Kitchen/Breakroom located within the office portion of the Site Building.

P-Trap Wetting

One week prior to post-IRM Indoor Air Sampling detailed in Section 4.4.3, approximately two gallons of water was discharged to each floor drain/fixture to ensure P-Traps were maintained in a wet condition. In addition, approximately two gallons of water was discharged to each floor drain/fixture to ensure P-Traps maintained a wet condition on the date post-IRM Indoor Air Sampling was completed.

3.2 Operable Units

There are no operable units associated with this Site.

3.3 Remedial Contracts

No separate remedial construction contracts were associated with the Site.

4.0 DISCRIPTION OF REMEDIAL ACTIONS PERFORMED

All remedial activities at the Site were completed as IRMs. Details related to each IRM are summarized in Section 3.0 above.

4.1 Governing Documents

Interim Remedial Measures were completed in accordance with NYSDEC-approved IRM workplans detailed within Section 3.1 above. No significant deviations from the IRM workplans occurred. A HASP and CAMP were developed associated with each IRM and are included within the IRM workplans included in Appendix C. All remedial work performed was designed to comply with governmental requirements, including site worker requirements mandated by OSHA, and DER-10.

4.1.1 Site Specific Health & Safety Plan

A HASP is included in the Appendices of each IRMWP approved by the NYSDEC. Each site-specific HASP was prepared in accordance with 40 CFR 300.150 of the NCP and 29 CFR 1910.120. The HASP included the following site-specific information:

- A hazard assessment
- Training requirements
- Definition of exclusion, contaminant reduction, and other work zones
- Monitoring procedures for Site operations

- Safety procedures
- Personal protective equipment requirements for various field operations
- Disposal and decontamination procedures

Each HASP also included a contingency plan to address potential site-specific emergencies. Health and safety activities were monitored throughout the remedial activities. A member of the field team was designated to serve as the SSHO throughout the field program. This person reported directly to the Project Manager and the Corporate Health and Safety Coordinator.

4.1.2 Community Air Monitoring Plan

Each CAMP is included as an appendix of each applicable IRM workplan approved by the NYSDEC. Each CAMP included the performance of real-time community air monitoring during intrusive remedial activities at the Site. Particulate monitoring was performed along the downwind perimeter of the work area during subgrade excavation, grading, and soil/fill handling activities in accordance with the CAMP. Particulate monitoring was performed during time periods where the potential for project-related traffic travelling directly over soil containing residual contamination to create dust existed, and during the grinding of the deteriorated epoxy surface. The CAMP is consistent with the requirements for community air monitoring at remediation sites as established by the NYSDEC and NYSDOH. Accordingly, it follows procedures and practices outlined under NYSDOH's Generic Community Air Monitoring Plan dated June 20, 2000, and NYSDEC TAGM 4031: Fugitive Dust Suppression and Particulate Monitoring Program at Inactive Hazardous Waste Sites.

4.2 Remedial Program Elements

4.2.1 Contractors and Consultants

Below is a summary of contractors and consultants who participated in the implementation of the remedial program IRMs.

1. LaBella Associates, D.P.C. (LaBella) – Remedial construction oversight and environmental monitoring
2. Mitigation Tech – SSDS contractor
3. LaBella Environmental, LLC (LaBella LLC) – Environmental contractor
4. Redox Tech LLC – Environmental contractor
5. Pariso Logistics – Waste hauler
6. Laidlaw Carriers Bulk GP Inc. – Waste hauler
7. Peter Hodge LTD – Waste Hauler
8. The Environmental Service Group – Waste hauler and environmental contractor
9. New Enterprises Stone & Lime Co., Inc. – Stone fill provider and hauling contractor
10. Engasser Construction – Concrete contractor
11. GPRS, Inc. – Utility locating contractor
12. Martens Specialty Flooring – Epoxy flooring contractor
13. Alpha Analytical Laboratories – Laboratory

4.2.2 Site Preparation

Generally, Site preparation activities were limited to marking of public and private utilities prior to work requiring subsurface disturbance. Mobilization to the Site primarily occurred on

a task by task basis. Pre-construction meetings were held on an as needed basis. No special permits or approvals were required.

4.2.3 General Site Controls

Site controls were completed in accordance with the IRM workplans and are generally limited to the following.

- Records, such as daily reports, and documentation, such as waste manifests, stone and backfill receipts, recycling documentation, etc. were maintained by LaBella.
- Equipment was decontaminated as necessary. Decontamination waste comprised of soil and liquid waste generated associated with the project was handled and disposed of properly in accordance with all applicable law.

4.2.4 CAMP Results

Continuous community air monitoring was performed during all ground intrusive activities. No exceedances of the CAMP action levels were recorded during the course of the field activities. The spread of dust and dirt did not occur during the implementation of field activities. Copies of all field data sheets relating to the CAMP are provided in electronic format in Appendix D.

4.2.5 Reporting

Daily reports were prepared on-site and identified the contractors and equipment present, any visitors, and the work performed that day. All daily reports are included in electronic format in Appendix E.

4.3 Contaminated Materials Removal

Contaminated materials removed from the Site were limited to the following generated during advancement of the IRM Excavation detailed in Section 3.1 above.

4.3.1 Soil

<u>Contained-In Determination & Waste Characterization</u>

Prior to commencement of IRM excavation activities, LaBella prepared a Contained-In Determination Work Plan dated April 4, 2019 (with subsequent email correspondence between the NYSDEC and LaBella, dated April 18, 2019) to characterize the soil waste generated during the IRM excavation at AOC #2. As part of the Contained-In Determination, soil excavated from the limits of AOC #2 was temporarily staged proximate to the east exterior of the Site Building and separated into four piles between May 29 and June 5, 2019. Based on previous soil laboratory data submitted by LaBella and subsequently reviewed by the NYSDEC, soil collected from within the confines of the IRM excavation depicted on Figure 3 through Figure 5, from approximately 0-2 ft bgs in the vicinity of previously-advanced soil borings SB-17, SB-24 and SB-25, was staged separately for disposal as hazardous waste in Stockpile 4. Soil generated from the remainder of the IRM excavation was segregated into three individual piles (Stockpiles 1 through 3) and was the subject of this "Contained-In" Determination. Soil samples were collected from the stockpiles in accordance with DER-10 and submitted for the following laboratory analysis as follows.

- Stockpile 1 – One discrete sample from 2.5 ft below the surface of the pile for TCL VOCs using USEPA Method 8260 and TCLP Total VOCs using USEPA Method 1311

- Stockpile 2 – One discrete sample from 3.0 ft below the surface of the pile for TCL VOCs using USEPA Method 8260 and TCLP Total VOCs using USEPA Method 1311
- Stockpile 3 – One discrete sample from 2.0 ft below the surface of the pile for TCL VOCs using USEPA Method 8260 and TCLP Total VOCs using USEPA Method 1311
- One composite sample from Stockpiles 1 through 3 for TCLP SVOCs using USEPA Method 1311, metals using USEPA Method 1311, flashpoint using USEPA Method 1030, reactivity using USEPA Method 7.3, and, corrosivity using USEPA Method 9045

The results of the sampling are summarized in the June 10, 2019 Contained-In Determination report which is attached in Appendix I. Figure 2 of that report depicts the location and designation of the stockpiles. Based on the results of the Contained-In sampling, the NYSDEC concluded the following as summarized within the Department's June 21, 2019 letter.

- Stockpiles 1 and 2 were permitted for disposal as non-hazardous waste while Stockpile 3 was to be disposed of as hazardous waste; in addition to the Stockpile 4 already-deemed hazardous waste.

Copies of the Contained-In Determination work plan, report and NYSDEC approval letter are included in Appendix I.

Non-Hazardous Soil Disposal

Approximately 99 tons of non-hazardous soil (Stockpiles 1 and 2) was loaded in dump trucks by Pariso Logistics and transported to Waste Management Chaffee Landfill in Chaffee, New York for disposal. Copies of the disposal receipts and manifest documentation are included in Appendix J.

Hazardous Soil Disposal

Approximately 117.46 tons of hazardous soil (stockpiles 3 and 4) was loaded into semi-trucks by Laidlaw Carriers Bulk GP Inc. and Peter Hodge LTD, and transported to Horizon Environmental Inc. in Quebec, Canada for disposal. Copies of the disposal receipts and manifest documentation are included in Appendix J.

4.3.2 Groundwater

As a result of groundwater infiltration within the IRM Excavation during excavation efforts, groundwater was pumped as needed from the excavation and placed into a portable 250-gallon plastic storage tote stored on-site. The groundwater within the tote was analyzed for waste characterization purposes and subsequently transported off-site as non-hazardous waste by The Environmental Service Group, Inc. (ESG) for proper disposal. Approximately 160 gallons of groundwater was processed. Groundwater disposal receipts are included within Appendix J.

4.4 Remedial Performance/Documentation Sampling

Below is a summary of Remedial Performance/Documentation Sampling related to IRM activities detailed within Section 3.0. For additional detail related to the sampling performed, please refer to the Interim Remedial Measures, Remedial Investigation, & Alternatives Analysis Report dated February 7, 2025.

4.4.1 Subsurface Soil

Based on the collective RI and IRM subsurface post remedial soil samples collected, no analytes were detected at the Site exceeding NYSDEC Part 375 Commercial Use SCOs with the exception of PCE detected in IRM documentation soil sample Floor 1 and the RI soil sample collected from soil boring SB-40 (15-16 ft bgs). Prior to implementation of the ABC+ Injection IRM, PCE exceeding the NYSDEC Part 375 Commercial Use SCO of 150,000 µg/kg was detected within Floor 1 at a concentration of 170,000 µg/kg, and within SB-40 (15-16 ft bgs) at a concentration of 310,000 µg/kg. A second soil sample collected from soil boring SB-40 (23-24 ft bgs) identified PCE at a concentration of 82,000 µg/kg which is well below the Part 375 Commercial Use SCO value of 150,000 µg/kg. It should be noted that the soil sample collected from Floor 1 was collected from approximately 10 ft bgs, and soil boring SB-40 was advanced through the IRM excavation immediately proximate the location of Floor 1 to evaluate the vertical extent of the PCE impact proximate Floor 1. Laboratory analysis of soil samples collected from beyond the limits of the IRM Excavation from soil borings SB-14, SB-19 though SB-22, SB-28, and SB-41 through SB-45 generally exhibited results below the laboratory method detection limits for PCE, or PCE at concentrations significantly below NYSDEC Part 375 Commercial Use SCOs [the maximum PCE concentration was 360 µg/kg (which is below the Unrestricted Use SCO of 1,300 ug/kg) in the soil sample collected from SB-45 (21-22 ft bgs)].

No sample found an on-site subsurface soil impact extending off-site, north-northwest downgradient from the IRM Excavation area, or anywhere proximate the west Site Boundary. As such, the vertical and horizontal extent of the PCE impact identified proximate Floor 1 and SB-40 appears to be highly localized to the area directly beneath the location of the former dry-cleaning machine.

4.4.2 Groundwater

The CVOCs PCE, TCE, c12-DCE, and VC were detected within groundwater samples collected from groundwater monitoring well MW-12 in March 2019, July 2019, May 2020, and August 2020, at concentrations exceeding NYSDEC TOGS 1.1.1 AWQS. Those CVOCs were not detected at concentrations exceeding NYSDEC TOGS 1.1.1 AWQS in any other well. MW-12 is located directly downgradient and adjacent to the IRM Excavation. Groundwater samples collected from MW-12 exhibited a peak total CVOC concentration of 3,932 µg/l in July 2019. Subsequent to completion in May 2020 of the ABC+ amendment injection IRM activities, total CVOC concentrations in the groundwater sample collected from MW-12 decreased to 864 µg/l. As such, it appears that IRM activities have successfully reduced the concentrations of CVOCs present within groundwater in MW-12. It should be noted that CVOC concentrations, in the groundwater samples collected from MW-8 and MW-15 located immediately north-northwest and downgradient of MW-12 have never exceeded NYSDEC TOGS 1.1.1 AWQS. In fact, no CVOCs have been detected at MW-15 and the maximum total CVOC concentration at MW-8 was 0.89 µg/l. As such, it appears that the source of the CVOC in groundwater has been addressed, and the remaining groundwater impact is highly localized proximate MW-12, has not migrated off-site, and CVOC groundwater concentrations should continue to decrease.

4.4.3 Indoor Air/Sub-Slab Soil Vapor

<u>Post SSDS Construction Air Sampling</u>

Subsequent to installation of the SSDS on March 24, 2020, five indoor air samples (ID1-A through ID5-A) were collected within the Site Building and one outdoor ambient air sample

(OD3) was collected from an upwind location, northwest exterior of the Site Building on September 14, 2020. The indoor air samples were collected proximate the same locations where previous indoor air and sub-slab soil vapor samples were collected within the Site Building in August and October 2017. Figure 4 depicts the locations of all investigative air sampling points collected throughout the Site over the course of investigations conducted at the Site.

Based on the laboratory results from the September 14, 2020 air sampling event, no analytes were detected at concentrations exceeding NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York dated October 2006, Table 3.1 (revised September 2013 and August 2015) within indoor air samples collected from ID1-A, ID2-A, ID3-A, ID4-A, and ID5-A, with the exception of TCE within indoor air samples ID2-A [3.27 µg/m^3], ID3-A [2.56 µg/m^3], and ID4-A [2.81 µg/m^3] at the north/northwest end of the Site Building. As such, it appears that the IRMs detailed within Section 3.1.1 and 3.1.2 were successful in mitigating soil vapor intrusion within the Site Building, with the exception of TCE within the north portion of the Site Building located proximate indoor air sampling locations ID2-A, ID3-A, and ID4-A. Air sampling results are included within Table 3.

Details related to air sampling performed subsequent the supplemental IRMs are summarized below.

Post Floor Coating and P-trap Wetting IRM Air Sampling

Following the installation of the new epoxy floor covering, filling of the trench located within the Utility Room and the trench drain located within the Central Warehouse, permanent closure of the vent, and wetting of the P-Traps, post IRM indoor air samples were collected on January 12, 2022 to evaluate the effectiveness of the collective IRMs.

Three indoor air post IRM samples, ID-2B, ID-3B, and ID-4B, were collected from locations consistent with prior indoor air samples ID2-A, ID3-A, and ID4-A. One ambient outdoor air sample (OD-4) was collected from location upwind of the Site Building. Figure 5 shows the locations of the air samples. A NYSDOH Indoor Air Quality Questionnaire and Building Inventory was completed in accordance with NYSDOH Guidance Document for the portions of the Site included in the assessment and is included in Appendix 1. The observed conditions of the Office area were similar to previous events. The southern portion of the Central Warehouse, however, was now occupied by an auto repair shop, and chemicals were present that are typical in auto repair shop operations, including CVOCs.

Based on the laboratory results, TCE was not detected at concentrations exceeding the laboratory method detection or reporting limits within any of the post IRM air samples. Post IRM Sampling results are summarized in Table 3 and a copy of the laboratory results are included within Appendix 2. As such, it appears that the IRMs detailed within Section 3.1 were successful in mitigating indoor air concentrations of TCE within the north portion of the Site Building.

Change In Use Air Sampling

In September 2021, a truck repair tenant began occupancy of the southern portion of the Site Building (the remainder of the Site Building remains unoccupied). The approximate portion of the Site Building occupied by the truck repair tenant is depicted within Figure 6. Due to the change in occupancy, at the request of the NYSDEC, additional air sampling was completed within the truck repair tenant space, which included tasks to inventory chemicals

in-use or stored within the truck repair tenant space, and inspection and maintenance of the SSDS between November 2022 and March 2023. On March 26, 2023, sub-slab soil vapor sample SS5-C and indoor air samples ID5-C and ID6-C were collected from within the truck repair tenant space portion of the Site Building. No analytes were detected within indoor air samples ID5-C or ID6-C at concentrations exceeding NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006 and Soil Vapor/Indoor Air Matrix Tables Addendum dated May 2017, with the exception of PCE detected at a concentration of 132 µg/m^3 and 94.9 µg/m^3 respectively. As indoor air sampling data collected from the south portion of the Site Building (i.e., in the current tenant space) showed a trend of decreasing PCE concentrations in 2020 subsequent to the installation/activation of the SSDS, and an increase in PCE concentrations subsequent to the occupancy of the area by the truck repair tenant, it was concluded that the primary source of the PCE identified within the March 26, 2023 indoor air sampling is the result of tenant's active use and storage of products that have been confirmed to contain PCE (Chlorinated Brakleen), and other products that may contain, or are likely to contain, PCE.

For additional detail related to the Change In Use Air Sampling tasks performed, please refer to the Interim Remedial Measures, Remedial Investigation, & Alternatives Analysis Report dated February 7, 2025.

4.5 Imported Backfill

Backfill imported to the Site was limited to approximately 191 tons of #2 crusher run stone sourced from New Enterprise Stone & Lime Co., Inc. in Buffalo, New York used to backfill the IRM Excavation detailed in Section 3.1.1. A NYSDEC Request to Import form was submitted to NYSDEC for this material on June 3, 2019 and subsequently approved. Copies of the backfill tickets and the NYSDEC Import Request are included Appendix G.

4.6 Contamination Remaining at the Site

Contamination remaining at the Site is limited to the following.

4.6.1 Subsurface Soil

As is detailed within Section 3.1.1 and 4.1.1 above, highly localized PCE soil impact exceeding NYSDEC Part 375 Commercial Use SCO may remain immediately proximate to documentation soil sample Floor 1 and soil boring SB-40 between approximately 10 ft bgs to approximately 16 ft. bgs, depending on the effectiveness of the ABC+ injections.

4.6.2 Groundwater

Below is a summary of the groundwater samples collected from the Site which exhibited analyte concentrations exceeding their respective SCG.

Acetone was detected in the following groundwater samples at concentrations exceeding the Groundwater SCG of 50 µg/l.

- MW-2 (6/12/2017) – 110 µg/l
- MW-4 (6/12/2017) – 63 µg/l
- MW-5 (6/12/2017) – 58 µg/l
- MW-6 (6/12/2017) – 76 µg/l
- MW-7 (6/12/2017) – 62 µg/l
- MW-12 (3/1/2019) – 58 µg/l

- MW-12 (8/4/2020) – 63 µg/l
- MW-13 (2/28/2019) – 280 µg/l

Benzene was detected in the groundwater sample from the deep well, MW-15, at a concentration exceeding the Groundwater SCG of 1 µg/l.

- MW-15 (8/4/2020) – 3.2 µg/l

c12-DCE was detected in the following groundwater samples at concentrations exceeding the Groundwater SCG of 5 µg/l.

- MW-12 (7/9/2019) – 470 µg/l
- MW-12 (5/4/2020) – 930 µg/l
- MW-12 (8/4/2020) – 420 µg/l

Methyl ethyl ketone (MEK) was detected in the following groundwater samples at concentrations exceeding the Groundwater SCG of 50 µg/l.

- MW-12 (8/4/2020) – 100 µg/l
- MW-15 (8/4/2020) – 170 µg/l

PCE was detected in the following groundwater samples at concentrations exceeding the Groundwater SCG of 5 µg/l.

- MW-12 (3/1/2019) – 1,000 µg/l
- MW-12 (7/9/2019) – 2,500 µg/l
- MW-12 (5/4/2020) – 1,200 µg/l
- MW-12 (8/4/2020) – 370 µg/l

TCE was detected in the following groundwater samples at concentrations exceeding the Groundwater SCG of 5 µg/l.

- MW-12 (3/1/2019) – 19 µg/l
- MW-12 (7/9/2019) – 950 µg/l
- MW-12 (5/4/2020) – 480 µg/l
- MW-12 (8/4/2020) – 52 µg/l

VC was detected in the following groundwater samples at concentrations exceeding the Groundwater SCG of 2 µg/l.

- MW-12 (3/1/2019) – 2.3 µg/l
- MW-12 (7/9/2019) – 12 µg/l
- MW-12 (5/4/2020) – 25 µg/l
- MW-12 (8/4/2020) – 22 µg/l

Total PFOS was detected within the groundwater sample collected from MW-13 at a concentration of 10 nanograms per liter (ng/l) slightly exceeding the Groundwater SCG of 6.7 ng/l.

1,4-dioxane was detected within the groundwater sample collected from MW-12 at a concentration of 929 ng/l, exceeding the Groundwater SGC of 350 ng/l.

4.6.3 Soil Vapor Intrusion

As CVOC impacted soil remains proximate to Floor 1 and SB-40, CVOC impacted groundwater remains proximate MW-12, and soil vapor intrusion sampling within the Site Building prior to IRM construction identified CVOCs in both indoor air and sub-slab soil vapor samples at concentrations requiring mitigation when compared to NYSDOH Soil Vapor Intrusion guidance, it is expected that soil vapor contamination remains beneath the footprint of the Site Building. It should be noted that no analytes were detected outside of the Site Building within the soil vapor samples collected as part of the RI (SV-1 through SV-4) at concentrations above NYSDOH 2006 Guidance Soil Vapor/Indoor Air Matrix Tables A through C (addendum May 2017), which suggests that soil vapor impact does not extend to portions of the Site beyond the immediate vicinity of the Site Building.

4.7 Engineering Controls

Institutional and Engineering Controls are required to protect human health and the environment. The Engineering and Institutional Controls (ECs/ICs) are described in the following sections. Long-term management of these EC/ICs and residual contamination will be performed under the Site Management Plan (SMP) approved by the NYSDEC.

4.7.1 Cover System

Exposure to remaining CVOC contamination in soil at the Site proximate Floor 1 and SB-40 is prevented by the concrete building slab. The cover system at the Site consists of the concrete floor within the footprint of the IRM Excavation. Figure 3 shows the location of the IRM excavation area and the location of the cover system. Figure 8 shows the location of the cover system. An Excavation Work Plan, which outlines the procedures required in the event the cover system and/or underlying residual contamination are disturbed, is provided in an Appendix of the SMP.

4.7.2 Sub-Slab Depressurization System & Epoxy Floor

An active SSDS was installed throughout the Site Building to prevent CVOC soil vapor intrusion into the structure. In addition, a new epoxy floor was installed within the north portion of the Central Warehouse and Utility Room. The SSDS and epoxy floor will be inspected at defined, regular intervals in accordance with the SMP and will remain active.

4.8 Institutional Controls

Standard institutional controls will be implemented, including a Site Management Plan (SMP) incorporating an Excavation Work Plan, Soil & Groundwater Management Plan, a Soil Vapor Intrusion Evaluation plan (for any new buildings) and an Engineering and Institutional Control certification requirement developed and enforced through the Environmental Easement. The Environmental Easement restricts use of the Site to commercial / industrial applications and precludes groundwater use without treatment. The Environmental Easement runs with the deed and includes the following requirements.

1. The property use will be restricted commercial use, or less stringent uses.
2. The cover system will remain in place.
3. A Soil & Groundwater Management Plan will be implemented for all invasive activities at the Site.

4. Groundwater monitoring would be required on an annual schedule as part of the SMP.
5. The use of groundwater without treatment and New York State Department of Health approval will be prohibited.
6. The SSDS will be active, and periodically inspected and maintained.
7. Annual certification that institutional and engineering controls will be required.

The environmental easement for the Site was executed by the Department on December 5, 2019, and filed with the Erie County Clerk on December 12, 2019. The County Control number for this filing is 2019275208. A copy of the easement and proof of filing is provided in Appendix H.

4.9 Deviations from the Remedial Action Work Plan

Remedial work for the Site were completed under IRMs detailed with Section 3.0. No significant deviations were made from the approved IRM Work Plans.

Tables

Table 1

11075 Walden Avenue

Alden, NY

Summary of Interim Remedial Measures Excavation Confirmatory Soil Analytical Results

(Detected Analytes Only)

Sample ID	Sidewall 1	Sidewall 2	Sidewall 3	Sidewall 4	Sidewall 5	Sidewall 6	Floor 1	Floor 2	DUP	Commercial Use SCOs
Depth (ft bgs)	2	3	2.5	1.5	1	2.5	10	4	*	
Sample Date	6/5/2019	6/5/2019	6/5/2019	6/5/2019	6/5/2019	6/5/2019	6/5/2019	6/5/2019	6/5/2019	
Volatile Organic Compounds (µg/kg)										
Acetone	<	<	<	75	<	<	<	<	<	500,000
cis-1,2-Dichloroethene	30 J	130	1,000	120	150	120	<	82	3,000	500,000
trans-1,2-Dichloroethene	<	<	21 J	5.8	11 J	<	<	<	110	500,000
Methyl Acetate	120 J	<	<	4.5	90 J	<	<	42 J	350	NL
Methyl ethyl ketone (2-Butanone)	<	<	<	14	<	<	<	<	<	500,000
Tetrachloroethene	300	20,000	4,800	11	2,200	3,300	170,000	4,300	490	150,000
Trichloroethene	76	360	480	0.36	100	91	250 J	55	15 J	200,000
Vinyl Chloride	<	<	240	2	<	<	<	<	<	13,000

Commercial Use SCOs = New York State Department of Environmental Conservation (NYSDEC) Part 375 Commercial Use Soil Cleanup Objectives (SCOs), Table 375-6.8(b) (December, 2006)

< = Not detected

NL = Not listed

J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

ft bgs = Feet below ground surface

µg/kg = Micrograms per kilogram

Concentrations in gray exceed Commercial Use SCOs

* = The "DUP" sample was collected as field duplicate of an IRM excavation confirmatory soil sample; however, records that would reveal the source confirmatory soil sample from which the "DUP" sample originated have not been located by LaBella.

Table 2
11075 Walden Avenue
Alden, New York
Groundwater Samples Exhbiting Exceedances
(Detected Analytes Only)

Sample ID	MW-12	MW-12	MW-12	MW-12	MW-15	NYSDEC TOGS
Sample Date	3/1/2019	7/9/2019	5/4/2020	8/4/2020	8/4/2020	
Volatile Organic Compounds (µg/L)						
Acetone	58	<	<	63	43	50
1,1-Dichloroethene	<	<	<	2	<	5
Benzene	<	<	<	<	3.2	1
Carbon Disulfide	<	<	<	<	<	NL
Cyclohexane	<	<	<	<	<	NL
cis-1,2-Dichloroethene	<	470	930	420	<	5
2-Hexanone	<	<	<	<	<	50
Methyl Acetate	<	<	<	<	1.2 J	NL
Methylcyclohexane	<	<	<	<	<	NL
Methyl ethyl ketone (2-Butanone)	<	<	<	100	170	50
Tetrachloroethene	1,000	2,500	1,200	370	<	5
Toluene	<	<	<	<	<	5
Trans1-2,-Dichloroethene	<	<	7.3 J	<	<	5
Trichloroethene	19	950	480	52	<	5
Vinyl Chloride	2.3 J	12 J	25	22	<	2
Semi-Volatile Organic Compounds (µg/L)						
Acetophenone	2.2 J	NA	NA	NA	NA	NL
Anthracene	0.02 J	NA	NA	NA	NA	50
Benzo(b)fluoranthene	<	NA	NA	NA	NA	0.002
Benzo(k)fluoranthene	0.01 J	NA	NA	NA	NA	0.002
Benzo(g,h,i)perylene	<	NA	NA	NA	NA	NL
Benzo(a)pyrene	<	NA	NA	NA	NA	NL
Benzaldehyde	1.4 J	NA	NA	NA	NA	NL
Di-n-butylphthalate	<	NA	NA	NA	NA	50
Bis(2-ethylhexyl)phthalate	<	NA	NA	NA	NA	5
Fluoranthene	<	NA	NA	NA	NA	50
Fluorene	0.3	NA	NA	NA	NA	50
Indeno(1,2,3-cd)pyrene	<	NA	NA	NA	NA	0.002
3-Methylphenol/4-Methylphenol	0.95 J	NA	NA	NA	NA	NL
2-Methylnaphthalene	0.51	NA	NA	NA	NA	NL
Naphthalene	0.19	NA	NA	NA	NA	10
Phenanthrene	0.74	NA	NA	NA	NA	50
Phenol	3 J	NA	NA	NA	NA	1
Pyrene	<	NA	NA	NA	NA	50

NYSDEC TOGS = New York State Department of Environmental Conservation (NYSDEC), Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (June 1998)

< = Not detected

NL = Not listed

NA = Not analyzed

J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

µg/L = Micrograms per liter

Concentrations in gray exceed NYSDEC TOGS

Table 3
11075 Walden Avenue
Alden, New York
Vapor Intrusion Analytical Results
(Detected Analytes Only)

Sample ID	SS1	ID1	ID1-A	SS2	ID2	ID2-A	ID2-B	SS3	ID3	ID3-A	ID3-B	SS4	ID4	ID4-A	ID4B	SS5	SS5-C	ID5	ID5-A	ID5-C	ID6-C	0D1	0D2	0D3	0D4	NYSDOH Table 3.1 Air Guidance Value [1]
Sampling Date	8/3/2017	8/3/2017	9/14/2020	8/3/2017	8/3/2017	9/14/2020	1/12/2022	10/4/2017	10/4/2017	9/14/2020	1/12/2022	10/4/2017	10/4/2017	9/14/2020	1/12/2022	10/4/2017	3/26/2023	10/4/2017	9/14/2020	3/26/2023	3/26/2023	8/3/2017	10/4/2017	9/14/2020	1/12/2022	
Location	Sub-Slab	Indoor Air	Indoor Air	Sub-Slab	Indoor Air	Indoor Air	Indoor Air	Sub-Slab	Indoor Air	Indoor Air	Indoor Air	Sub-Slab	Indoor Air	Indoor Air	Indoor Air	Sub-Slab	Sub-Slab	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Outdoor Air	Outdoor Air	Outdoor Air	Outdoor Air	
Volatile Organic Compounds (µg/m3)																										
Dichlorodifluoromethane	<	2.4 J	2.27	<	2.2 J	2.26	NA	2.8 J	2.4 J	2.3	NA	2.5 J	2.5	2.25	NA	<	2.13	2.4 J	2.37	2.67	2.64	2.1 J	2.3 J	2.11	NA	NL
Ethanol	<	<	10.7	<	<	10.5	NA	<	<	26.2	NA	<	<	18	NA	<	47.9	<	13.6	19.6	21.5	<	<	<	NA	NL
Tetrahydrofuran	<	<	<	<	<	<	NA	<	<	<	NA	<	<	1.52	NA	<	2.17	<	2.42	<	<	<	<	<	NA	NL
Freon 22	<	9.9	<	<	6.7	<	NA	3.7	2.9	<	NA	3.7	3.2	<	NA	<	<	7.9	<	<	<	1 J	0.97 J	<	NA	NL
Chloromethane	<	1.1	1.09	<	1 J	1.08	NA	1.1 J	0.92 J	1.11	NA	0.97 J	1 J	1.32	NA	<	1.07	0.99 J	1.14	1.10	1.07	1.2	1.1	1.05	NA	NL
n-Butane	<	49	<	320 J	36	<	NA	110	32	<	NA	100	35	<	NA	3,400	<	63	<	<	<	1.1 J	1.4	<	NA	NL
Trichlorofluoromethane	<	1.3	1.46	<	1.2	1.43	NA	1.5 J	1.4	1.46	NA	1.3 J	1.4	<	NA	<	1.14	1.3	1.52	1.38	1.40	1 J	1.3	1.37	NA	NL
Freon TF	<	0.39 J	<	<	0.4 J	<	NA	0.65 J	0.58 J	<	NA	0.58 J	0.6 J	<	NA	<	<	0.58 J	<	<	<	0.36 J	0.56 J	<	NA	NL
Acetone	<	15	<	<	12	<	NA	100	9.78 J	<	NA	87	18	29	NA	170 J	18.4	10 J	<	15.2	15.4	12	26	4.35	NA	NL
Isopropyl alcohol	<	0.94 J	<	<	0.77 J	<	NA	7.8 J	1.2 J	<	NA	2.4 J	0.76 J	<	NA	<	5.85	0.85 J	<	1.60	1.77	0.64 J	0.94 J	1.88	NA	NL
Carbon disulfide	< *	0.24 J	<	180 J	0.22 J	<	NA	3 J	0.41 J	<	NA	3.5	0.4 J	1.02	NA	19 J	<	0.089 J	<	<	<	<	0.11 J	<	NA	NL
Methylene chloride	<	0.47 J	<	<	0.36 J	<	NA	0.55 J	0.37 J	<	NA	0.57 J	0.31 J	<	NA	<	16.2	0.61 J	<	2.40	2.25	0.36 J	0.34 J	<	NA	60
n-Hexane	<	1.9	1.36	<	1.5	1.56	NA	37	1.7	2.99	NA	38	1.8	2.65	NA	1,900	4.37	3.4	2.77	4.02	3.39	<	<	<	NA	NL
Methyl Ethyl Ketone (2-Butanone)	<	1.9	<	<	1.1 J	<	NA	17	1.4 J	<	NA	18	3.5	2.04	NA	23 J	3.78	1.5	<	3.60	4.07	1.8	5.7	<	NA	NL
cis-1,2-Dichloroethene	91,000	2.2	<	6,700	1.2	<	NA	4.2	5.6	<	NA	3.5	5.6	<	NA	<	<	3.6	<	<	0.095	<	<	<	NA	NL
1,2-Dichloroethene, Total	91,000	2.2	<	6,700	1.2 J	<	NA	4.4	5.6	<	NA	3.4	5.6	<	NA	<	<	3.6	<	<	<	<	<	<	NA	NL
Chloroform	<	<	<	<	<	<	NA	0.52 J	<	<	NA	0.8 J	<	<	NA	<	<	<	<	<	<	<	<	<	NA	NL
1,1,1-Trichloroethane	<	<	<	<	<	<	NA	0.43 J	<	<	NA	0.48 J	0.14 J	<	NA	<	<	<	<	<	<	<	<	<	NA	NL
Cyclohexane	<	0.22 J	<	<	0.17 J	<	NA	11	0.17 J	<	NA	16	0.2 J	<	NA	2,200	2.21	0.44 J	<	1.56	1.40	<	<	<	NA	NL
Carbon tetrachloride	<	0.39 J	0.447	<	0.39 J	0.396	NA	0.45 J	0.41 J	0.447	NA	0.34 J	0.45 J	0.434	NA	<	<	0.4 J	0.491	0.491	0.497	0.39 J	0.4 J	0.415	NA	NL
2,2,4-Trimethylpentane	<	0.24 J	<	<	<	<	NA	1.2 J	0.24 J	<	NA	1.5 J	0.22 J	<	NA	23 J	1.55	0.33 J	<	1.86	1.72	<	<	<	NA	NL
Benzene	<	0.32 J	<	<	0.26 J	<	NA	7.2	0.31 J	<	NA	7.5	0.34 J	<	NA	71	1.65	0.35 J	<	1.76	1.69	0.23 J	0.28 J	<	NA	NL
n-Heptane	<	0.63 J	<	<	0.48 J	<	NA	29	0.53 J	1.05	NA	28	0.58 J	0.955	NA	1,500	3.78	1	1.03	3.64	3.22	<	<	<	NA	NL
Trichloroethene	13,000	3.5	1.84	5,600	3.1	3.27	<	3.2	3.2	2.56	<	3.3	3.5	2.81	<	4.5 J	<	2.4	0.849	2.00	0.489	<	<	<	<	2
Methyl isobutyl ketone	<	<	<	<	3.6	<	NA	7.3	<	<	NA	7.9	0.59 J	<	NA	<	5.94	<	<	4.92	3.85	<	0.32 J	<	NA	NL
Toluene	<	0.55 J	<	620	0.55 J	<	NA	17	1.1	<	NA	23	1.3	<	NA	310	12.3	0.95	2.6	12.8	11.3	0.51 J	0.54 J	<	NA	NL
Tetrachloroethene	480,000	19	0.19	52,000	12	0.19	NA	72	22	0.217	NA	30	25	0.217	NA	54 J	152	15	0.251	132	94.9	0.14 J	0.11 J	<	NA	30
Methyl Butyl Ketone (2-Hexanone)	<	0.48 J	<	<	<	<	NA	5.3	<	<	NA	5.2	0.64 J	<	NA	<	<	<	<	<	<	<	1.3 J	<	NA	NL
Ethylbenzene	<	<	<	210 J	<	<	NA	2.1	0.19 J	<	NA	2.6	0.32 J	<	NA	71	3.71	0.19 J	<	3.07	2.72	0.15 J	<	<	NA	NL
m,p-Xylene	<	0.4 J	<	520 J	0.41 J	<	NA	11	0.67 J	<	NA	10	1.4 J	<	NA	340	12.6	0.66 J	<	11.6	10.0	0.49 J	0.41 J	<	NA	NL
o- Xylene	<	0.19 J	<	220 J	0.19 J	<	NA	3.6	0.3 J	<	NA	3.5	0.59 J	<	NA	100	5.26	0.29 J	<	4.29	3.75	0.19 J	<	<	NA	NL
Xylene (total)	<	0.59 J	<	740 J	0.6 J	<	NA	15	0.96 J	<	NA	13	2 J	<	NA	440	17.9	0.94 J	<	<	<	0.66 J	0.4 J	<	NA	NL
Styrene	<	<	<	<	<	<	NA	0.72 J	<	<	NA	0.68 J	<	<	NA	<	<	<	<	<	<	0.18 J	<	<	NA	NL
Cumene	<	<	<	<	<	<	NA	0.83 J	<	<	NA	1 J	<	<	NA	20 J	<	<	<	<	<	<	<	<	NA	NL
n-Propylbenzene	<	<	<	<	<	<	NA	1.1 J	<	<	NA	0.89 J	<	<	NA	16 J	<	<	<	<	<	<	<	<	NA	NL
4-Ethyltoluene	<	<	<	<	<	<	NA	1.5 J	<	<	NA	1.3 J	0.31 J	<	NA	9.1 J	1.88	<	<	1.52	1.34	<	<	<	NA	NL
1,3,5-Trimethylbenzene	<	<	<	<	<	<	NA	1.7 J	<	<	NA	1.3 J	0.26 J	<	NA	20 J	2.59	0.2 J	<	1.90	1.47	<	<	<	NA	NL
2-Chlorotoluene	<	<	<	<	<	<	NA	<	<	<	NA	<	0.39 J	<	NA	<	<	<	<	<	<	<	<	<	NA	NL
1,2,4-Trimethylbenzene	<	0.46 J	<	<	<	<	NA	3.8	0.35 J	<	NA	3.7	1.2	<	NA	18 J	10.2	0.6 J.	<	6.78	5.56	<	<	<	NA	NL
4-Isopropyltoluene	<	<	<	<	<	<	NA	<	<	<	NA	<	0.39 J	<	NA	<	<	<	<	<	<	<	<	<	NA	NL
1,4-Dichlorobenzene	<	1.5	<	<	0.71 J	<	NA	<	0.57 J	<	NA	<	0.52 J	<	NA	<	<	<	<	<	<	<	<	<	NA	NL
Naphthalene	<	<	<	<	<	<	NA	1.1	<	<	NA	<	<	<	NA	<	<	<	<	<	<	<	<	<	NA	NL

Analytical method for air samples = United States Environmental Protection Agency (USEPA) Method TO-15

(1) New York State Department of Health (NYSDOH), Guidance for Evlauating Soil Vapor Intrusion in the State of New York, October 2006 and subsequent updates Table 3.1

< = Analyte detected at concentration below laboratory method detection limit

ug/m3 = Micrograms per cubic meter

NL = Not listed

NA = Not Analyzed

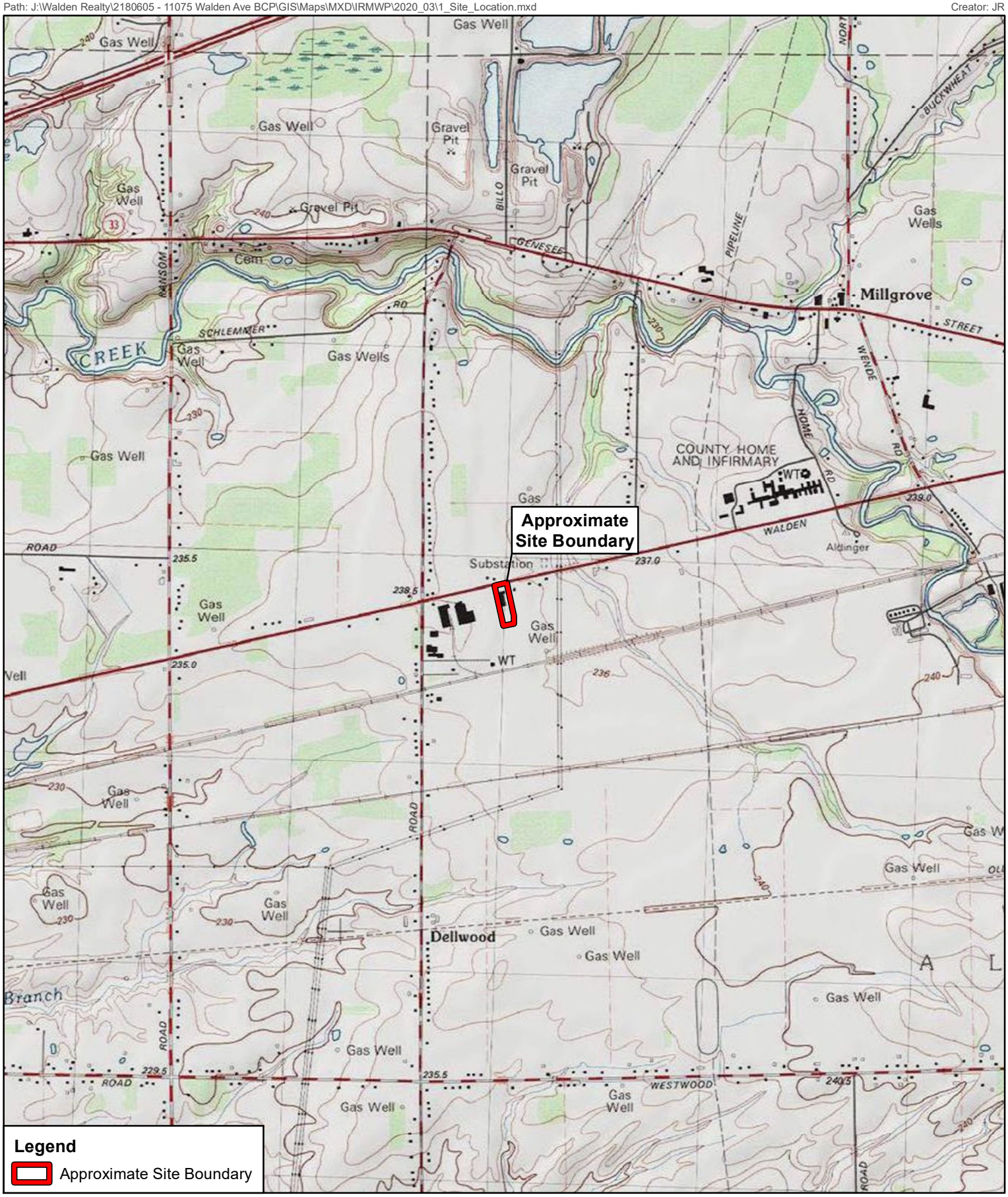
J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

Shaded = Analyte detected within indoor air sample at a concentration above NYSDOH Table 3.1 Value

Figures

Path: J:\Walden Realty\2180605 - 11075 Walden Ave BCP\GIS\Maps\MXD\IRMWP\2020_03\1_Site_Location.mxd

Creator: JR



PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2180605 **Figure 1** 3/27/2020	Site Location Map	11075 Walden Avenue Alden, New York

N

0 1,000 2,000 Feet

LaBella
Powered by partnership.

Data Source: LaBella 2020; National Geographic Society, i-cubed 2013.

Path: J:\Walden Realty\2180605 - 11075 Walden Ave BCP\GIS\Maps\MXD\IRMWP\2020_03\2_Site_Base_Map.mxd

Creator: JR

PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2180605 **Figure 2** 10/23/2023	Site Base Map	11075 Walden Avenue Alden, New York

N

0 50 100 Feet

LaBella
Powered by partnership.

Data Source: Erie County 2019; LaBella 2020; Pictometry 2017.

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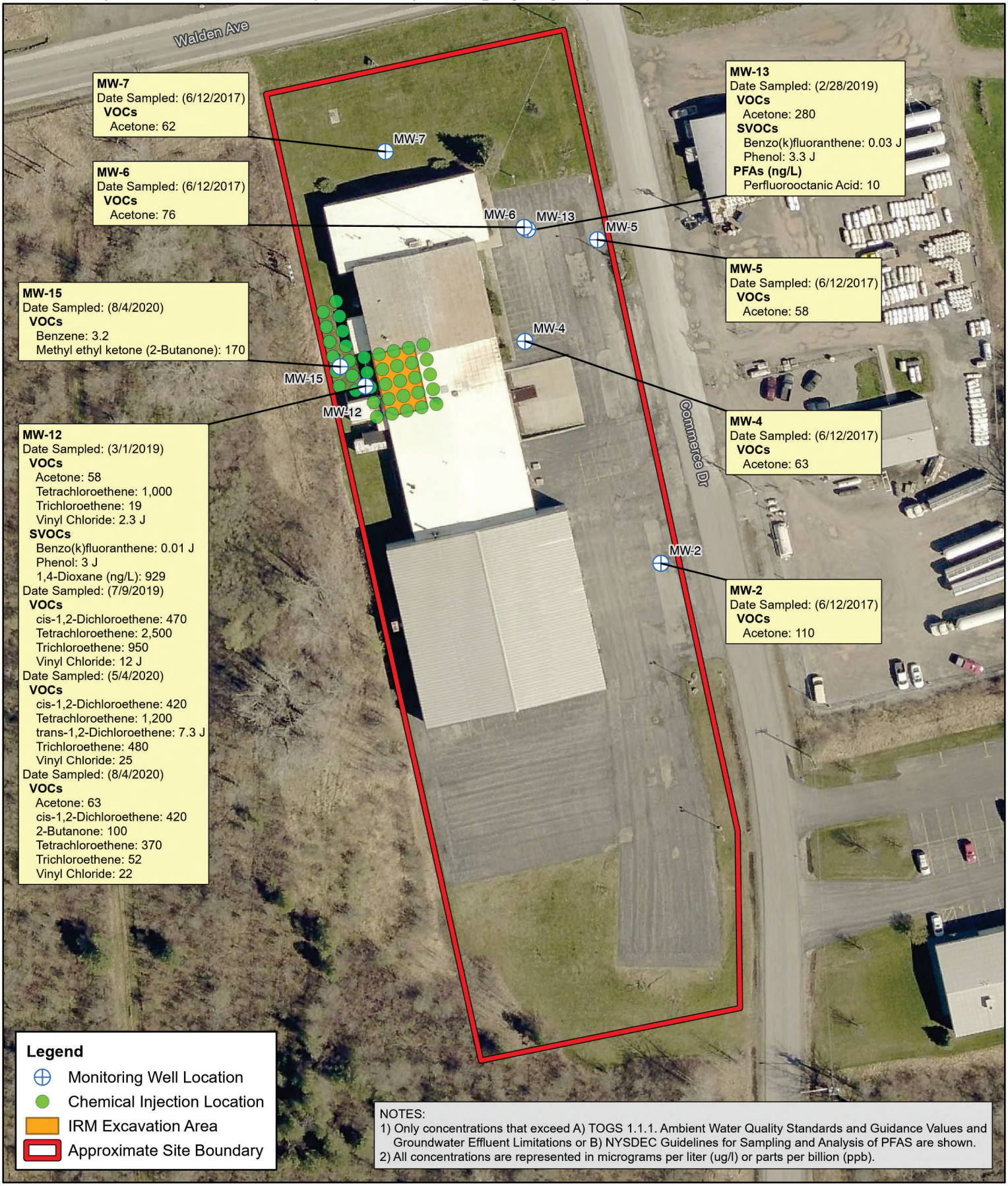
PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:	
2180605 **Figure 3** 3/27/2024	IRM Excavation, Soil Exceedance and Soil Cover System Map	11075 Walden Avenue Alden, New York	N 0 40 80 Feet LaBella Powered by partnership.

Data Source: LaBella 2017 - 2020; Pictometry 2017.



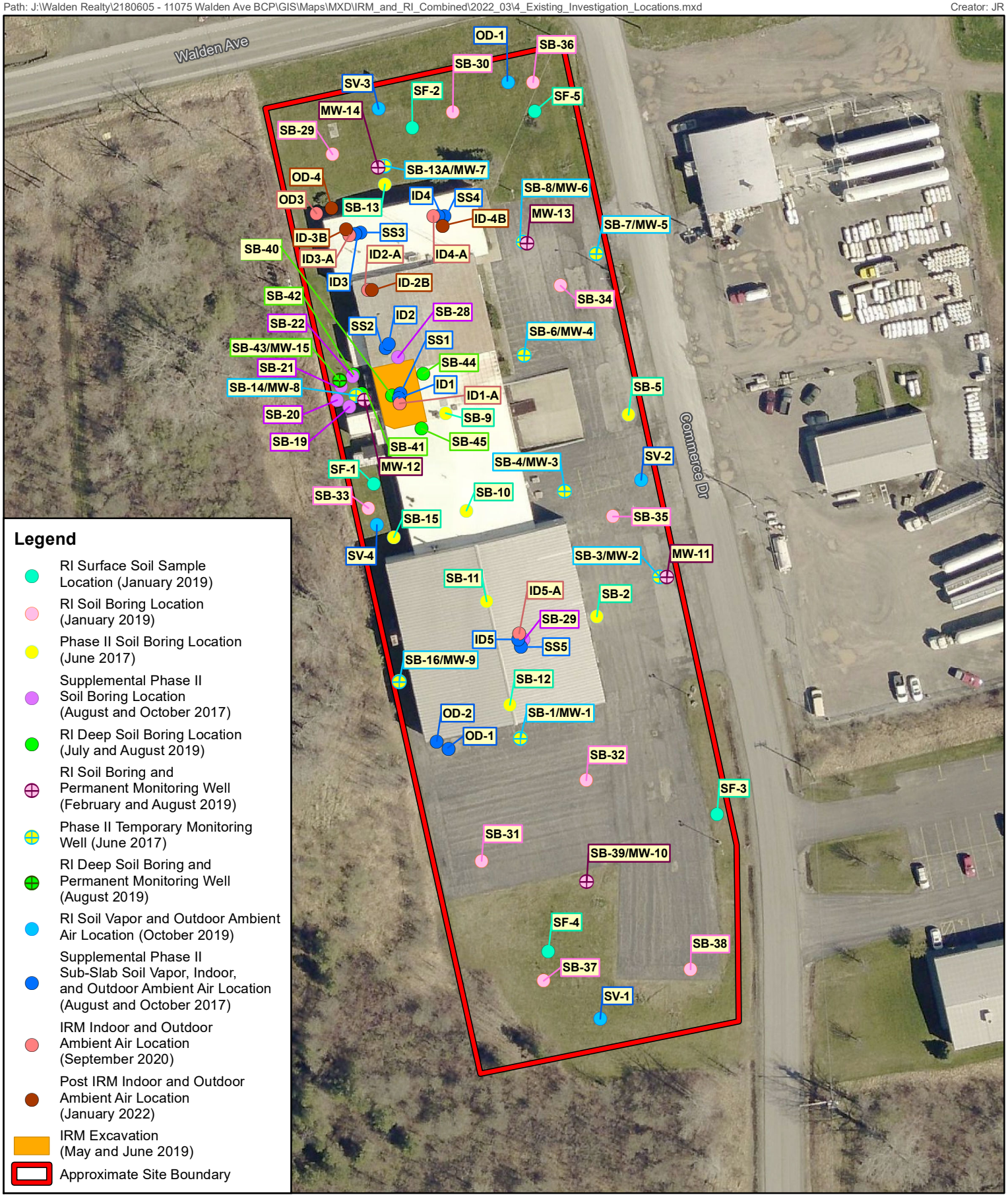
PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2180605 **Figure 4** 4/22/2024	Groundwater Monitoring Wells & In-Situ Treatment Locations	11075 Walden Avenue Alden, New York

N

0 40 80 Feet

LaBella
Powered by partnership.

Data Source: LaBella 2019-2024; Pictometry, 2017.



Legend

- RI Surface Soil Sample Location (January 2019)
- RI Soil Boring Location (January 2019)
- Phase II Soil Boring Location (June 2017)
- Supplemental Phase II Soil Boring Location (August and October 2017)
- RI Deep Soil Boring Location (July and August 2019)
- RI Soil Boring and Permanent Monitoring Well (February and August 2019)
- Phase II Temporary Monitoring Well (June 2017)
- RI Deep Soil Boring and Permanent Monitoring Well (August 2019)
- RI Soil Vapor and Outdoor Ambient Air Location (October 2019)
- Supplemental Phase II Sub-Slab Soil Vapor, Indoor, and Outdoor Ambient Air Location (August and October 2017)
- IRM Indoor and Outdoor Ambient Air Location (September 2020)
- Post IRM Indoor and Outdoor Ambient Air Location (January 2022)
- IRM Excavation (May and June 2019)
- Approximate Site Boundary

PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2180605 **Figure 5** 3/27/2024	Sample Locations	11075 Walden Avenue Alden, New York

N

0 40 80 Feet

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Data Source: LaBella 2017 - 2022; Pictometry 2017.

PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:	
2180605 **Figure 6** 10/4/2023	Occupancy Sketch	11075 Walden Avenue Alden, New York	N Not to Scale LaBella Powered by partnership.

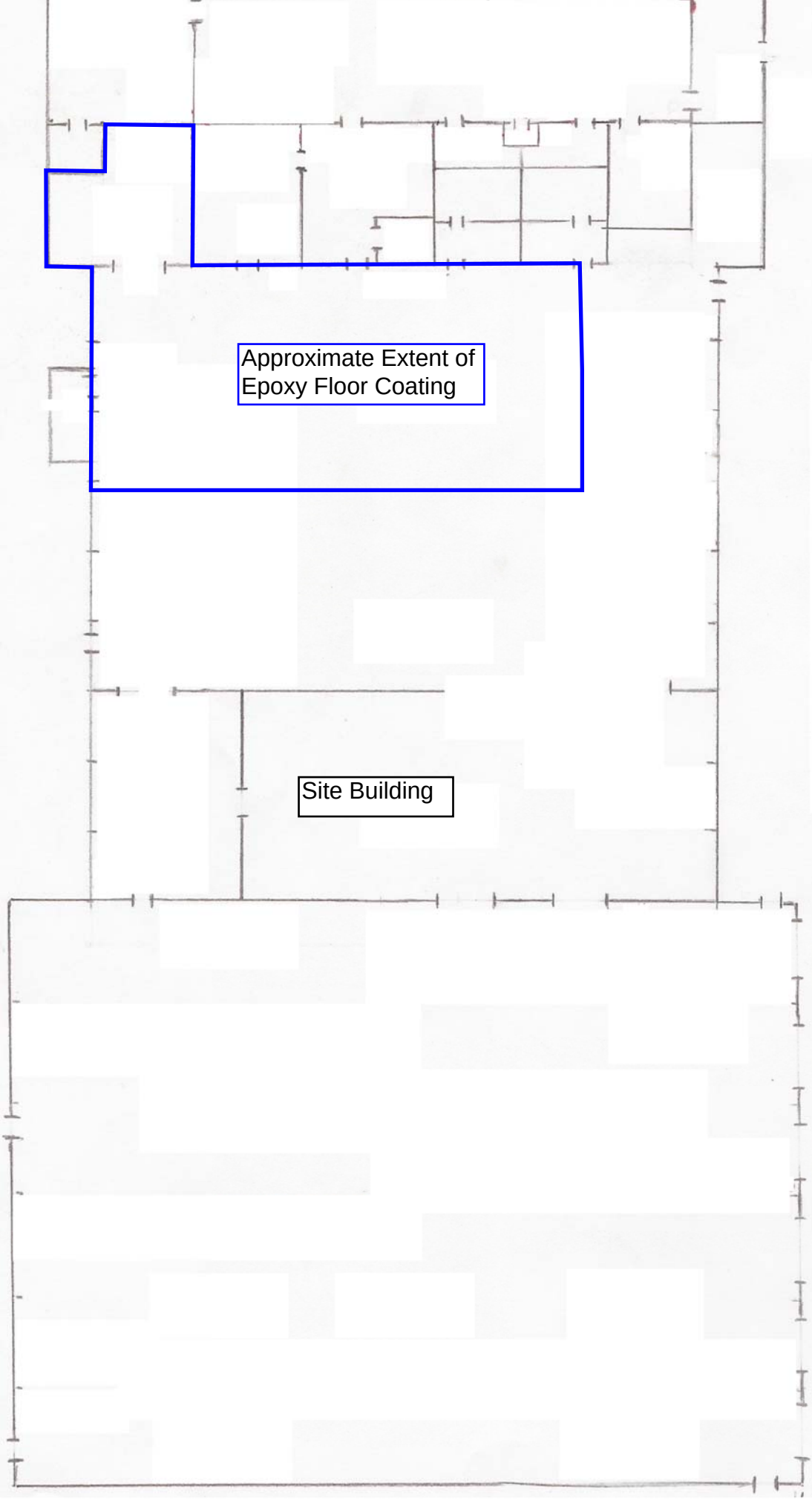

Figure **7**
Epoxy Floor Coating
11075 Walden Avenue

Alden, New York
4/12/2024

LaBella
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Creator: JR

PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2180605 **Figure 8** 6/20/2025	Cover System	11075 Walden Avenue Alden, New York

N

0 40 80 Feet

LaBella
Powered by partnership.

Data Source: LaBella 2020; Pictometry 2017.

Appendix A – Survey Map, Metes and Bounds

NOTES:

-ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MAP MARKED WITH THE SIGNATURE AND AN ORIGINAL OF THE LAND SURVEYOR'S SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.

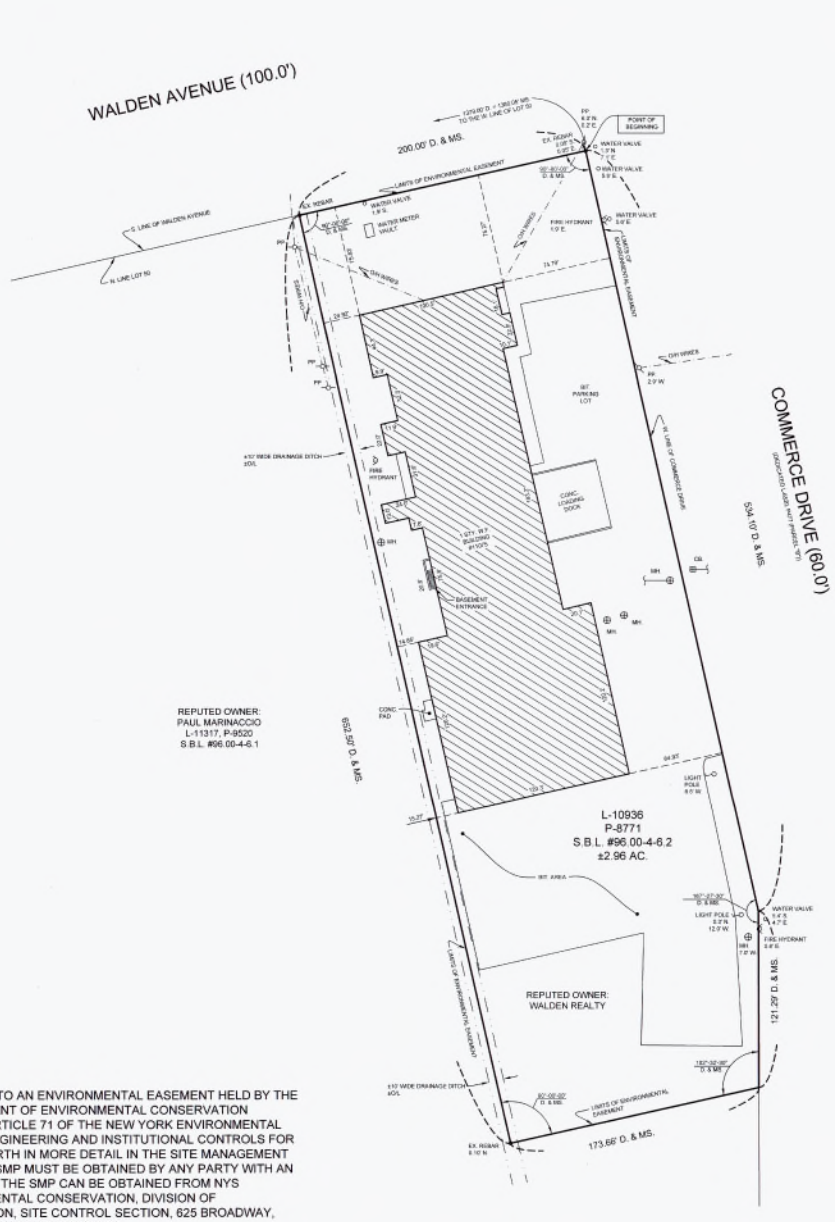
-UNAUTHORIZED ALTERATION OR ADDITION TO ANY SURVEY DRAWING, DESIGN, SPECIFICATION, PLAN OR REPORT IS A VIOLATION OF SECTION 7209, PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

ENVIRONMENTAL EASEMENT AREA ACCESS

THE ENVIRONMENTAL EASEMENT AREA MAY BE ACCESSED AS SHOWN HEREON THROUGH ANY EXISTING STREET ACCESS OR BUILDING INGRESS/EGRESS ACCESS POINT

PROJECT LOCATION MAP

NOT TO SCALE



REPUTED OWNER:
PAUL MARINACCIO
L-11317, P-9520
S.B.L. #96.00-4-6.1

LEGEND:

AC. = ACRES
APPROX. = APPROXIMATE
AVE. = AVENUE
BIT. = BITUMINOUS
CB = CATCH BASIN
CH. = CHAIN
CONC. = CONCRETE
COR. = CORNER
C.T.V. = CABLE TV BOX
℄ = CENTERLINE
D. = DEED
DIA. = DIAMETER
DIST. = DISTANCE
E = EAST
EJB = ELECTRICAL JUNCTION BOX
ENC. = ENCROACHMENT
ESMT. = EASEMENT
EX. = EXISTING
FNC. = FENCE
GAR. = GARAGE
IP. = IRON PIPE
L = LIBER

MH = MANHOLE
MP. = MAP
MS. = MEASURED
N = NORTH
OH = OVERHEAD
OIL = OIL LINE
PO. = PORCH
PP = POWER POLE
P = PAGE
℗ = PROPERTY LINE
PAVT = PAVEMENT
RD. = ROAD
S = SOUTH
ST. = STREET
STY. = STORY
TJB = TELEPHONE JUNCTION BOX
TYP. = TYPICAL
W = WEST
W/ = WITH
WD. = WOOD
W.F. = WOODFRAME

⊕ = MANHOLE
⊞ = CATCH BASIN
☼ = LIGHT POLE
-o- = POWER POLE
● = EXISTING IRON PIPE

★ = EXISTING REBAR
○ = WATER VALVE
-Δ- = FIRE HYDRANT

THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE NEW YORK ENVIRONMENTAL CONSERVATION LAW. THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN MORE DETAIL 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 NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT DERWEB@DEC.NY.GOV

WENDEL PROJECT NUMBER: 2963-19-05/030
DRAWING NAME: 05.030
ENVIRONMENTAL EASEMENT SURVEY

METES AND BOUNDS DESCRIPTION OF PROPERTY (DEED L-10936, P-8771) FOR TAX ID No. 96.00-4-6.2 TOWN OF ALDEN, ERIE COUNTY, STATE OF NEW YORK

ALL THAT TRACT OR PARCEL OF LAND, SITUATE IN THE TOWN OF ALDEN, COUNTY OF ERIE AND STATE OF NEW YORK, BEING PART OF LOT No. 50, TOWNSHIP 11, RANGE 5, OF THE HOLLAND LAND COMPANY'S SURVEY, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE SOUTH LINE OF WALDEN AVENUE; SAID LINE ALSO BEING THE NORTH LINE OF LOT No. 50, DISTANT 1379 FEET EASTERLY FROM ITS INTERSECTION WITH THE WESTERLY LINE OF LOT No. 50; RUNNING THENCE SOUTHEASTERLY AT RIGHT ANGLES, 534.10 FEET; CONTINUING THENCE SOUTHERLY AND FORMING AN INTERIOR ANGLE OF 167°-27'-30" WITH THE LAST DESCRIBED COURSE, 121.29 FEET; RUNNING THENCE WESTERLY AND AT AN INTERIOR ANGLE OF 102°-32'-30", 173.66 FEET; RUNNING THENCE NORTHERLY AT RIGHT ANGLES, 652.50 FEET TO A POINT IN THE SOUTH LINE OF WALDEN AVENUE; RUNNING THENCE EASTERLY AT RIGHT ANGLES, 200 FEET TO THE PRINCIPAL POINT OR PLACE OF BEGINNING.

METES AND BOUNDS DESCRIPTION OF PROPERTY (AS MEASURED) FOR TAX ID No. 96.00-4-6.2 TOWN OF ALDEN, ERIE COUNTY, STATE OF NEW YORK

ALL THAT TRACT OR PARCEL OF LAND, SITUATE IN THE TOWN OF ALDEN, COUNTY OF ERIE AND STATE OF NEW YORK, BEING PART OF LOT No. 50, TOWNSHIP 11, RANGE 5, OF THE HOLLAND LAND COMPANY'S SURVEY, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE SOUTH LINE OF WALDEN AVENUE; SAID LINE ALSO BEING THE NORTH LINE OF LOT No. 50, DISTANT 1380.05 FEET EASTERLY FROM ITS INTERSECTION WITH THE WESTERLY LINE OF LOT No. 50; RUNNING THENCE SOUTHEASTERLY AT RIGHT ANGLES, 534.10 FEET; CONTINUING THENCE SOUTHERLY AND FORMING AN INTERIOR ANGLE OF 167°-27'-30" WITH THE LAST DESCRIBED COURSE, 121.29 FEET; RUNNING THENCE WESTERLY AND AT AN INTERIOR ANGLE OF 102°-32'-30", 173.66 FEET; RUNNING THENCE NORTHERLY AT RIGHT ANGLES, 652.50 FEET TO A POINT IN THE SOUTH LINE OF WALDEN AVENUE; RUNNING THENCE EASTERLY AT RIGHT ANGLES, 200 FEET TO THE PRINCIPAL POINT OR PLACE OF BEGINNING. CONTAINING 2.96 ACRES, MORE OR LESS.

ALTERATION OF THIS DOCUMENT, EXCEPT BY A LICENSED LAND SURVEYOR, IS ILLEGAL

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION SITE NUMBER C915333

PREPARED BY THE CONSULTANT

wendel

Centerpointe Corporate Park * 375 Essjay Road, Suite 200
Williamsville, New York 14221
PHONE: 716.688.0766 FAX: 716.625.6825
WEBSITE: www.wendelcompanies.com
Wendel WD Architecture, Engineering, Surveying and Landscape Architecture P.C.

MAP OF LANDS OF
WALDEN REALTY LIMITED PARTNERSHIP
SITUATE IN TOWN OF ALDEN, COUNTY OF ERIE, STATE OF NEW YORK
LOT 50, TOWNSHIP 11, RANGE 5 OF THE HOLLAND LAND COMPANY'S SURVEY,
TAX MAP NO.: 96.00-4-6.2
11075 WALDEN AVENUE

0 20 40 80 (FEET)
0 6.096 12.192 24.384 (METERS)

SCALE: 1" = 40'
SCALE: 2.5 cm = 12.192 m
1:500

WE: WENDEL, AND RICHARD N. JOHNSON P.L.S., HEREBY CERTIFY TO WALDEN REALTY LIMITED PARTNERSHIP AND THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION THAT THIS MAP WAS PREPARED MAY 15, 2019 FROM NOTES OF AN INSTRUMENT SURVEY COMPLETED BY US ON MAY 13, 2019, AND THAT IN OUR PROFESSIONAL OPINION THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE CURRENT CODE OF PRACTICE FOR LAND TITLE SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS. THIS SURVEY IS CERTIFIED TO THOSE NAMED ABOVE AND DOES NOT EXTEND TO SUBSEQUENT OWNERS, MORTGAGEES OR TITLE INSURERS, UNLESS THIS SURVEY HAS BEEN RESURVEYED FOR THIS PURPOSE BY THE SURVEYOR. THIS MAP IS SUBJECT TO ANY EASEMENTS OR ENCUMBRANCES THAT AN ABSTRACT OF TITLE MAY SHOW.

STATE OF NEW YORK · RICHARD NATHAN JOHNSON · 051043 · LICENSED LAND SURVEYOR

6/17/2019
RICHARD N. JOHNSON, LAND SURVEYOR #051043 DATE

SHEET 1 of 1 **CHECKED BY:** RNJ

Appendix B – Electronic Version of FER with All Supporting Documents

Appendix C – Interim Remedial Measures Work Plans

Interim Remedial Measures Work Plan

Location:

BCP Site # C915333
11075 Walden Avenue
Alden, New York 14004

Prepared for:

Walden Realty Limited Partnership/ Doritex Corp.
11980 Walden Avenue
Alden, New York

LaBella Project No. 2180605

November 28, 2018

Olympic Towers, 300 Pearl Street, Suite 130 | Buffalo, NY 14202 | p 716-551-6281 | f 716-551-6282
www.labellapc.com

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Appendix 3 – Site Community Air Monitoring Plan

1.0 INTRODUCTION

On behalf of Walden Realty Limited Partnership and Doritex Corp. (collectively, the "Participant"), LaBella Associates, D.P.C. (LaBella) is pleased to submit this Interim Remedial Measures (IRM) Work Plan (IRMWP) to conduct remedial activities at 11075 Walden Avenue, Town of Alden, Erie County, New York, herein after referred to as the "Site." The Site is applying to enter into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) (BCP Site #C915333). A Site Location Map is included as Figure 1.

Information gathered from previous investigations conducted at the Site, as summarized in Section 3.0, have identified the presence of chlorinated volatile organic compound (cVOC) (solvent)-impacted soils, elevated concentrations of Acetone in groundwater, and cVOC-impacted soil vapor beneath the Site Building slab and within the Site Building's indoor air. The activities in this IRMWP will be carried out in accordance with the NYSDEC's Department of Environmental Remediation (DER)-10 (*Technical Guidance for Site Investigation and Remediation)* issued May 3, 2010 after Participants executes a Brownfield Cleanup Agreement with NYSDEC and the Remedial Investigation (RI) Work Plan (RIWP) has been substantially completed to the NYSDEC's satisfaction, and NYSDEC gives written permission to Participant to implement this IRMWP.

2.0 SITE DESCRIPTION AND HISTORY

2.1 Site Description and Surrounding Properties

The Site consists of one tax parcel (SBL #96.00-4-6.2) totaling 2.6± acres. The Site is located in a suburban area south of Walden Avenue and west of Commerce Drive. Figure 2 illustrates the location and boundaries of the current tax parcel configuration associated with the Site. Current Site features include one, single-story 34,858 square foot vacant commercial building (Site Building) on the central portion of the Site. Exterior areas include green space to the north, west and south of the Site Building, asphalt-paved parking areas to the east and south of the Site Building, and commercial buildings further to the east across Commerce Drive.

2.2 Site History

The Site consisted of undeveloped land from at least 1880 to at least 1951 and agricultural land from at least 1938 to at least 1951. The Site appears to have been developed with the original portion of the Site Building in at least 1964. The Site was historically utilized as a commercial laundry facility, including dry cleaning, from at least 1988 (potentially as early as the 1970s by others) through 2006. It should be noted that the Site was listed within the Federal Drycleaners, Resource Conservation and Recovery Act Generator, and Aerometric Information Retrieval System's programs associated with the dry cleaning operations. The Site also reportedly utilized a septic system prior to the mid-1980s. Floor drains noted throughout the Site Building may have previously discharged to an on-site septic system. Furthermore, former on-site operations reportedly included printing. Although available resources to date were consulted, the use of the Site Building in the 1960s is unknown. Adjacent properties have been historically utilized agriculturally and commercially.

2.3 Site Geology and Hydrogeology

According to the USDA Erie County Soil Survey, soils at the Site consist mainly of Kendaia silt loam. Soils of this type are characterized by silt loam, gravelly silt loam and gravelly loam and are generally considered to be somewhat poorly drained soil. Based on the results of LaBella's December 4, 2017 Phase II Environmental Site Assessment (ESA) report, a concrete slab was encountered to 0.6 feet below the ground surface (ft bgs) followed by a gravel sub-base beneath it to a depth of one ft bgs within the Site Building. Non-native materials, including asphalt-paved surface material and sub-base gravel to depths ranging from 0.3 to 0.6 ft bgs, were encountered in select exterior areas of the Site. In addition, a fill layer consisting of brown silty clay intermingled with trace gravel, rock and concrete was encountered to depths ranging from one to two ft bgs proximate the Site Building foundation areas. Native soils generally consisted of brown-red to brown-gray clayey silts typical of outwash plains and alluvial fans to a depth of 16 ft bgs throughout the Site. Depth to groundwater has been measured at the Site between four and ten ft bgs. Bedrock beneath the Site is reported to consist of Marcellus Formation black shale, limestone and sandstone, dating from the Middle Devonian period.

3.0 PREVIOUS INVESTIGATIONS

The IRMWP scope of work was developed utilizing the results of LaBella's December 4, 2017 Supplemental Phase II ESA Report as summarized below:

- cVOC-impacted soil has been identified located beneath the west central portion of the Site Building.
- Soil vapor intrusion sampling conducted within the Site Building identified cVOCs in both indoor air and sub-slab soil vapor samples at concentrations requiring mitigation when compared to New York State Department of Health (NYSDOH) Soil Vapor Intrusion guidance. The source of the impact appears to be related to historical dry-cleaning operations conducted within the Site Building, specifically a dry cleaning machine which was historically located proximate the subsurface impact identified.
- Acetone was identified above NYSDEC Division of Water Technical and Operations Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards in groundwater samples collected from five of the nine temporary groundwater monitoring wells installed at the Site, including at the perimeter.

4.0 STANDARDS, CRITERIA, AND GUIDANCE

This section identifies the Standards, Criteria and Guidance (SCGs) for the Site. The SCGs identified are used in order to quantify the extent of contamination at the Site that require remedial work based on the cleanup goal. The SCGs to be utilized as part of the implementation of this IRMWP are identified below:

Soil SCGs: The following SCGs for soil were used in developing this IRMWP:

- NYSDEC Part 375 Commercial-Use Soil Cleanup Objectives (SCOs)

Soil Vapor SCGs: The following SCGs for soil vapor were used in developing this IRMWP:

- NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006

Table 1 presents the complete list of applicable Commercial-Use SCOs to be utilized as part of the implementation of this IRMWP.

5.0 AREAS OF CONCERN

Based on December 4, 2017 Supplemental Phase II ESA report, the following areas of concern (AOCs) have been identified at the Site.

AOC #1: Impacted Soil Vapor

Sub-slab soil vapor samples collected from beneath the concrete slab of the Site Building identified a soil vapor intrusion concern within the Site Building. As a result, a sub-slab depressurization system (SSDS) will be installed within the Site Building and will be completed within the scope of this IRMWP.

AOC #2: Impacted Soil

Solvent-type odors and elevated photo ionization detector (PID) readings were encountered within soil borings advanced beneath the reported former location of a dry cleaning machine which was historically located within the west central portion of the Site Building. Several elevated concentrations of cVOCs (cis – 1,2- dichloroethene, trans-1,2-dichloroethene, tetrachloroethene and trichloroethene) were identified amongst the soil samples collected from SB-14, SB-17, SB-18 and SB-23 through SB-26 with total VOC concentrations ranging from 176.7 micrograms per kilogram (µg/kg) to 140,102.2 µg/kg. Excavation of this cVOC-impacted soil will be completed within the scope of this IRMWP. In addition, Participants may obtain one or more subsurface soil samples to support an amendment to the Brownfield Cleanup Agreement to qualify the Site for the tangible property credit.

AOC #3: Impacted Groundwater

Acetone was identified exceeding NYSDEC TOGS within five groundwater samples collected and submitted for analysis from MW-2, MW-4, MW-5, MW-6 and MW-7. At the request of the NYSDEC, further investigation of the on-site groundwater will be included during the RI conducted at the Site to attempt to confirm if the identified Acetone concentrations are from an off-site source and to confirm groundwater flow at the Site. It should be noted that no other cVOCs have been detected in groundwater samples collected from the Site at concentrations exceeding NYSDEC TOGS. Unless an on-site source of Acetone is identified during the RI, no further action will be taken as part of this IRMWP with respect to the Acetone.

6.0 OBJECTIVES

The objective of this IRMWP is to install an SSDS and to remove the identified cVOC-impacted soil located beneath the concrete slab in the west central portion of the Site Building in order to eliminate what appears to be the primary source of cVOCs contributing to impacted soil vapor and to eliminate the threat of groundwater contamination. The proposed IRMWP may or may not be the

final remedy for the Site depending on the findings and conclusions of the RI report and NYSDEC's decision document for the Site. The overall objective for the Site is re-use for commercial/industrial-type operations.

7.0 SUMMARY OF REMEDIAL GOALS

The proposed future use of the Site is commercial/industrial in nature. As such, at a minimum, the IRMWP is intended to eliminate or mitigate all significant threats to public health and/or the environment presented by the subsurface impacts identified with AOCs #1 and #2 through the proper application of scientific and engineering principles.

The Remedial Goals for this IRMWP are as follows:

1) Mitigate soil vapor intrusion within the Site Building.
2) Excavate cVOC-impacted soil associated with AOC 2.
3) Transport impacted materials to a NYS part 360 permitted landfill for proper disposal.
4) Confirm excavation limits through confirmatory soil sampling.
5) Backfill the excavation with imported clean material.

Impacted soils and liquid materials shall be addressed in accordance with applicable local, state, and federal regulations.

8.0 INTERIM REMEDIAL MEASURES PLAN

All IRM field activities will be completed in accordance with the Site Health and Safety Plan (HASP) and Site Community Air Monitoring Plan (CAMP) included in Appendix 2 and Appendix 3, respectively.

8.1 Sub-Slab Depressurization System Installation – AOC #1

8.1.1 System Overview

The SSDS will be designed and installed within the Site Building in accordance with the United States Environmental Protection Agency (USEPA) 402-L-03-007 (May 2006) and the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York dated October 2006 (and associated amendments). Although the design and configuration of the SSDS has not been confirmed at this time; such typically include the following:

- Sub-slab air communication testing at the start of the work to verify the proposed design.
- Installation and connection of exterior mounted radon fans via polyvinyl chloride (PVC) to strategically located interior sub-slab suction points.
- Subsequent installation, completion of vacuum testing/monitoring to verify vacuum influence.
- Post-Installation Pressure Field Extension Testing and backdrafting testing will then be performed following installation of the SSDS.
- Evaluation of Site Building integrity and if necessary, methods to decrease movement of air through Site Building envelope.

The actual design and configuration of the SSDS will be completed after implementation of the RIWP, and will be submitted for NYSDEC approval prior to implementation.

8.1.2 Indoor Air Sampling

During the heating season and a minimum of at least 30 days after full startup of the SSDS, indoor air samples will be collected from the same locations as shown on Figure 3 in which previous samples were collected within the mitigation area. Specifically five indoor air sample locations will be collected from within the Site Building. One outdoor air sample will also be collected as part of this sampling event.

Air samples will be collected utilizing individually certified-clean 1 liter Summa® canisters (or equivalent) equipped with laboratory calibrated flow controllers. The samples will be collected over an approximate eight hour time period. The indoor and outdoor air samples will be collected at a height of approximately 3 to 5 ft above the floor or ground surface to simulate the breathing zone. The outdoor air sample will be collected at an upwind location of the Site building. Immediately after opening each Summa® canister, the initial vacuum (inches of mercury) and time will be noted and recorded on the laboratory chain-of-custody. After approximately eight hours, final vacuum readings (inches of mercury) will be noted and the Summa® canisters will be closed. All samples will be collected over the same general time period and in the same manner at all locations to minimize possible discrepancies.

Samples will be sent under chain of custody control to a NYSDOH Environmental Laboratory Approval Program certified laboratory for testing. The samples will be tested for a specific list of VOCs using USEPA Method TO-15.

Pending results, these samples will act as "endpoint" samples to confirm "the effectiveness of remedial measures" (i.e. the SSDS) per the NYSDOH Guidance. In the event that one or more of these samples show targeted VOCs at levels above the appropriate SCGs, resampling will be completed within 45 days of the receipt of the validated sample results. If similar results occur, changes to the mitigation system will be made and subsequent sampling will be completed until VOC concentrations in indoor air are below the SCGs.

8.2 Excavation of cVOC-Impacted Soil – AOC #2

The overall excavation associated with AOC #2 will include an approximately 884 square foot area within the west central portion of the Site Building and will be extended to an approximate depth of four ft bgs. Prior to advancement of the excavation, LaBella will complete a structural assessment of the Site Building to evaluate whether structural components of the Site Building would remain uncompromised by the proposed scope of work. The results of the structural assessment will be considered and has the potential to result in modification the scope of work; however, significant modification of the scope of work is not anticipated.

The interior concrete floor will be saw cut to match the anticipated excavation dimensions, demolished, cleared to facilitate access to the subsurface, and properly disposed off-site. Soil excavated will be staged on-site for subsequent characterization and transportation off-site for proper disposal. Although the exact extent and volume of material excavated will be based on the conditions encountered at the time of removal and confirmatory soil sampling, approximately 223 tons of cVOC-impacted soil is anticipated for excavation and disposal. The anticipated limits of the proposed excavation are presented in Figure 3. A LaBella geologist will be on-site during excavation

activities and will continually monitor the removed soils for observed evidence of impairment (visual and olfactory odors) and total VOCs using a PID. Groundwater is not anticipated to be encountered within the first four ft bgs. Good housekeeping practices will be followed to prevent leaving contaminated material on the ground surface (e.g., precautions will be taken to prevent impacts to the ground surface due to material spilled from the excavator bucket). Any material that does spill on to the ground surface will be promptly picked up and placed in an appropriate location.

8.2.1 Confirmatory Soil Sampling

A LaBella geologist will collect confirmatory soil samples. Soil along each sidewall and the floor of the excavation will be sampled in conformance with NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation, May 2010, herein referred to as DER-10. Contaminated soils will be removed from the proposed IRM excavation to the extent practicable. It is anticipated that collaboration with the NYSDEC representative on-site during the implementation of the IRM will be completed to ensure that the IRM excavation is completed to an extent that is both effective and practicable.

Confirmation sample locations and depth will be biased toward the areas and depths of highest contamination identified during previous sampling episodes unless field indicators such as field instrument measurements or visual contamination identified during the remedial action indicate that other locations and depths may be more heavily contaminated, and toward locations and depths of the highest expected contamination. Note that, if field indicators warrant, Participants may also take samples of the more heavily contaminated soil to support an amendment to the Brownfield Cleanup Agreement to qualify the Site for the tangible property credit component.

The scope of the IRM includes the collection of one to two confirmatory soil samples from each sidewall of the excavation and one confirmatory soil sample from the bottom of the excavation. In addition, a field duplicate, MS/MSD and trip blank will be collected and analyzed for Quality Assurance/Quality Control purposes.

If field conditions require the excavation to exceed the anticipated dimensions of the proposed excavation included in the IRMWP, confirmatory soil samples will be collected in accordance with DER-10, Section 5.4. The exact number of confirmatory soil samples required will be determined in the field at the time in which the overall excavation is deemed complete.

- For an excavation of 20 to 300 feet in perimeter: *(it is assumed that AOC 2 will be sampled in accordance with this requirement)*:
    - One sample from each sidewall biased toward the area of the excavation showing the greatest impacts, if any, for every 30 linear feet of sidewall.
    - One sample from the excavation bottom for every 900 square feet of bottom area.
- For excavations greater than 300 feet in perimeter, the confirmatory sampling frequency should be completed in consultation with the NYSDEC.

Confirmatory soil samples will be collected and submitted to a NYSDOH Environmental Laboratory Approval Program certified laboratory. In accordance with the aforementioned sections, the final size of the excavation will determine the exact number of sidewall and bottom samples required. Each confirmation sample will be collected and analyzed for Target Compound List VOCs using USEPA Method 8260. The confirmatory soil sample analytical results will be compared to NYSDEC

Part 375 Commercial-Use SCOs to determine if the excavation is "clean."

Laboratory analytical data packages will be provided as Analytical Services Protocol Category B deliverable packages. A data usability summary report will be provided for each laboratory analytical data package.

The locations of the confirmatory soil samples and the extent of the excavation area will be documented using GPS technology, or measured from building or other Site features. Sample location and elevation data will be provided in the appropriate units and reference system for the NYSDEC Electronic Data Deliverables (EDD). Additionally, elevation data will be provided both in terms of depth relative to ground surface and elevation relative to mean sea level.

8.2.2 Waste Stream Tracking and Verification

The following documentation will be kept in relation to waste streams:

- Correspondence from the facility accepting the waste stream
- Waste profiles
- Waste characterization sampling and analytical results
- Manifests
- Bills of lading
- Weight tickets

The tracking information will be provided in the IRM Construction Completion Report (See Section 9.0 for details).

8.3 Site Restoration

Following completion of the IRM, the excavation will be backfilled generally to pre-existing grade with compacted clean DER-10-approved crushed stone from a NYSDEC-registered construction and demolition debris processing facility that conforms to the requirements of Section 304 of the New York State Department of Transportation *Standard Specifications Construction and Materials Volume 1* (2002) to meet the existing subgrade. Documentation will be provided to NYSDEC as to the source of the material and the consistency of the material in accordance with the exemption for no chemical testing listed in DER-10 Section 5.4(e)(5). Prior to performing backfilling activities, all equipment that has come into contact with impacted soils will be decontaminated (refer to Section 8.9 Decontamination Pad). Following placement of the backfill, the concrete slab will be properly restored.

8.4 Temporary Controls & Site Safety

Water mist and other suitable methods to limit the spread of dust, dirt and vapors/odors/gases shall be used as deemed necessary by the guidelines provided in the site-specific CAMP (Appendix 3). The methods to control fugitive dust, dirt, and vapors/odors/gases may include one or more of the following:

- Wetting equipment and excavation faces.
- Spraying water on buckets during excavation and dumping.
- Reducing excavation sizes.

- Immediately placing any investigation-derived waste in drums and/or covering with plastic sheeting.
- Temporarily covering the excavation with poly sheeting overnight, if needed, based upon the readings obtained from the CAMP.
- Covering portions of the excavation not actively being worked with poly sheeting to further suppress particulate and vapor migration.
- Providing and maintaining all equipment needed to control dust, vapors, and odors prior to starting the excavation.
- Properly ventilating interior work areas.

See the site-specific CAMP (Appendix 3) for additional information on air monitoring, action levels, and engineering controls to address fugitive dust, dirt, and vapors/odors/gases. Additionally, the IRM will consist of safely containing the project work area, and maintaining traffic and access to the Site as needed to ensure public safety.

In order to protect pedestrians as well as Site workers from the hazards associated with completing the IRM, appropriate precautionary measures will be taken to provide adequate safety measures. These safety measures will include (note: some of these measures may not be necessary for smaller excavations):

- If appropriate, approximate respirators will be worn by the Site workers in accordance with the HASP included in Appendix 2 of this IRMWP.
- Placing orange plastic construction/snow fencing or temporary chain link fencing around the work area to establish an exclusion zone.
- Establishing a contaminant reduction zone for personal decontamination (removal of personal protective equipment) and decontamination pad for equipment.
- Placing orange plastic construction/snow fencing around any excavation required to be left open overnight.
- Donning high visibility vests, hard hats, and safety glasses on-site during IRM activities.
- Adhering to the Site HASP included in Appendix 2 of this IRMWP.
- Placing signs in English and Spanish around the perimeter of the work.

8.5 Decontamination Pad

Equipment that comes into contact with impacted material will be properly decontaminated prior to leaving the Site. Wastes generated from decontamination of equipment will be contained and added to other waste stream materials generated at the Site and disposed of properly off-site. A decontamination pad is anticipated to be necessary at the Site and will consist of:

- Two layers of a minimum of 6-mil polyethylene sheeting at a minimum of ten feet in length by ten feet wide.
- A pressure washer available to rinse off equipment with a potable water source provided by the Participants.
- Brooms, brushes, etc.

To prevent cross-contamination to surrounding areas, vehicles (excavators, drill rigs, etc.) and equipment that has contacted contaminated material will be decontaminated prior to leaving the exclusion zone. Water will be containerized from the decontamination pad and disposed of off-site.

9.0 IRM SCHEDULE AND REPORTING – DELIVERABLES

The information and laboratory analytical data obtained during the IRM will be included in an IRM Construction Completion Report (CCR). The CCR will be completed in accordance with NYSDEC DER-10 Section 5.8.

It is anticipated that implementation of the IRMWP will begin within 30 days after NYSDEC-approval, substantial completion of the RIWP, and receipt of the NYSDEC's written approval to proceed and the standard three-day Dig Safely New York waiting period. Completion of the field work is anticipated to require approximately one to two weeks subsequent to implementation of the IRMWP *(Note: this timeframe does not include laboratory analysis or data validation).* The IRM CCR will be submitted within two months of receipt of laboratory analytical results.

The above schedule assumes that an addendum to the IRMWP will not be required. If an IRMWP addendum is required, it will be submitted as the need is identified and it will include a revised schedule.

In addition to the IRM CCR, all data will also be submitted in the NYSDEC-approved EDD format. The data will be submitted on a continuous basis immediately after data validation occurs.

FIGURES

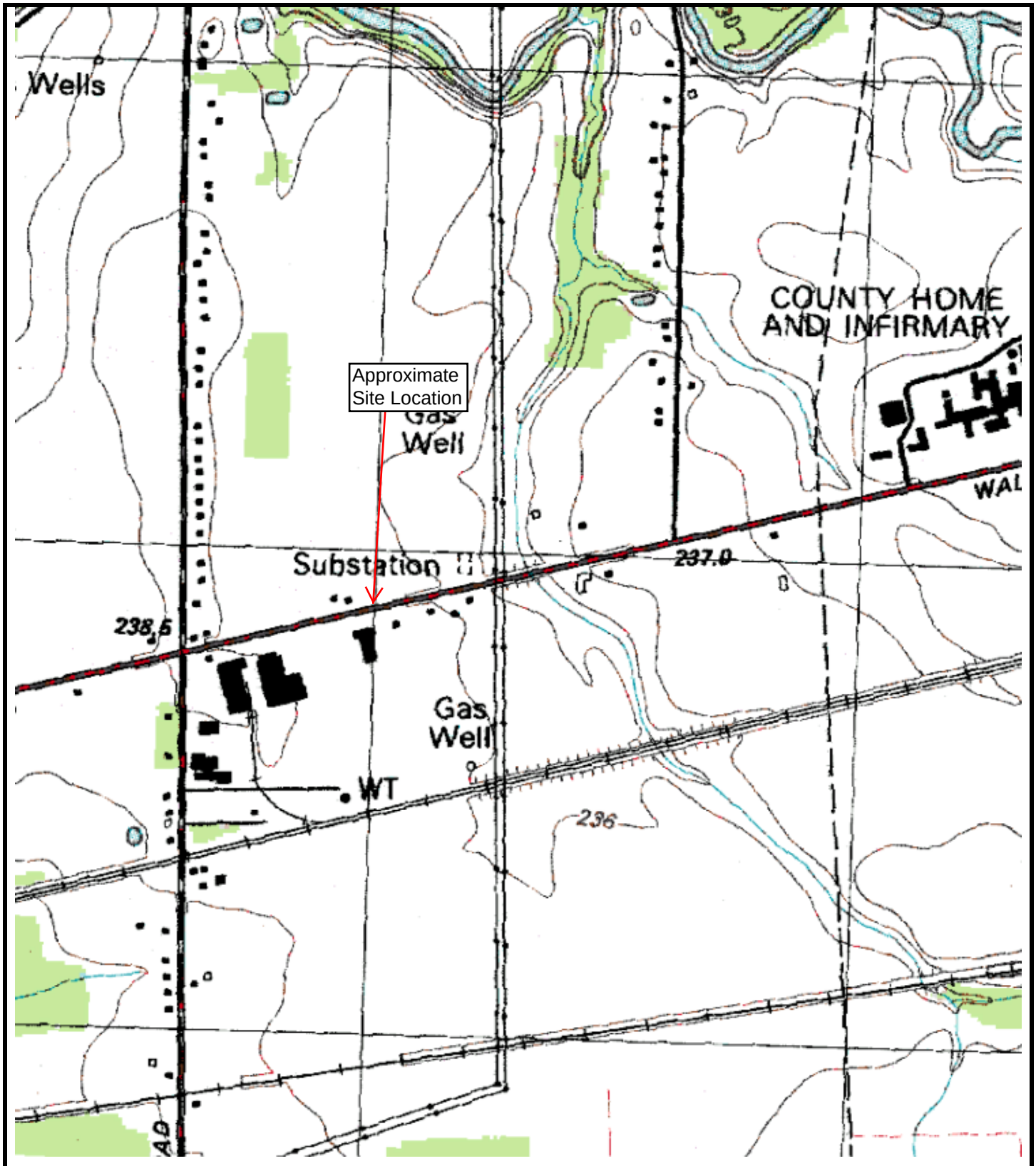

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FIGURE 1
SITE LOCATION MAP

11075 Walden Avenue
Alden, New York

LaBella
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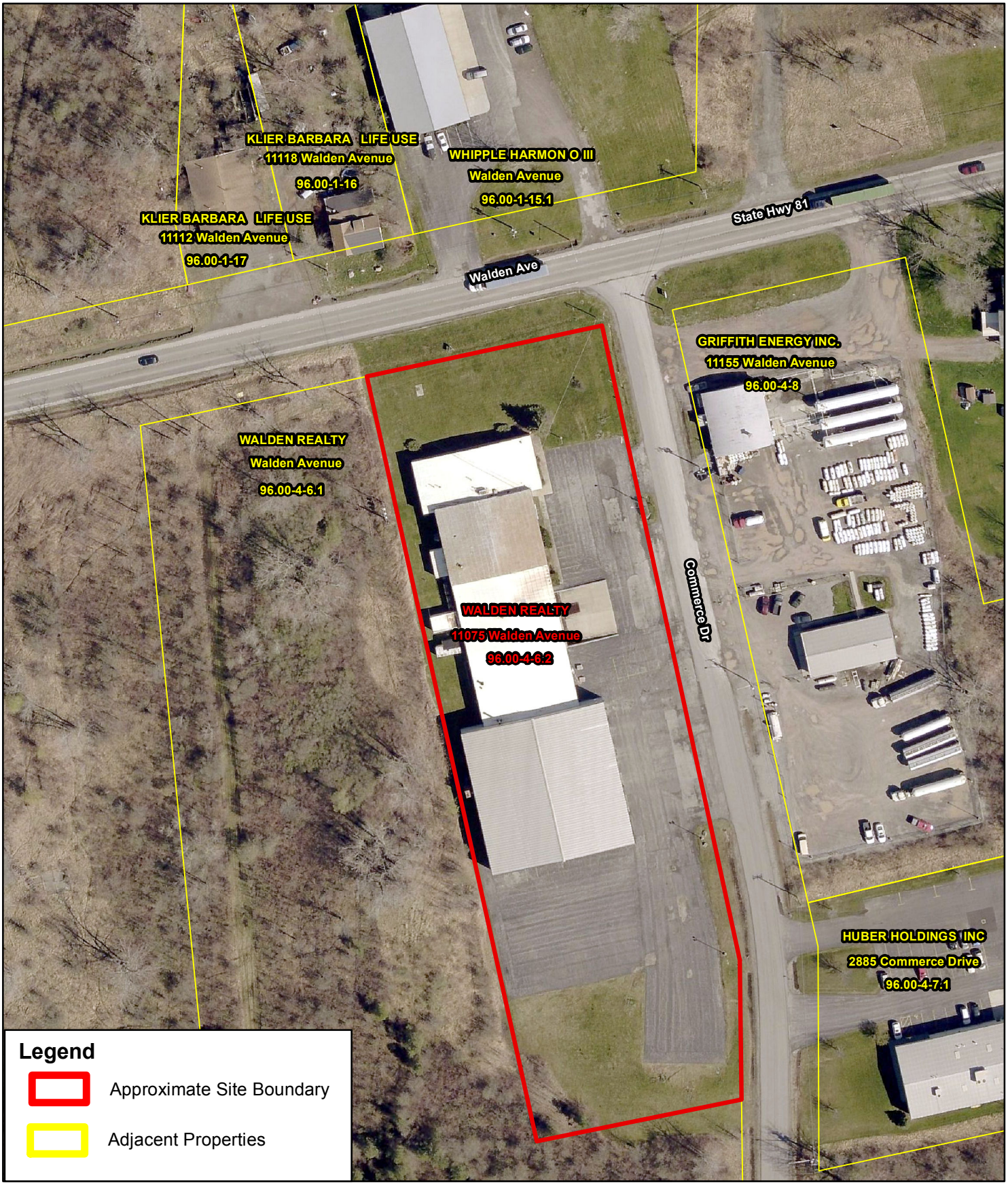
PROJECT NO. 2180605



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PROJECT #/DRAWING #/DATE:	DRAWING TITLE	PROJECT:
2180605 FIGURE 2 3/13/2018	SITE BASE MAP	INTERIM REMEDIAL MEASURES WORK PLAN 11075 WALDEN AVENUE ALDEN, NEW YORK

N
W E
S

0 30 60
Feet
1 inch = 108 feet

INTENDED TO PRINT AS: 8.5" X 11"

LaBella
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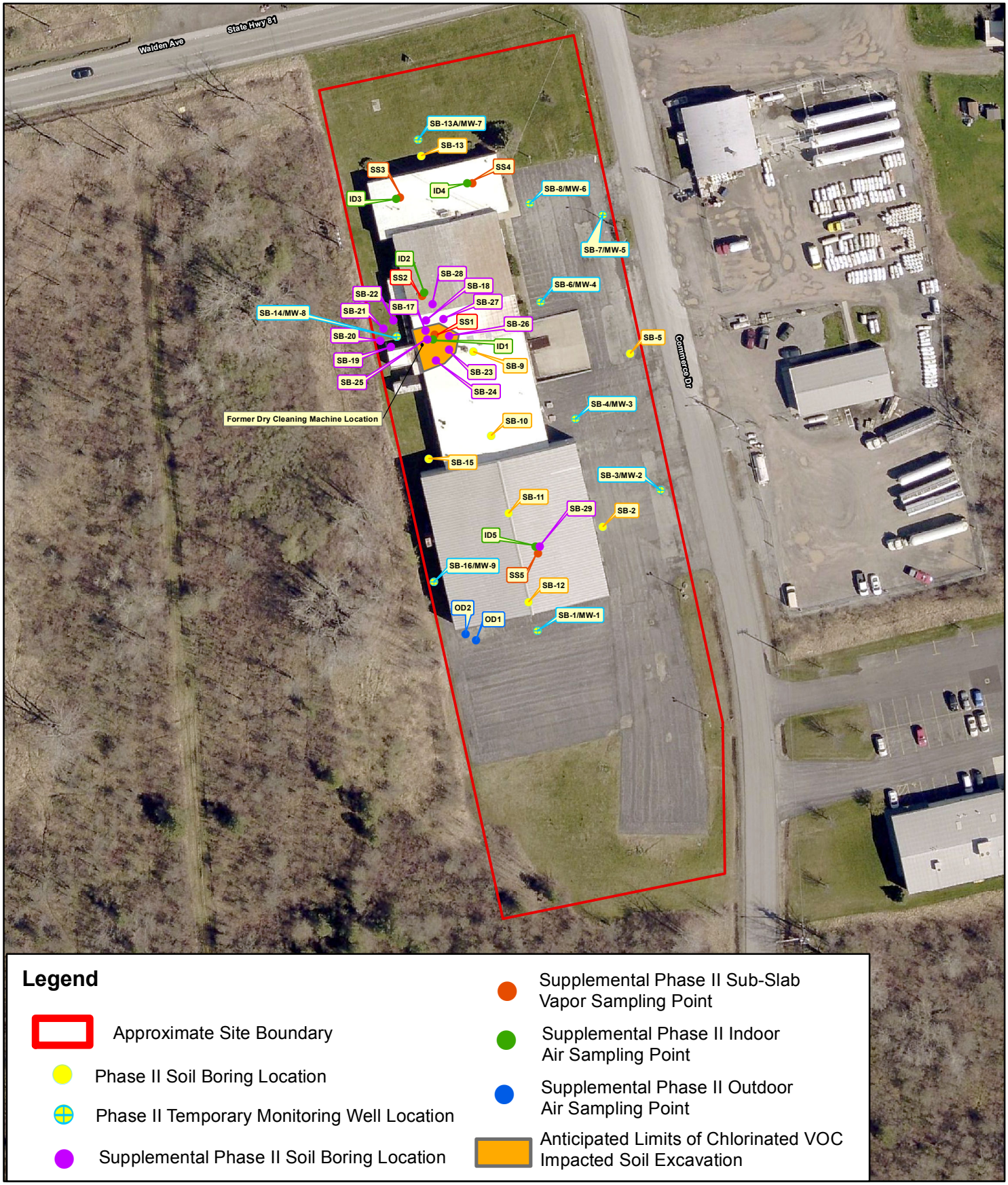

Legend

- Approximate Site Boundary
- Phase II Soil Boring Location
- Phase II Temporary Monitoring Well Location
- Supplemental Phase II Soil Boring Location
- Supplemental Phase II Sub-Slab Vapor Sampling Point
- Supplemental Phase II Indoor Air Sampling Point
- Supplemental Phase II Outdoor Air Sampling Point
- Anticipated Limits of Chlorinated VOC Impacted Soil Excavation

PROJECT #/DRAWING #/DATE:	DRAWING NAME:	PROJECT:
2180605 FIGURE 3 3/14/2018	AREA OF CONCERN	INTERIM REMEDIAL MEASURES WORK PLAN 11075 WALDEN AVENUE ALDEN, NEW YORK

N W E S

0 40 80 Feet

1 inch = 100 feet

INTENDED TO PRINT AS: 8.5" X 11"

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TABLES

Table 1
11075 Walden Avenue
Alden, Erie County, New York
Iterim Remedial Measures Work Plan
6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup

Contaminants	CAS No.	Commercial-Use SCOs
Volatile Organic Compounds (ug/kg)		
Acetone	67-64-1	500,000
Chlorbenzene	108-90-7	500,000
Cyclohexane	110-82-7	NL
1,1-Dichloroethene	75-35-4	500,000
cis-1,2-Dichloroethene	156-59-2	500,000
trans-1,2-Dichloroethene	156-60-5	500,000
Ethylbenzene	100-41-4	390,000
Isopropylbenzene	98-82-8	NL
Methylcyclohexane	108-87-2	NL
Methylene chloride	75-09-2	500,000
Methyl ethyl ketone (2-Butanone)	78-93-3	500,000
4-Methyl-2-pentanone	108-10-1	NL
Tetrachloroethene	127-18-4	150,000
Toluene	108-88-3	500,000
Trichloroethene	79-01-6	200,000
Vinly Chloride	75-01-4	13,000
Total Xylenes	1330-20-7	*500,000

NYSDEC Part 375 Commercial-Use SCOs = New York State Department of Environmental Conservation

6 NYCRR Part 375 Commercial-Use Soil Cleanup Objectives (SCOs) (12/14/2006)

NL = Not listed

ug/kg = micrograms per kilogram

CAS No. = Chemical Abstracts Service Number

* = SCO for mixed Xylenes

APPENDIX 1

Phase II Environmental Site Assessments

LABELLA Associates, D.P.C.
Engineering
Architecture
Environmental
Planning

Olympic Towers, 300 Pearl Street, Suite 130 | Buffalo, NY 14202 | p 716.551.6281 | f 716.551.6282 | www.labellapc.com

Supplemental Phase II Environmental Site Assessment

Location:

11075 Walden Avenue
Alden, New York

Prepared for:

Walden Realty Limited Partnership
c/o Ms. Anne C. Evans
Barclay Damon LLP
200 Delaware Avenue, Suite 1200
Buffalo, New York

LaBella Project No. 2171935

December 4, 2017

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Appendix 1 Field Logs
Appendix 2 NYSDOH Indoor Air Quality Questionnaire and Building Inventory Forms
Appendix 3 Laboratory Reports

1.0 INTRODUCTION

LaBella Associates, D.P.C. (LaBella) completed a Phase II Environmental Assessment (ESA) for the property located at 11075 Walden Avenue, Town of Alden, Erie County, New York (Site) in June 2017. The results of that assessment are summarized in LaBella's Phase II ESA report dated June 28, 2017. Subsequently, LaBella was retained by Walden Realty Limited Partnership (Client) to conduct a Supplemental Phase II ESA for the Site to further evaluate the extent of the chlorinated volatile organic compound (CVOC) impact identified proximate the west exterior of the Site Building (SB-14), and to evaluate whether the subsurface CVOC impact represents a soil vapor intrusion concern to the Site Building. This Supplemental Phase II ESA has been performed in conformance with the scope and limitations of ASTM Practice E 1903-11. It should be noted that the results of LaBella's June 28, 2017 Phase II ESA Report have been included within this report.

1.1 Special Terms & Conditions

The findings of this Phase II ESA are based on the scope of work and project objectives as stated in LaBella's Proposal number P171885 dated July 21, 2017 and LaBella's Supplemental Work Authorization Form dated September 11, 2017.

1.2 Limitations & Exceptions

Work associated with this Phase II ESA was performed in accordance with generally accepted environmental engineering and environmental contracting practices for this region. LaBella makes no other warranty or representation, either expressed or implied, nor is one intended to be included as part of its services, proposals, contracts or reports.

In addition, LaBella cannot provide guarantees, certifications or warranties that the property is or is not free of environmental impairment or other regulated solid wastes. The Client shall be aware that the data and representative samples from any given soil sampling point, monitoring well or vapor sampling point may represent conditions that apply only at that particular location, and such conditions may not necessarily apply to the general Site as a whole.

1.3 Reliance

Walden Realty Limited Partnership may rely upon the findings of this report and should be aware of the agreed upon scope of work and the limitations associated with this Scope of Work.

2.0 BACKGROUND

2.1 Site Description & Features

The Site consists of 2.6 acres of land located southwest of the intersection of Walden Avenue and Commerce Drive. The Site is developed with one single-story, 34,858 square foot vacant building (Site Building) which was constructed in approximately 1964. The exterior of the Site includes green space to the north of the Site Building and asphalt-paved parking areas to the east and south of the Site Building.

2.2 Physical Setting

The Site is located at 11075 Walden Avenue, Town of Alden, Erie County, New York, within a predominantly suburban area. Groundwater flow at the Site appears to generally flow to the west.

2.3 Adjoining/Adjacent Property Use

The following properties border the Site.

Direction	Occupant
North beyond Walden Avenue	Napa Auto Care Center and a residential property
South	Undeveloped forested land
East	Griffith Energy and Hubco Pads
West	Undeveloped forested land

2.4 Summary of Previous Studies by Others

LaBella reviewed a Transaction Screen Environmental Site Assessment Report (Transaction Screen) prepared by Lender Consulting Services, Inc. (LCS) for the Site dated May 4, 2017. Based on the contents of that report, LCS identified the following potential environmental concerns (PECs).

- The Site was historically utilized as an industrial laundry facility, including dry cleaning, from at least 1988 (potentially as early as the 1970s) through 2006. The Site was listed within the Federal Drycleaners, Resource Conservation and Recovery Act (RCRA) Generator, and Aerometric Information Retrieval System's programs associated with the dry cleaning operations.
- The Site utilized a septic system prior to the mid-1980s. Floor drains noted throughout the Site Building may have previously discharged to an on-site septic system.
- Former on-site operations included printing.
- Although all available resources were consulted, the use of the Site Building in the 1960s is unknown.

Subsequently, LaBella completed a subsurface soil and groundwater investigation at the Site to evaluate the PECs above. The results of the subsurface soil and groundwater investigation are summarized within LaBella's Phase II ESA Report dated June 28, 2017. Based on the results of the subsurface soil and groundwater investigation, further investigation was recommended at the Site.

3.0 OBJECTIVE

The objective of this Supplemental Phase II ESA was to further evaluate the extent of CVOC impact identified within soil samples collected from soil boring SB-14, and evaluate whether the subsurface CVOC impact represents a soil vapor intrusion concern to the Site Building.

4.0 SCOPE OF WORK

LaBella completed the following scope of work at the Site.

4.1 Soil Borings

LaBella advanced seventeen soil borings (SB-1 through SB-16 including SB-13A) on June 8 and 9, 2017 with a direct-push sampling system to evaluate the PECs identified within LCS' Transaction Screen dated May 4, 2017. Based on the findings of that investigation, on August 7, 2017, six additional soil borings (SB-17 through SB-22) were advanced at the Site to further evaluate the extent of the CVOC impact identified within soil boring SB-14. Based on the findings of that subsequent investigation, seven additional soil borings (SB-23 through SB-29) were advanced at the Site on October 5, 2017 to further evaluate the extent of CVOC impact identified beneath the Site Building.

Soil borings were advanced to depths ranging from five to 16 feet below the ground surface (ft bgs). The following soil borings: SB-9, SB-10, SB-11, SB-12, SB-17, SB-18 and SB-23 through SB-29 were advanced within the interior of the Site Building. Equipment refusal was encountered within soil boring SB-11 at a depth of 9.1 ft bgs due to a dense brick/concrete material and SB-13 at a depth of five ft bgs due to a dense boulder/rock in the subsurface. Additionally, equipment refusal was encountered in SB-23 through SB-29 at depths of 7.8 to 11 ft bgs due to a laminated clay layer. Soil boring SB-13A was advanced due to the shallow equipment refusal encountered in soil boring SB-13. Soil Boring Logs were completed for each soil boring and are included in Appendix 1. Soil boring locations are depicted on Figure 2.

Soils recovered from the soil borings were continuously assessed for visible impairment, olfactory indications of impairment and indication of detectable volatile organic compounds (VOCs) with a photoionization detector (PID). Select soil samples were placed in a cooler on ice and sent under standard chain of custody procedures to Alpha Analytical Laboratories (Alpha) in Westborough, Massachusetts and Test America in Amherst, New York. Generally, the soil samples collected were analyzed for Target Compound List (TCL) VOCs using United States Environmental Protection Agency (USEPA) Method 8260 and Resource Conservation and Recovery Act (RCRA) Metals using USEPA Method 7470/6010 as detailed within Table 5.

Upon completion of soil boring activities, the removed materials were returned to the bore holes from which they originated. Soil borings advanced within the interior of Site Building were completed with Quickrete to the preexisting surfaces.

4.2 Groundwater Monitoring Wells

Nine temporary two-inch groundwater monitoring wells (MW-1 through MW-9) were installed within soil borings SB-1, SB-3, SB-4, SB-6, SB-7, SB-8, SB-13A, SB-14, and SB-16, respectively, to depths ranging from 12.2 to 14.75 ft bgs. Each well was completed with five feet of 0.010-slot screen. The screens associated with the monitoring wells were connected to an appropriate length of solid PVC well riser to complete the well. The annulus was sand packed with quartz sand to approximately two ft bgs. The remaining annulus was bentonite sealed to the ground surface. Field logs associated with groundwater monitoring activities are included in Appendix 1. Monitoring well locations are detailed on Figure 2.

Monitoring wells MW-1 and MW-3 were purged dry prior to sampling, while monitoring wells MW-2, and MW-4 through MW-9, included purging of at least three well volumes prior to sampling. The groundwater samples were placed in a cooler on ice, and sent under standard chain of custody procedures to Alpha. All nine groundwater samples were submitted for analysis of TCL VOCs using USEPA Method 8260.

4.3 Limited Vapor Intrusion Assessment

On August 3, 2017, LaBella completed a soil vapor intrusion assessment at the Site. Prior to the soil vapor intrusion assessment at the Site on August 3, 2017, site representative Mr. Jim Doro identified the location of the former dry cleaning machine to LaBella. Such location is depicted on Figure 2 within the Appendix. The soil vapor sampling methods utilized were generally consistent with the October 2006 New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion. The soil vapor intrusion assessment included the collection of two sub-slab soil vapor samples (SS1 and SS2) and two indoor air samples (ID1 and ID2) within the northwest portion of the Site Building, and one outdoor ambient air sample (OD1) on the southwest exterior of the Site Building. The sub-slab soil vapor and indoor air sampling locations were selected to evaluate sub-slab and indoor air conditions in portions of the Site Building adjacent to the CVOC impacted soil identified within exterior soil boring SB-14 advanced during LaBella's June 28, 2017 Phase II ESA. The indoor air samples were collected immediately proximate to each sub-slab location. The outdoor air sample was collected from the upwind side of the Site Building.

Subsequently, on October 4, 2017, LaBella completed a supplemental soil vapor intrusion assessment within the north and south interior portions of the Site Building. The soil vapor intrusion assessment included the collection of three sub-slab soil vapor samples (SS3 through SS5) and three indoor air samples (ID3 through ID5) within the north and south interior portions of the Site Building, and one outdoor ambient air sample (OD2) on the southwest exterior of the Site Building. The indoor air samples were collected immediately adjacent to each sub-slab location. The outdoor air sample was collected from the upwind side of the Site Building. The sub-slab soil vapor and indoor air sampling locations were selected to evaluate sub-slab soil vapor and indoor air conditions throughout the Site Building. The locations of the sampling points are depicted on Figure 2.

A hammer drill was utilized to puncture the floor slab at five sub-slab soil vapor sampling point locations. Thereafter, polyethylene tubing and a seal was installed at each puncture location. An enclosure was then constructed and sealed to the sampling point tubing at each location. Subsequently, each enclosure was enriched with helium to conduct a tracer gas evaluation. The polyethylene tubing at each sub-slab soil vapor sampling point was then purged to ensure a representative sample of soil vapor was obtained. During purging, the purged air was monitored for helium via a Radio Detection MGD-2002 Helium Leak Detector. None of the sub-slab soil vapor sampling points exhibited concentrations of the tracer gas greater than 10%, thus all appeared to be sealed properly.

Subsequent to purging, the polyethylene tubing at each sub-slab soil vapor sampling point was connected to a PID to measure total VOCs. In addition, ambient air was also measured for total VOCs with the PID at each indoor and outdoor air sampling location. Table 4 located within the report appendix summarizes the field screening results. No elevated PID measurements were detected within the air sampling locations evaluated.

Summa canisters with laboratory calibrated regulators were connected to each of the five sub-slab soil vapor sampling points for soil vapor sample collection. Summa canisters with regulators were also used to collect indoor air samples proximate each of the sub-slab soil vapor sampling locations resulting in a total of five indoor air samples. Two summa canisters with regulators were utilized to collect outdoor ambient air samples at an upwind location proximate the southwest exterior corner of the Site Building. Each air/sub-slab soil vapor sample was collected continuously over an approximately eight-hour period and sent to Test America for analysis using USEPA test method TO-15.

Based on Site observations, wind was generally out of the southwest. As indicated above, the NYSDOH Indoor Air Quality Questionnaire and Building Inventory forms were completed as part of this assessment and are included in Appendix 2.

5.0 FINDINGS

5.1 Site Geology and Hydrology

The concrete slab of the Site Building was observed at 0.6 ft bgs thick with a gravel sub-base beneath it to a depth of one ft bgs in the soil borings advanced inside the Site Building (SB-9 through SB-12, SB-17, SB-18 and SB-23 through SB-29). Non-native materials including asphalt surface material and sub-base gravel was encountered in exterior soil borings SB-1 through SB-8 to depths ranging from 0.3 to 0.6 ft bgs. A fill layer consisting of brown silty clay with trace gravel, rock, and concrete was encountered in soil borings SB-1, SB-2, SB-9, SB-10, SB-11, and SB-12 to depths ranging from one to two ft bgs. Based on the locations of the fill material encountered, it appears that such was utilized as fill material during construction of the building foundation. Native soils generally consisted of brown-red to brown-gray clayey silts typical of outwash plains and alluvial fans and were observed to a depth of 16 ft bgs. Saturated conditions were encountered in soil borings SB-1, SB-2, SB-4, SB-13A, and SB-14. Due to laminated clays (densely-packed) throughout the Site, saturated conditions were identified at a depth range of four to 10 ft bgs within the aforementioned soil borings.

5.2 Field Observations and Screening

No visible impairment or olfactory indications of impairment were observed within the fill material encountered. Metallic-like odor was identified in SB-17 at depths ranging from 12-16 ft bgs. A strong solvent-type odor was identified with SB-25 at depths ranging from 2-7.9 ft bgs. No suspect visual or olfactory evidence of impairment was observed in any of the remaining soil borings advanced at the Site. The table below summarizes PID readings collected from the soil borings:

Soil Boring PID Readings

Soil Boring ID	Sample Interval (ft bgs)															
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
SB-1	5.3*	1.8	1.4	1.8	0.7	1.7	1.2	2.1	1.9	1.8	0.8	1.3	1.2	1.4	1.1	--
SB-2	1.3	0.9*	1.4	1.4	1.0	1.7	2.1	2.2	1.7	1.8	1.8	0.9	1.3	0.8	1.8	--
SB-3	--	--	--	--	--	1.5	1.7	1.6	1.6	2.1*	2.0	1.4	1.4	1.4	1.1	--
SB-4	0.8	3.0	2.6	2.4	2.8	3.3*	3.1	1.6	2.4	2.0	3.0	2.5	2.2	2.6	2.5	--
SB-5	1.5	1.8	2.8	3.3	1.7	3.2	2.6	2.1	2.0	2.6	2.9	2.7	2.2	1.6	2.6	--
SB-6	3.5	1.8	1.5	1.8	1.8	3.1	3.0	3.4	3.8	4.5	5.0*	3.6	2.6	2.8	3.0	--
SB-7	--	2.6	2.2	2.7	2.8*	2.5	2.5	1.5	1.9	2.1	2.3	2.4	1.8	1.9	1.6	--
SB-8	2.1	2.9	3.1*	2.6	2.4	2.1	2.2	1.9	2.4	2.1	1.4	1.8	2.1	2.0	1.9	--
SB-9	3.7	3.4	6.4	5.4	3.2	3.8	3.2	3.8	3.3	3.2	5.6	5.1	3.1	3.9	3.9	--
SB-10	1.8	1.9	2.5	2.0	1.6	2.6	2.7	2.0	2.5	1.8	2.3	2.1	2.5	2.5	2.3	--
SB-11	2.4	3.8*	2.2	1.6	1.4	2.1	1.8	2.4	2.3	2.2	--	--	--	--	--	--
SB-12	4.8*	3.3	2.2	2.0	1.2	1.3	1.8	2.3	2.5	2.5	1.9	1.8	2.3	1.9	1.8	--
SB-13	1.2	1.3	1.8	1.4	1.6	--	--	--	--	--	--	--	--	--	--	--
SB-13A	0.0	0.0	0.0*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
SB-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0*	0.0	0.0	0.0	0.0	0.0	0.0	--
SB-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
SB-16	0.0	0.0*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
SB-17	158*		27		59		20.2		40.3		57.2		8.9		31.2*	
SB-18	4.4		4.4		2.6		4.3		5.9		8.2		10.0*		4.7	
SB-19	0.9		0.7		1.4		1.2		1.1		0.4		0.9		1.8*	
SB-20	0.3		0.5		0.0		0.0		1.6*		1.0		0.0		0.0	
SB-21	1.8		1.0		0.4		0.2		0.0		0.0		0.9		1.2*	
SB-22	2.1		0.7		2.1*		1		0.9		0.5		--		--	
SB-23	1.4*		0.1		0.1		0.3		0.3		0.1	--	--		--	
SB-24	13.4*		2.8		3.0		12.4		2.2	--	--		--		--	
SB-25	942*		3,674*		524		275	--	--		--		--		--	
SB-26	46.1*		6.2		15.4		10.2		1.7	--	--		--		--	
SB-27	4.4		4.6		15.1*		4.2		--		--		--		--	
SB-28	6.2*		4.6		1.7		1.7	--	--		--		--		--	
SB-29	4.4*		3.8		1.7		1.4	--	--		--		--		--	

Notes:

1. *All PID readings were collected utilizing a Minirae 3000 photoionization detector and are expressed in parts per million.*
2. *The PID screening is performed as a method of determining the general presence or absence of VOCs in soil, and to provide a basis for selecting samples for laboratory analysis. The readings obtained provide only an indication of the relative levels of VOC presence in the soil, and are not considered to be a direct quantization of actual soil VOC concentration.*
3. *"--" denotes boring not completed to above-listed depth or insufficient recovery occurred at specified depth.*
4. *"*" denotes a soil sample was submitted for laboratory analysis from this interval.*

5.3 Laboratory Analytical Results

5.3.1 Soil Laboratory Results

Seventeen VOCs were detected at concentrations above laboratory method detection limits. None of these VOCs were identified above NYSDEC Commissioner's Policy (CP)-51 Soil Cleanup Guidance (SCG) and Part 375 Commercial-Use Soil Cleanup Objectives (SCOs). However, several elevated concentrations of CVOCs (cis – 1,2- dichloroethene, trans-1,2-dichloroethene, tetrachloroethene and trichloroethene) were identified amongst the soil samples collected from SB-14, SB-17, SB-18 and SB-23 through SB-26 with total VOC concentrations ranging from 176.7 micrograms per kilogram (µg/kg) to 140,102.2 µg/kg. Soil laboratory results are summarized in Table 1. Copies of the laboratory reports are included in Appendix 3.

5.3.2 Groundwater Laboratory Results

Based on a review of the laboratory analytical results, several VOCs were detected at concentrations above laboratory method detection limits; however, a majority of these concentrations were identified below NYSDEC Division of Water Technical And Operations Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) with the exception of acetone in samples MW-2, MW-4, MW-5, MW-6, and MW-7 at 110 micrograms per liter (µg/L), 63 µg/L, 58 µg/L, 76 µg/L, and 62 µg/L, respectively. It should be noted that acetone is a common laboratory contaminant. Groundwater laboratory results are summarized in Table 2. Copies of the laboratory report are included in Appendix 3.

5.3.3 Soil Vapor & Indoor Air Laboratory Results

Laboratory results associated with the vapor intrusion assessment are summarized in Table 3 and the laboratory analytical reports are included in Appendix 3. As depicted in Table 3, several VOCs were detected in each sub-slab soil vapor and indoor air sample. The NYSDOH has established guidance documents for determining appropriate action to be taken to address current and potential soil vapor intrusion for a limited number of parameters. The NYSDOH guidance includes matrices to evaluate the results of sub-slab soil vapor and indoor air samples. The May 2017 updated Soil Vapor/Indoor Air Matrices A, B, and C are included following the Tables in the Appendices.

The following table identifies the elevated concentrations of CVOCs detected within the soil vapor and indoor air samples collected and submitted for laboratory analysis.

Sample ID	**SS1**	**ID1**	**SS2**	**ID2**	**SS3**	**ID3**	**SS4**	**ID4**	**SS5**	**ID5**
Sampling Date	8/3/17	8/3/17	8/3/17	8/3/17	10/4/17	10/4/17	10/4/17	10/4/17	10/4/17	10/4/17
Location	Sub-Slab	Indoor Air	Sub-Slab	Indoor Air	Sub-Slab	Indoor Air	Sub-Slab	Indoor Air	Sub-Slab	Indoor Air
VOCs (micrograms per cubic meter)										
Trichloroethene (TCE)	13,000	3.5	5,600	3.1	3.2	3.2	3.3	3.5	4.5	2.4
Tetrachloroethene (PCE)	480,000	19	52,000	12	72	22	30	25	54	15
Cis-1,2-dichloroethene	91,000	2.2	6,700	1.2	4.2	5.6	3.5	5.6	0	3.6

The NYSDOH has established an indoor air guideline of 30 micrograms per cubic meter (µg/m^3) for PCE and 2 µg/m^3 for TCE. The indoor air concentrations of TCE exceeded the NYSDOH guideline throughout the Site Building. The Occupational Safety and Health Administration (OSHA) indoor air guideline applicable to adult workers; however, is 535,000 µg/m^3 and the American Conference of Governmental Industrial Hygienists (ACGIH) indoor air guideline for TCE is 54,000 µg/m^3. The indoor air concentrations of TCE area, therefore, are orders of magnitude lower than the applicable OSHA and ACGIH guidelines.

Concentrations of several additional VOCs were detected above laboratory method detection limits within the indoor air and sub-slab soil vapor samples collected; however, such were either detected at concentrations below NYSDOH Guidance, or current NYSDOH Guidance has not established standards for such VOCs. No elevated concentrations of VOCs were detected within the outdoor ambient air samples collected from OD1 and OD2.

Based on the comparison of laboratory analytical results and NYSDOH guidance matrices, mitigation is required within the areas of SS1, ID1, SS2 and ID2. Additionally, identify source and resample or mitigation is required within the areas of SS3, ID3, SS4, ID4, SS5 and ID5.

6.0 CONCLUSIONS

Based on the results of this assessment, LaBella concludes the following.

- Although not identified at concentrations above NYSDEC CP-51 SCG and Part 375 Commercial-Use SCOs, several CVOCs were identified at elevated concentrations throughout areas of the Site suggesting CVOC-impacted soil is located beneath the west-central portion of the Site Building and proximate the west exterior of the Site Building. Such elevated concentrations were identified proximate SB-25, which was reported as the former location of a dry cleaning machine. Based on laboratory analytical results and field observations, elevated CVOC concentrations were identified at depths of 0.6-4 ft bgs. Laboratory analytical results from soil borings advanced adjacent SB-25 identified decreasing VOC concentrations when compared to VOC concentrations identified within SB-25. Therefore, the extent of elevated VOC concentrations appears to be generally defined and limited beneath the west-central portion of the Site Building proximate the reported former location of the dry cleaning machine.
- While nine VOCs were detected above laboratory method detection limits in the groundwater samples collected throughout the Site, the concentrations of VOCs detected do not exceed applicable NYSDEC guidance. As such, the identified concentrations of VOCs in the Site groundwater do not suggest that groundwater has been adversely impacted by CVOC-impacted soil located beneath the Site Building and proximate the west exterior of the Site Building. Further evaluation of groundwater conditions at the Site does not appear warranted at this time.
- Elevated concentrations of TCE, PCE, and cis-1,2-dichloroethene were detected within all of the indoor air and sub-slab soil vapor samples collected and submitted for laboratory analysis as part of this assessment. According to NYSDOH Soil Vapor Guidance, mitigation is required within the areas of SS1, ID1, SS2 and ID2. Additionally, identify source and resample or mitigation is required within the areas of SS3, ID3, SS4, ID4, SS5 and ID5.

7.0 RECOMMENDATIONS

- A soil vapor mitigation system should be designed and installed within the Site Building to mitigate soil vapor exposures to Site Building occupants.
- Excavation to the extent feasible and proper disposal of the CVOC impacted soil should be considered to reduce soil vapor concerns within the Site Building in the future. Furthermore, removal of the CVOC impacted soil will reduce the potential for migration of subsurface CVOC impact.
- Legal counsel should consulted to evaluate whether the subsurface CVOC impact identified at the Site constitutes a reporting obligation to the NYSDEC.

8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

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.

Report Approved By:

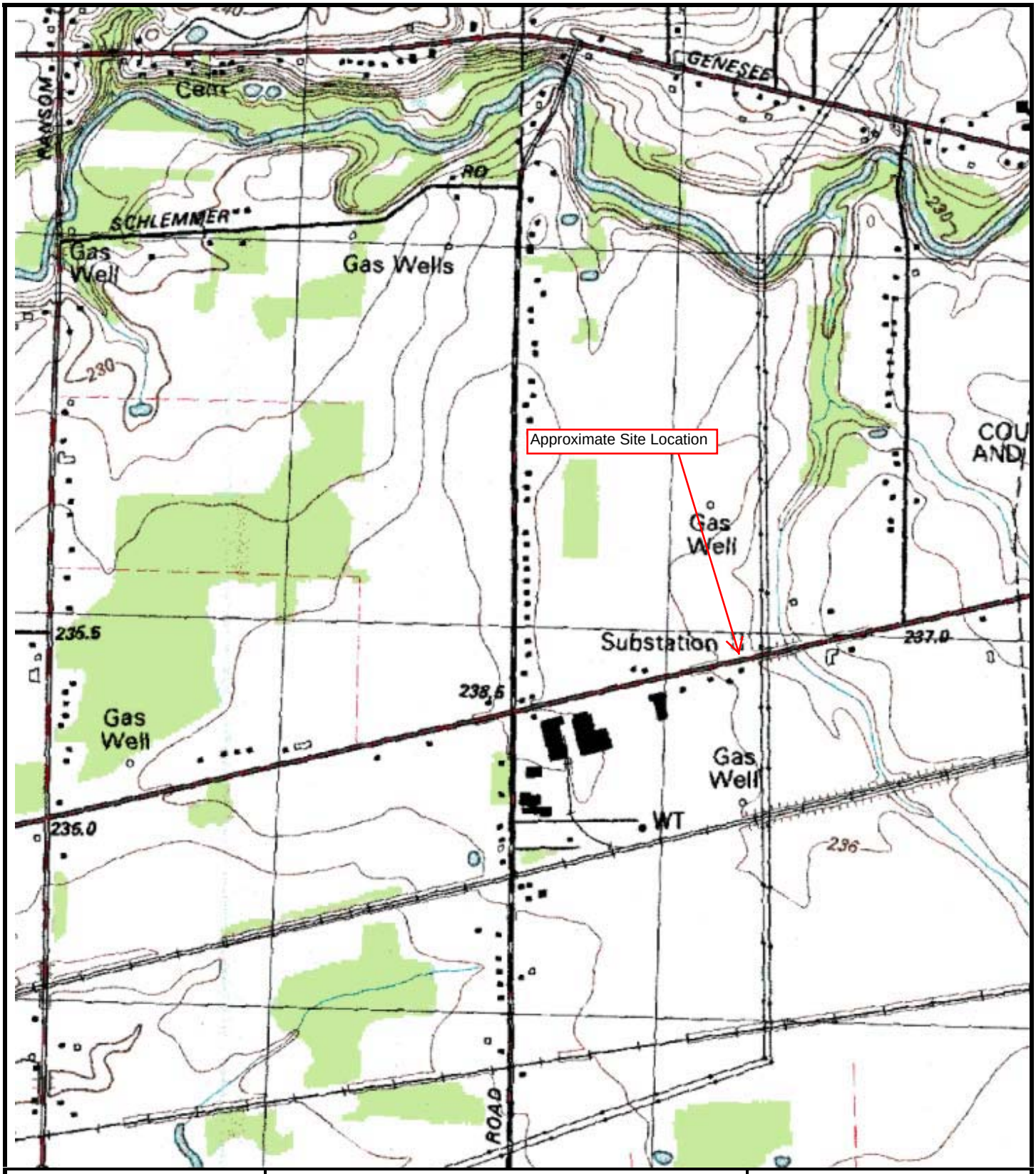
Adam Zebrowski
Director of Environmental Due Diligence
Project Manager
Environmental Professional

Report Prepared By:

Shannon Dalton
Environmental Analyst

LABELLA Associates, D.P.C. | Engineering Architecture Environmental Planning

FIGURES



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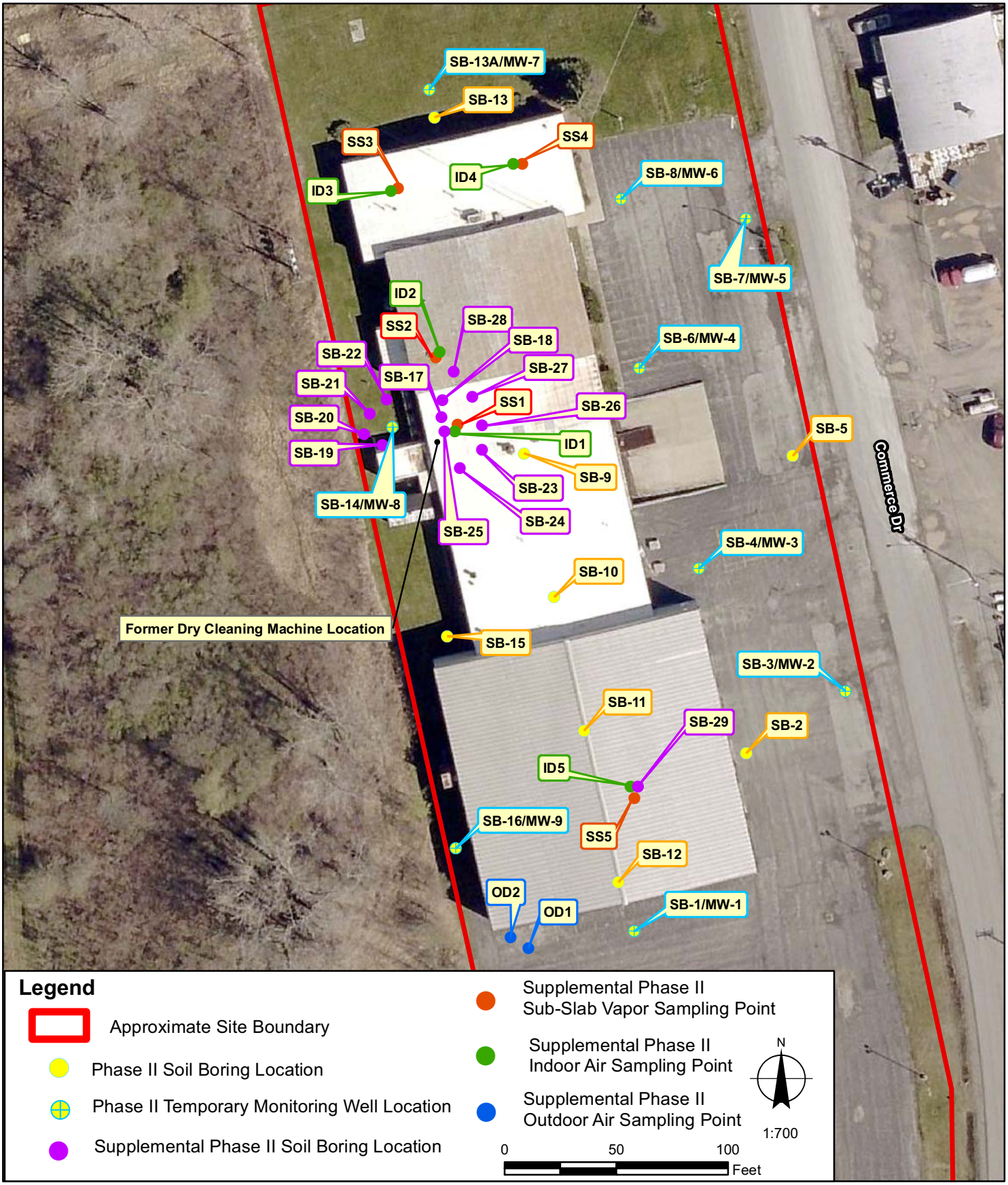
NOT TO SCALE

FIGURE 1
SITE LOCATION MAP

11075 Walden Avenue
Alden, New York

LABELLA

PROJECT NO. 2171935



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PROJECT/DRAWING NUMBER

2171935

FIGURE 2

DRAWING TITLE

SITE INVESTIGATION MAP

ISSUED FOR: REVIEW

DATE: OCTOBER 2017

DESIGNED BY: SND

DRAWN BY: SND

REVIEWED BY: CK

PROJECT/CLIENT

PHASE II ESA

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TABLES

Table 1
11075 Walden Avenue
Alden, New York
Phase II ESA
Summary of Subsurface Soil Analytical Results
(Detected Analytes Only)

Sample ID	SB-1	SB-2	SB-3	SB-4	SB-6	SB-7	SB-8	SB-11	SB-12	SB-13A	SB-14	SB-16	SB-17	SB-17	SB-18	SB-19	SB-20	SB-21	SB-22	SB-23	SB-24	SB-25	SB-25	SB-26	SB-27	SB-28	SB-29	CP-51 SCG	Part 375 Commercial Use SCOs
Depth	0.3-1 ft bgs	1-2 ft bgs	9-10 ft bgs	5-6 ft bgs	10-11 ft bgs	4-5 ft bgs	2-3 ft bgs	1-2 ft bgs	0.6-1 ft bgs	2-3 ft bgs	8-9 ft bgs	1-2 ft bgs	0.6-2 ft bgs	14-16 ft bgs	12-14 ft bgs	14-16 ft bgs	8-10 ft bgs	14-16 ft bgs	4-6 ft bgs	0.6-2 ft bgs	0.6-2 ft bgs	0.6-2 ft bgs	2-4 ft bgs	0.6-2 ft bgs	4-6 ft bgs	0.6-2 ft bgs	0.6-2 ft bgs		
Sample Date	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	8/7/2017	8/7/2017	8/7/2017	8/7/2017	8/7/2017	8/7/2017	8/7/2017	10/5/2017	10/5/2017	10/5/2017	10/5/2017	10/5/2017	10/5/2017	10/5/2017	10/5/2017		
Volatile Organic Compounds (µg/kg)																													
Acetone	2.7 J	NA	<	<	6.7 J	<	22	NA	NA	56	<	<	<	<	<	9 J	<	6.7 J	<	43	23	40	38	<	14	25	37	NL	<
Chlorobenzene	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	<	<	<	4.9	5.7	<	<	<	<	NL	500,000
Cyclohexane	0.44 J	NA	<	0.35 J	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	0.7 J	NL	NL
1,1-Dichloroethene	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	<	<	<	10	5.9	<	<	<	<	NL	500,000
cis-1,2-Dichloroethene	<	NA	<	<	<	<	<	NA	NA	<	1.1	<	120	<	140	<	<	<	<	56	29	<	7,600	<	0.9 J	0.45 J	24	NL	500,000
trans-1,2-Dichloroethene	<	NA	<	<	<	<	<	NA	NA	<	<	<	0.4 J	<	<	<	<	<	<	2.3 J	0.3 J	27	11	<	<	<	1.5 J	NL	500,000
Ethylbenzene	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	<	<	<	1.9 J	4.7	<	<	<	<	1,000	390,000
Isopropylbenzene	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	<	<	<	<	0.59 J	<	<	<	<	2,300	NL
Methylcyclohexane	0.58 J	NA	<	0.33 J	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	NL	NL
Methylene chloride	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	540 J B	19 J B	<	<	<	<	<	<	<	<	<	<	<	<	NL	500,000
Methyl ethyl ketone (2-Butanone)	<	NA	<	<	<	<	<	NA	NA	9.2	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	NL	500,000
4-Methyl-2-pentanone	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	<	<	<	<	1.9 J	<	<	<	<	NL	NL
Tetrachloroethene	1.3	NA	<	<	<	<	<	NA	NA	<	170	<	130,000	<	2,900	0.59 J	<	<	<	6,200	64,000	140,000	49,000	7,700	15 B	6.4 B	0.99 J B	NL	150,000
Toluene	0.24 J	NA	<	<	<	<	<	NA	NA	<	<	<	0.28 J	<	<	<	<	<	<	<	<	7	15	<	<	<	<	700	500,000
Trichloroethene	<	NA	<	<	<	<	<	NA	NA	<	5.6	<	21	<	82	<	<	<	<	44	8.1	<	1,900	4.1	<	<	<	NL	200,000
Vinyl Chloride	<	NA	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	4.1	35	<	<	<	2.4 J	NL	13,000
Total Xylenes	<	NA	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	7.3	22	<	<	<	<	260	500,000
Metals (mg/kg)																													
Arsenic	2.4 J	4.87	NA	NA	NA	NA	NA	2.06	4.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NL	16
Barium	22.6	104	NA	NA	NA	NA	NA	11.3	38.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NL	400
Cadmium	0.107	0.307 J	NA	NA	NA	NA	NA	0.715	0.158 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NL	9.3
Chromium	7.37	8.84	NA	NA	NA	NA	NA	9.38	15.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NL	400/1,500*
Lead	8.2	20.4	NA	NA	NA	NA	NA	20.3	18.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NL	1,000
Mercury	<	0.04 J	NA	NA	NA	NA	NA	<	0.02 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NL	2.8
Selenium	0.4 J	0.627 J	NA	NA	NA	NA	NA	0.198 J	0.869 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NL	1,500

CP-51 SCG = New York State Department of Environmental Conservation (NYSDEC) Commissioner Policy-51 (CP-51) Soil Cleanup Guidance (SCG) for Gasoline and Fuel Oil Contaminated Soils, Tables 2 and 3 (December 2010)

Part 375 Commercial Use SCOs = NYSDEC Part 375 Commercial Use Soil Cleanup Objectives (SCOs), Table 375-6.8(b) (December 2006)

< = Not detected

NL = Not listed

NA = Not analyzed

ft bgs = Feet below the ground surface

µg/kg = Micrograms per kilogram

mg/kg = Milligrams per kilogram

J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

* = Chromium, hexavalent/Chromium, trivalent (The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.)

B = The compound was found in the blank and sample.

Table 2

11075 Walden Avenue

Alden, New York

Phase II ESA

Summary of Groundwater Analytical Results

(Detected Analytes Only)

Sample ID	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	NYSDEC TOGS
Sample Date	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	
Volatile Organic Compounds (ug/L)										
Acetone	18	110	18	63	58	76	62	47	30	50
Benzene	0.34 J	0.34 J	0.5	0.23 J	0.38 J	0.24 J	<	0.28 J	0.18 J	1
Carbon Disulfide	1.3 J	3 J	<	1.8 J	13	<	<	3.6 J	<	NL
Cyclohexane	<	<	0.43 J	<	0.41 J	<	<	<	<	NL
2-Hexanone	<	<	<	<	<	<	2 J	<	<	50
Methylcyclohexane	<	<	0.63 J	<	<	<	<	<	<	NL
Methyl ethyl ketone (2-Butanone)	<	27	4.2 J	15	11	14	14	12	5.8	50
Tetrachloroethene	0.36 J	<	0.31 J	<	<	<	<	0.89	<	5
Toluene	<	<	0.75 J	<	<	<	<	<	<	5

NYSDEC TOGS = New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (June 1998)

< = Not detected

NL = Not listed

J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

ug/L = Micrograms per liter

Concentrations in gray exceed NYSDEC TOGS

Table 3
11075 Walden Avenue, Alden, New York
Phase II ESA
Summary of Soil Vapor Instrusion Analyticial Results
(Detected Analytes Only)

Sample ID	SS1	ID1	SS2	ID2	OD1	SS3	ID3	SS4	ID4	SS5	ID5	OD2
Sampling Date	8/3/2017	8/3/2017	8/3/2017	8/3/2017	8/3/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017
Location	Sub-Slab	Indoor Air	Sub-Slab	Indoor Air	Outdoor Air	Sub-Slab	Indoor Air	Sub-Slab	Indoor Air	Sub-Slab	Indoor Air	Outdoor Air
Volatile Organic Compounds (µg/m3)												
Dichlorodifluoromethane	<	2.4 J	<	2.2 J	2.1 J	2.8 J	2.4 J	2.5 J	2.5	<	2.4 J	2.3 J
Freon 22	<	9.9	<	6.7	1 J	3.7	2.9	3.7	3.2	<	7.9	0.97 J
Chloromethane	<	1.1	<	1 J	1.2	1.1 J	0.92 J	0.97 J	1 J	<	0.99 J	1.1
n-Butane	<	49	320 J	36	1.1 J	110	32	100	35	3,400	63	1.4
Trichlorofluoromethane	<	1.3	<	1.2	1 J	1.5 J	1.4	1.3 J	1.4	<	1.3	1.3
Freon TF	<	0.39 J	<	0.4 J	0.36 J	0.65 J	0.58 J	0.58 J	0.6 J	<	0.58 J	0.56 J
Acetone	<	15	<	12	12	100	9.78 J	87	18	170 J	10 J	26
Isopropyl alcohol	<	0.94 J	<	0.77 J	0.64 J	7.8 J	1.2 J	2.4 J	0.76 J	<	0.85 J	0.94 J
Carbon disulfide	< *	0.24 J*	180 J*	0.22 J*	<*	3 J	0.41 J	3.5	0.4 J	19 J	0.089 J	0.11 J
Methylene chloride	<	0.47 J	<	0.36 J	0.36 J	0.55 J	0.37 J	0.57 J	0.31 J	<	0.61 J	0.34 J
n-Hexane	<	1.9	<	1.5	<	37	1.7	38	1.8	1,900	3.4	<
Methyl Ethyl Ketone	<	1.9	<	1.1 J	1.8	17	1.4 J	18	3.5	23 J	1.5	5.7
cis-1,2-Dichloroethene	91,000	2.2	6,700	1.2	<	4.2	5.6	3.5	5.6	<	3.6	<
1,2-Dichloroethene, Total	91,000	2.2	6,700	1.2 J	<	4.4	5.6	3.4	5.6	<	3.6	<
Chloroform	<	<	<	<	<	0.52 J	<	0.8 J	<	<	<	<
1,1,1-Trichloroethane	<	<	<	<	<	0.43 J	<	0.48 J	0.14 J	<	<	<
Cyclohexane	<	0.22 J	<	0.17 J	<	11	0.17 J	16	0.2 J	2,200	0.44 J	<
Carbon tetrachloride	<	0.39 J	<	0.39 J	0.39 J	0.45 J	0.41 J	0.34 J	0.45 J	<	0.4 J	0.4 J
2,2,4-Trimethylpentane	<	0.24 J	<	<	<	1.2 J	0.24 J	1.5 J	0.22 J	23 J	0.33 J	<
Benzene	<	0.32 J	<	0.26 J	0.23 J	7.2	0.31 J	7.5	0.34 J	71	0.35 J	0.28 J
n-Heptane	<	0.63 J	<	0.48 J	<	29	0.53 J	28	0.58 J	1,500	1	<
Trichloroethene	13,000	3.5	5,600	3.1	<	3.2	3.2	3.3	3.5	4.5 J	2.4	<
Methyl isobutyl ketone	<	<	<	3.6	<	7.3	<	7.9	0.59 J	<	<	0.32 J
Toluene	<	0.55 J	620	0.55 J	0.51 J	17	1.1	23	1.3	310	0.95	0.54 J
Tetrachloroethene	480,000	19	52,000	12	0.14 J	72	22	30	25	54 J	15	0.11 J
Methyl Butyl Ketone (2-Hexanone)	<	0.48 J	<	<	<	5.3	<	5.2	0.64 J	<	<	1.3 J
Ethylbenzene	<	<	210 J	<	0.15 J	2.1	0.19 J	2.6	0.32 J	71	0.19 J	<
m,p-Xylene	<	0.4 J	520 J	0.41 J	0.49 J	11	0.67 J	10	1.4 J	340	0.66 J	0.41 J
o- Xylene	<	0.19 J	220 J	0.19 J	0.19 J	3.6	0.3 J	3.5	0.59 J	100	0.29 J	<
Xylene (total)	<	0.59 J	740 J	0.6 J	0.66 J	15	0.96 J	13	2 J	440	0.94 J	0.4 J
Styrene	<	<	<	<	0.18 J	0.72 J	<	0.68 J	<	<	<	<
Cumene	<	<	<	<	<	0.83 J	<	1 J	<	20 J	<	<
n-Propylbenzene	<	<	<	<	<	1.1 J	<	0.89 J	<	16 J	<	<
4-Ethyltoluene	<	<	<	<	<	1.5 J	<	1.3 J	0.31 J	9.1 J	<	<
1,3,5-Trimethylbenzene	<	<	<	<	<	1.7 J	<	1.3 J	0.26 J	20 J	0.2 J	<
2-Chlorotoluene	<	<	<	<	<	<	<	<	0.39 J	<	<	<
1,2,4-Trimethylbenzene	<	0.46 J	<	<	<	3.8	0.35 J	3.7	1.2	18 J	0.6 J.	<
4-Isopropyltoluene	<	<	<	<	<	<	<	<	0.39 J	<	<	<
1,4-Dichlorobenzene	<	1.5	<	0.71 J	<	<	0.57 J	<	0.52 J	<	<	<
Naphthalene	<	<	<	<	<	1.1	<	<	<	<	<	<

Volatile Organic Compounds by USEPA Method TO-15

J = Result is less than the reported limit or requested limit (RL) but greater than or equal to the method detection limit (MDL) and **the concentration is an approximate value.**

* = Laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) is outside acceptable limits.

($\mu g/m^3$) = micrograms per cubic meter

< = Not detected

Table 4
Limited Vapor Intrusion Assessment
11075 Walden Avenue, Alden, New York
Summary of SUMMA Canister Investigation

Sample ID	SS1	ID1	SS2	ID2	OD1	SS3	ID3	SS4	ID4	SS5	ID5	OD2
Location	Middle interior portion of Site Building		North interior of Site Building		South exterior of Site Building	West interior office area (northwest portion of Site Building)		East interior office area (northeast portion of Site Building)		South interior portion of Site Building		Southwest exterior of Site Building
Date	8/3/17	8/3/17	8/3/17	8/3/17	8/3/17	10/4/17	10/4/17	10/4/17	10/4/17	10/4/17	10/4/17	10/4/17
Canister Number	3232	4555	5052	2602	3835	3659	3286	3265	5066	5017	4542	5110
Regulator Number	3954	5000	3934	5219	3048	5186	5168	4747	5016	5000	2761	3752
PID Reading (parts per million)	0	0	0	0	0	5.5	0.1	2.5	0	17.2	0	0
Start Time	8:35	8:35	8:42	8:42	8:45	10:00	10:00	10:05	10:05	10:20	10:20	10:25
Reading	-30	-31	-31	-30	-30	-30	-30	-30	-30	-30	-30	-30
End Time	16:40	16:40	16:45	16:45	16:50	18:00	18:00	18:05	18:05	18:20	18:20	18:25
Reading	-6	-8	-8	-8	-8	-5	-5	-8	-7	-9	-10	-15

-Date: 8/3/17
-Temperature: 74 degrees
-Barometric Pressure: 30.1
-Relative Humidity: 67%

-Date: 10/4/17
-Temperature: 73 degrees
-Barometric Pressure: 30.3
-Relative Humidity: 90 %

Table 5
11075 Walden Avenue, Alden, New York
Phase II Environmental Site Assessment
Laboratory Analysis Performed
(Detected Compounds Only)

Sample ID	Sample Depth (ft bgs)	Date Collected	Laboratory Analyses
SB-1	0.3-1	6/8/2017	TCL VOCs RCRA Metals
SB-2	1-2	6/8/2017	RCRA Metals
SB-11	1-2	6/9/2017	
SB-12	0.6-1	6/9/2017	
SB-3	9-10	6/8/2017	TCL VOCs
SB-4	5-6	6/8/2017	
SB-6	10-11	6/8/2017	
SB-7	4-5	6/8/2017	
SB-8	2-3	6/8/2017	
SB-13A	2-3	6/9/2017	
SB-14	8-9	6/9/2017	
SB-16	1-2	6/9/2017	
SB-17	0.6-2	8/7/2017	
	14-16	8/7/2017	
SB-18	12-14	8/7/2017	
SB-19	14-16	8/7/2017	
SB-20	8-10	8/7/2017	
SB-21	14-16	8/7/2017	
SB-22	4-6	8/7/2017	
SB-23	0.6-2	10/5/2017	
SB-24	0.6-2	10/5/2017	
SB-25	0.6-2	10/5/2017	
	2-4	10/5/2017	
SB-26	0.6-2	10/5/2017	
SB-27	4-6	10/5/2017	
SB-28	0.6-2	10/5/2017	
SB-29	0.6-2	10/5/2017	

TCL VOCS = Target Compound List (TCL) VOCs using United States Environmental Protection Agency (USEPA) Method 8260

RCRA Metals = RCRA Metals using USEPA Method 7470/6010

ft bgs = feet below ground surface

Soil Vapor/Indoor Air Matrix A

May 2017

Analytes Assigned:
Trichloroethene (TCE), *cis*-1,2-Dichloroethene (*c*12-DCE), 1,1-Dichloroethene (11-DCE), Carbon Tetrachloride

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)		
SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	< 0.2	0.2 to < 1	1 and above
< 6	1. No further action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
6 to < 60	4. No further action	5. MONITOR	6. MITIGATE
60 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

Soil Vapor/Indoor Air Matrix B

May 2017

Analytes Assigned:
Tetrachloroethene (PCE), 1,1,1-Trichloroethane (111-TCA), Methylene Chloride

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)		
SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	< 3	3 to < 10	10 and above
< 100	1. No further action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
100 to < 1,000	4. No further action	5. MONITOR	6. MITIGATE
1,000 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

Soil Vapor/Indoor Air Matrix C

May 2017

Analytes Assigned:
Vinyl Chloride

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)	
SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	< 0.2	0.2 and above
< 6	1. No further action	2. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
6 to < 60	3. MONITOR	4. MITIGATE
60 and above	5. MITIGATE	6. MITIGATE

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

LABELLA Associates, D.P.C. | Engineering Architecture Environmental Planning

APPENDIX 1

Field Logs

LABELLA Associates | Engineering Architecture Environmental Planning

300 Pearl Street, Suite 130
Buffalo, NY 14202

TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-1

Sheet 1 of 1
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski

TIME: 900 to 1000
DATUM:
START DATE: 6/8/17 END DATE: 6/8/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0.3-1		10"	5.3	0.3'	No odors or staining	0-0.3' Asphalt parking lot surface.
1-2		10"	1.8	1'	" "	0.3'-1' Brown Silty clay w/ trace gravel & concrete
2-3		10"	1.4	-	" "	1'-5' Brownish Red Silty clay w/ trace gravel (HS, LP, MJ).
3-4		10"	1.8	-	" "	5'-7' Brownish Red Silty clay w/ trace gravel (HP, MS, Sat)
4-5		10"	0.7	5'	" "	7'-12' Brownish Red Silty clay (HS, LP, MJ).
5-6		12"	1.7	-	" "	12'-15' Brown Silty clay w/ trace gravel (LP, LS, Sat).
6-7		12"	1.2	7'	" "	
7-8		12"	2.1	-	" "	
8-9		12"	1.9	-	" "	
9-10		12"	1.8	-	" "	
10-11		12"	0.8	-	" "	
11-12		12"	1.3	12'	" "	
12-13		12"	1.2	-	" "	
13-14		12"	1.4	-	" "	
14-15		12"	1.1	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/8/17	15'	YES	MW-1

NOTES:- GW @ 12'
- Fill material to 1'
- Tons of water in the well.

LABELLA Associates | Engineering Architecture Environmental Planning

300 Pearl Street, Suite 130
Buffalo, NY 14202

TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-2

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski

TIME: ~~1005~~ to 1100
DATUM:
START DATE: 6/8/17 END DATE: 6/8/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0.3-1		9.6"	1.3	0.8'	No Staining or Odors	0 -0.3' Asphalt Surface
1-2		9.6"	0.9	1'	" "	0.3'-1' Brown Silty clay
2-3		9.6"	1.4	-	" "	w/ trace gravel & rock
3-4		9.6"	1.4	-	" "	1'-5' Brownish Red Silty clay
4-5		9.6"	1.0	5'	" "	w/ trace gravel (MP, MS, wet
5-6		12"	1.7	-	" "	5'- 9' Brownish Red Silty clay
6-7		12"	2.1	-	" "	(MP, MS, Sat).
7-8		12"	2.2	-	" "	9'-15' Brownish Red Clay
8-9		12"	1.7	9'	" "	(LP, HS, M).
9-10		12"	1.8	-	" "	
10-11		10.8"	1.8	-	" "	
11-12		10.8"	0.9	-	" "	
12-13		10.8"	1.3	-	" "	
13-14		10.8"	0.8	-	" "	
14-15		10.8"	1.8	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/8/17	15'	NO	—

NOTES: GW @ 5'
- Fill material to 1'

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300 Pearl Street, Suite 130
Buffalo, NY 14202

TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-3

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski
START DATE: 6/8/17 END DATE: 6/8/17
TIME: 1100 to 1200
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		-	-	-	-	0-0.3' Asphalt surface 0.3'-0.6' Asphalt Subbase material [Angular Gravel] 0.6'-15' Brownish Red Silty Clay (LP, HS, M).
1-2		-	-	-	-	
2-3		-	-	-	-	
3-4		-	-	-	-	
4-5		-	-	-	-	
5-6		12"	1.5	-	No staining or odors	
6-7		12"	1.7	-	" "	
7-8		12"	1.6	-	" "	
8-9		12"	1.6	-	" "	
9-10		12"	2.1	-	" "	
10-11		12"	2.0	-	" "	
11-12		12"	1.4	-	" "	
12-13		12"	1.4	-	" "	
13-14		12"	1.4	-	" "	
14+5		12"	1.1	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/8/17	12'	yes	MW-2

NOTES: No fill encountered
- GW not
- 0'-5' = No recovery

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Buffalo, NY 14202

TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-4

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski

TIME: 1215 to 1380
DATUM:
START DATE: 6/8/17 END DATE: 6/8/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		6"	0.8	0.3'	No staining or odors	0-0.3' Asphalt Surface and subbase material (Angular gravel)
1-2		6"	3.0	-	" "	0.3'-5' Brownish Red Silty clay (MP, MS, M).
2-3		6"	2.6	-	" "	
3-4		6"	2.4	-	" "	
4-5		6"	2.8	5'	" "	5'-15' Brownish Red Silty clay (MP, MS, Sat).
5-6		12"	3.3	-	" "	
6-7		12"	3.1	-	" "	
7-8		12"	1.6	-	" "	
8-9		12"	2.4	-	" "	
9-10		12"	2.0	-	" "	
10-11		12"	3.0	-	" "	
11-12		12"	2.5	-	" "	
12-13		12"	2.2	-	" "	
13-14		12"	2.6	-	" "	
14-15		12"	2.5	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/8/17	14.6	Yes	MW-3

NOTES: -No fill material
-A lot of water in boring

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TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-5

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski

TIME: 1480 to 1800
DATUM:
START DATE: 6/8/17 END DATE: 6/8/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		9.6"	1.5	0.6'	NO staining or odors	0-0.6' Asphalt & Subbase material (Angular gravel).
1-2		9.6"	1.8	-	" "	
2-3		9.6"	2.8	-	" "	0.6'-15' Brown Silty Clay (HS, LP, M).
3-4		9.6"	3.3	-	" "	
4-5		9.6"	1.7	-	" "	
5-6		12"	3.2	-	" "	
6-7		12"	2.6	-	" "	
7-8		12"	2.1	-	" "	
8-9		12"	2.0	-	" "	
9-10		12"	2.6	-	" "	
10-11		12"	2.9	-	" "	
11-12		12"	2.7	-	" "	
12-13		12"	2.2	-	" "	
13-14		12"	1.6	-	" "	
14-15		12"	2.6	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/8/17	15'	NO	-

NOTES: - NO fill material
- NO GW encountered

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TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-6

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski

TIME: ~~1500~~ to 1545
DATUM:
START DATE: 6/8/17 END DATE: 6/8/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		10"	3.5	0.3'	No Staining or Odors	0-0.3' Asphalt & Subbase material (angular gravel).
1-2		10"	1.8	-	" "	0.3'-15' Brownish Red clay w/ trace gravel (HS, LP, M).
2-3		10"	1.5	-	" "	
3-4		10"	1.8	-	" "	
4-5		10"	1.8	-	" "	
5-6		12"	3.1	-	" "	
6-7		12"	3.0	-	" "	
7-8		12"	3.4	-	" "	
8-9		12"	3.8	-	" "	
9-10		12"	4.5	-	" "	
10-11		12"	5.0	-	" "	
11-12		12"	3.6	-	" "	
12-13		12"	2.6	-	" "	
13-14		12"	2.8	-	" "	
14-15		12"	3.0	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/8/17	15'	Yes	MW-4

NOTES: - Fill not encountered
- GW not encountered

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TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-1

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski
START DATE: 6/8/17 END DATE: 6/8/17
TIME: 1700 to 1730
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		12"	-	1'	No Staining or odors	0-1' Asphalt & Subbase material (Angular gravel).
1-2		12"	2.6	-	" "	
2-3		12"	2.2	-	" "	1'-10' Brownish Red Silty Clay (MP, MS, M).
3-4		12"	2.7	-	" "	
4-5		12"	2.8	-	" "	
5-6		12"	2.5	-	" "	10'-15' Brown Clay (MS, MP, M)
6-7		12"	2.5	-	" "	
7-8		12"	1.5	-	" "	
8-9		12"	1.9	-	" "	
9-10		12"	2.1	10'	" "	
10-11		12"	2.3	-	" "	
11-12		12"	2.4	-	" "	
12-13		12"	1.8	-	" "	
13-14		12"	1.9	-	" "	
14-15		12"	1.6	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	15'	Yes	MW-5

NOTES: Very tight clays
- NO GW encountered
- NO fall encountered

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TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-8
Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski
START DATE: 6/8/17 END DATE: 6/8/17
TIME: 1730 to 1815
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		12"	2.1	0.3'	No Staining or odors	0-0.3' Asphalt and Subbase material (Angular gravel)
1-2		12"	2.9	-	" "	
2-3		12"	3.1	3'	" "	0.3'- 3' Brownish Black Silty clay (MP, MS, M).
3-4		12"	2.6	-	" "	
4-5		12"	2.4	-	" "	
5-6		12"	2.1	-	" "	3'-15' Brownish Red Clay w/ trace gravel (HS, LP, M).
6-7		12"	2.2	-	" "	
7-8		12"	1.9	-	" "	
8-9		12"	2.4	-	" "	
9-10		12"	2.1	-	" "	
10-11		12"	1.4	-	" "	
11-12		12"	1.8	-	" "	
12-13		12"	2.1	-	" "	
13-14		12"	2.0	-	" "	
14-15		12"	1.9	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	15'	Yes	MW-6

NOTES: - Very tight clays
- Rill not encountered.

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TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-9

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski

TIME: ~~745~~ to 800
DATUM:
START DATE: 6/9/17 END DATE: 6/9/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		10.8"	3.7	0.6'	NO Staining or odors	0-0.6' Concrete surface 0.6'-1' Brown Silty clay w/ trace gravel 1-5' Brown Silty clay (MP, MS, M) 5'-15' Brownish Red Silty clay w/ trace gravel (MP, MS, M).
1-2		10.8"	3.4	1'	" "	
2-3		10.8"	6.4	-	" "	
3-4		10.8"	5.4	-	" "	
4-5		10.8"	3.2	5'	" "	
5-6		12"	3.8	-	" "	
6-7		12"	3.2	-	" "	
7-8		12"	3.8	-	" "	
8-9		12"	3.3	-	" "	
9-10		12"	3.2	-	" "	
10-11		12"	5.6	-	" "	
11-12		12"	5.1	-	" "	
12-13		12"	3.1	-	" "	
13-14		12"	3.9	-	" "	
14-15		12"	3.9	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	15'	NO	-

NOTES: 18th boring inside Site Building

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TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-10

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski

TIME: 800 to 820
DATUM:
START DATE: 6/9/17 END DATE: 6/9/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		7.2"	1.8	0.6'	No staining or odors	0-0.6' Concrete Surface
1-2		7.2"	1.9	1'	" "	0.6'-1' Brown Silty Clay w/ trace gravel
2-3		7.2"	2.5	-	" "	1'-15' Brownish Red Silty Clay w/ trace gravel (MP, MS, M).
3-4		7.2"	2.0	-	" "	
4-5		7.2"	1.6	-	" "	
5-6		12"	2.6	-	" "	
6-7		12"	2.7	-	" "	
7-8		12"	2.0	-	" "	
8-9		12"	2.5	-	" "	
9-10		12"	1.8	-	" "	
10-11		12"	2.3	-	" "	
11-12		12"	2.1	-	" "	
12-13		12"	2.5	-	" "	
13-14		12"	2.5	-	" "	
14-15		12"	2.3	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	15'	NO	-

NOTES: 10'-15' - there was some water in the Silts & Sand was under pressure.
-NO dill encountered

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Buffalo, NY 14202

TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-11

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski

TIME: 830 to 845
DATUM:
START DATE: 6/9/17 END DATE: 6/9/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		12"	2.4	0.6'	No Staining or Odors	0-0.6' Concrete Surface 0.6'-2' Brown Silty Clay w/ trace gravel, brick, crushed concrete. 2'-9' Brownish Red Silty Clay (LPS, LP, M) Refusal @ 9.1
1-2		12"	3.8	2'	" "	
2-3		12"	2.2	-	" "	
3-4		12"	1.6	-	" "	
4-5		12"	1.4	-	" "	
5-6		12"	2.1	-	" "	
6-7		12"	1.8	-	" "	
7-8		12"	2.4	-	" "	
8-9		12"	2.3	9'	" "	
9-10		12"	2.2	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	9.1	NO	-

NOTES: * Brick / concrete chunch at bottom of core.
- Fill to 2'

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Buffalo, NY 14202

TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-12
Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski
START DATE: 6/9/17 END DATE: 6/9/17
TIME: ~~8~~ 845 to 900
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		9.6"	4.8	0.6'	No Staining or Odors	0-0.6' Concrete Surface
1-2		9.6"	3.3	2'	" "	0.6-2' Brown Silty Clay w/ trace gravel, brick, crushed concrete.
2-3		9.6"	2.2	-	" "	2'-15' Brownish Red Silty Clay w/ trace gravel (M Pl, MS M).
3-4		9.6"	2.0	-	" "	
4-5		9.6"	1.2	-	" "	
5-6		12"	1.3	-	" "	
6-7		12"	1.8	-	" "	
7-8		12"	2.3	-	" "	
8-9		12"	2.5	-	" "	
9-10		12"	2.5	-	" "	
10-11		12"	1.9	-	" "	
11-12		12"	1.8	-	" "	
12-13		12"	2.3	-	" "	
13-14		12"	1.9	-	" "	
14-15		12"	1.8	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	15'	NO	-

NOTES: Fill to 2'
very tight clays

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Buffalo, NY 14202

TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-13
Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski
TIME: 1055 to 1100
DATUM:
START DATE: 6/9/17 END DATE: 6/9/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		7.2"	1.2	0.3'	NO staining or odors	0-0.3' Grass surface & topsoil
1-2		7.2"	1.3	-	" "	
2-3		7.2"	1.8	-	" "	0.3'-4' Brownish Black Silty clay (LP, LS, Wet).
3-4		7.2"	1.4	4'	" "	
4-5		7.2"	1.6	5'	" "	4'-5' Brown silty clay w/ trace gravel
5-6		1"	-	-	" "	5.1 - Hit refusal. Rock in bottom of core.

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	5.1	NO	-

NOTES: - will move north 4-5' and try again.

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Buffalo, NY 14202

TEST BORING LOG
Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-18A
Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski
START DATE:
END DATE:
TIME: 1100 to 1145
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		7.2"	0.0	0.3'	No Staining or odors	0-0.3'- Grass and topsoil
1-2		7.2"	0.0	-	" "	0.3'-4' Brownish Black Silty Clay (MP, MS, Wet).
2-3		7.2"	0.0	-	" "	
3-4		7.2"	0.0	4'	" "	4'-6' Brownish Red Silty Clay (MP, MS, Wet).
4-5		7.2"	0.0	-	" "	
5-6		12"	0.0	6'	" "	6'-15' Brownish Red Silty Clay (LP, HS, M).
6-7		12"	0.0	-	" "	
7-8		12"	0.0	-	" "	
8-9		12"	0.0	-	" "	
9-10		12"	0.0	-	" "	
10-11		12"	0.0	-	" "	
11-12		12"	0.0	-	" "	
12-13		12"	0.0	-	" "	
13-14		12"	0.0	-	" "	
14-15		12"	0.0	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	15'	Yes	MW-7

NOTES:
- Very tight clays - Macro core was overpacking.

LABELLA Associates | Engineering Architecture Environmental Planning

300 Pearl Street, Suite 130
Buffalo, NY 14202

TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-14
Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski
START DATE: 6/9/17 END DATE: 6/9/17
TIME: 1215 to 1245
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		10.0"	0.0	0.6'	No staining or odors	0-0.6' Grass surface & topsoil.
1-2		10"	0.0	-	" "	0.6'-9' Brownish Red Silty Clay w/ trace gravel. (HS, LP, M)
2-3		10"	0.0	-	" "	
3-4		10"	0.0	-	" "	
4-5		10"	0.0	-	" "	
5-6		10.2"	0.0	-	" "	
6-7		10.2"	0.0	-	" "	9'-10.5' Brownish Red Silty Clay w/ trace gravel (MP, MS, wet).
7-8		10.2"	0.0	-	" "	
8-9		10.2"	0.0	9'	" "	
9-10		10.2"	0.0	10'	" "	10.5'-15' Brownish Red Silty Clay w/ trace gravel (LP, HS, M)
10-11		12"	0.0	10.5'	" "	
11-12		12"	0.0	-	" "	
12-13		12"	0.0	-	" "	
13-14		12"	0.0	-	" "	
14-15		12"	0.0	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	15'	Yes	MW-8

NOTES: - Fill not encountered.
- GW encountered @ 10'

LABELLA Associates | Engineering Architecture Environmental Planning

300 Pearl Street, Suite 130
Buffalo, NY 14202

TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-15

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski

TIME: 1300 to 1330
DATUM:
START DATE: 6/9/17 END DATE: 6/9/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		11.2"	0.0	0.3'	No Staining or Odors	0-0.3' Grass and topsoil 0.3'-15' Brownish Red silty clay w/ trace gravel. (MP, MS, M)
1-2		11.2"	0.0	-	" "	
2-3		11.2"	0.0	-	" "	
3-4		11.2"	0.0	-	" "	
4-5		11.2"	0.0	-	" "	
5-6		12"	0.0	-	" "	
6-7		12"	0.0	-	" "	
7-8		12"	0.0	-	" "	
8-9		12"	0.0	-	" "	
9-10		12"	0.0	-	" "	
10-11		12"	0.0	-	" "	
11-12		12"	0.0	-	" "	
12-13		12"	0.0	-	" "	
13-14		12"	0.0	-	" "	
14-15		12"	0.0	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	15'	NO	—

NOTES: -very tight clays

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300 Pearl Street, Suite 130
Buffalo, NY 14202

TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-16

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski

TIME: ~~1345~~ to
DATUM:
START DATE: 6/9/17 END DATE: 6/9/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		12"	0.0	0.6'	No staining or odors	0-0.6' Grass & topsoil 0.6'-3' Brownish Red Silty Clay (LP, MS, wet) 3'-15' Brownish Red Silty Clay w/ trace gravel (HS, LP, M).
1-2		12"	0.0	-	" "	
2-3		12"	0.0	3'	" "	
3-4		12"	0.0	-	" "	
4-5		12"	0.0	-	" "	
5-6		12"	0.0	-	" "	
6-7		12"	0.0	-	" "	
7-8		12"	0.0	-	" "	
8-9		12"	0.0	-	" "	
9-10		12"	0.0	-	" "	
10-11		12"	0.0	-	" "	
11-12		12"	0.0	-	" "	
12-13		12"	0.0	-	" "	
13-14		12"	0.0	-	" "	
14-15		12"	0.0	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	15'	yes	MW-9

NOTES:

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300 Pearl Street, Suite 130

TEST BORING LOG

Phase II ESA

11075 Walden Avenue,
Alden, New York

BORING: SB-17

Sheet 1 of 1
JOB: 2171935
Checked by:

CONTRACTOR: Nature's Way
DRILLER:
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 8/7/17
END DATE: 8/7/17
TIME: 8:35 to 9:40
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0.6-2		6	158		No odors or staining	0-0.6 concrete slab
2-4		6	27		No odors or staining	0.6-2 brown clay silt (m,m)
4-6		24	59		No odors or staining	2-4 gray clay silt (m, m)
6-8		24	20.2		No odors or staining	4-6 brown gray clay silt (m,m)
8-10		22	40.3		No odors or staining	6-8 red brown clay silt (m,m)
10-12		22	57.2		No odors or staining	8-12 red brown clay (l, stiff, m)
12-14		24	8.9		Metallic odor No staining	12-16 gray clay (m,stiff,m)
14-16		24	31.2			

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Sample collected at 0.6-2 ft bgs and 14-16 ft bgs

LABELLA Associates | Engineering Architecture Environmental Planning

300 Pearl Street, Suite 130

TEST BORING LOG

Phase II ESA

11075 Walden Avenue,
Alden, New York

BORING: SB-18

Sheet 1 of 1
JOB: 2171935
Checked by:

CONTRACTOR: Nature's Way
DRILLER:
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 8/7/17
END DATE: 8/7/17
TIME: 9:45 to 10:35
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0.6-2		10	4.4		No odors or staining	0-0.6 concrete slab
2-4		10	4.4		No odors or staining	0.6-1 white grey gravel fill
4-6		24	2.6		No odors or staining	1-4 brown clay silt (m,m)
6-8		24	4.3		No odors or staining	2-4 gray clay silt (m, m)
8-10		24	5.9		No odors or staining	4-12 red brown clay (m, stiff, m)
10-12		24	8.2		No odors or staining	12-16 Brown clay (m,stiff,m)
12-14		24	10		No odors or staining	
14-16		24	4.7		No odors or staining	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Sample collected at 12-14 ft bgs

LABELLA Associates | Engineering Architecture Environmental Planning

300 Pearl Street, Suite 130

TEST BORING LOG

Phase II ESA

11075 Walden Avenue,
Alden, New York

BORING: SB-19

Sheet 1 of 1
JOB: 2171935
Checked by:

CONTRACTOR: Nature's Way
DRILLER:
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 8/7/17
END DATE: 8/7/17
TIME: 13:40 to 14:54
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0.6-2		20	0.9		No odors or staining	0-0.2 grass
2-4		20	0.7		No odors or staining	0.2-4 brown red clay silt (m,m)
4-6		24	1.4		No odors or staining	4-8 brown red clay (m, stiff, m)
6-8		24	1.2		No odors or staining	8-16 brown clay (m, stiff, m)
8-10		24	1.1		No odors or staining	
10-12		24	0.4		No odors or staining	
12-14		24	0.9		No odors or staining	
14-16		24	1.8		No odors or staining	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Sample collected at 14-16 ft bgs

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300 Pearl Street, Suite 130

TEST BORING LOG

Phase II ESA

11075 Walden Avenue,
Alden, New York

BORING: SB-20

Sheet 1 of 1
JOB: 2171935
Checked by:

CONTRACTOR: Nature's Way
DRILLER:
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 8/7/17
END DATE: 8/7/17
TIME: 15:05 to 15:50
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0.6-2		24	0.3		No odors or staining	0-0.2 grass 0.2-4 brown clay (m, stiff, m)
2-4		24	0.5		No odors or staining	4-6 brownish red clay (m, stiff, m)
4-6		24	0		No odors or staining	6-8 brown gray red clay (m, stiff, m)
6-8		24	0		No odors or staining	8-10 brown red clay (m, stiff, m)
8-10		24	1.6		No odors or staining	10-12 gray brown clay (m, stiff, m)
10-12		24	1.0		No odors or staining	12-16 brown red clay (m, stiff, m)
12-14		24	0		No odors or staining	
14-16		24	0		No odors or staining	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Sample collected at 8-10 ft bgs

LABELLA Associates | Engineering Architecture Environmental Planning

300 Pearl Street, Suite 130

TEST BORING LOG

Phase II ESA

11075 Walden Avenue,
Alden, New York

BORING: SB-21

Sheet 1 of 1
JOB: 2171935
Checked by:

CONTRACTOR: Nature's Way
DRILLER:
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 8/7/17
END DATE: 8/7/17
TIME: 16:00 to 17:15
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0.6-2		24	1.8		No odors or staining	0-0.2 grass
2-4		24	1		No odors or staining	0.2-0.8 brown black clay silt (m, m)
4-6		22	0.4		No odors or staining	0.8-2 brown red clay silt (m, m)
6-8		22	0.2		No odors or staining	2-4 brown gray clay (m, stiff, m)
8-10		24	0		No odors or staining	4-6 brown orange clay (m, stiff, m)
10-12		24	0		No odors or staining	6-7 gray clay (m, stiff, m)
12-14		24	0.9		No odors or staining	7-8 brown red clay (m, stiff, m)
14-16		24	1.2		No odors or staining	8-10 brown gray clay (m, stiff, m)
						10-12 brown red clay (m, stiff, m)
						12-14 gray clay (m, m, m)
						14-16 gray clay (m, wet, m)

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Sample collected at 14-16 ft bgs
Rained at 16:52

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300 Pearl Street, Suite 130

TEST BORING LOG

Phase II ESA

11075 Walden Avenue,
Alden, New York

BORING: SB-22

Sheet 1 of 1
JOB: 2171935
Checked by:

CONTRACTOR: Nature's Way
DRILLER:
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 8/7/17
END DATE: 8/7/17
TIME: 17:35 to 18:00
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0.6-2		20	2.1		No odors or staining	0-0.2 grass
2-4		20	0.7		No odors or staining	0.2-2 brown red clay silt (m, m)
4-6		24	2.1		No odors or staining	2-4 brown gray clay (m, stiff, m)
6-8		24	1		No odors or staining	4-6 red brown clay silt (m,m)
8-10		24	0.9		No odors or staining	6-12 brown clay mixed with gravel (m, stiff, m)
10-12		24	0.5		No odors or staining	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Refusal at 12 ft bgs

LABELLA Associates | Engineering Architecture Environmental Planning

300 Pearl Street, Suite 130

TEST BORING LOG

Phase II ESA

11075 Walden Avenue, Alden, New York

BORING: SB-23

Sheet 1 of 1
JOB: 217935
Checked by:

CONTRACTOR: LaBella Envir. LLC
DRILLER: Matt Pepe
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 10/5/17 END DATE: 10/5/17
TIME: 10:45 to
DATUM:

TYPE OF DRILL RIG: 54 LT
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
0.6-2		18	1.4		No odors or staining	0-0.6 – concrete slab
2-4		18	0.1		No odors or staining	0.-6-2 brown clay mixed with gravel (m,m,m)
4-6		24	0.1		No odors or staining	2-6 brown clay (l,st,m)
6-8		24	0.3		No odors or staining	6-10 brown red clay (l,st,m)
8-10		16	0.3		No odors or staining	10-11 brown clay (l,st,m)
10-11		16	0.1		No odors or staining	
					No odors or staining	

GROUNDWATER ENCOUNTERED			
DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Refusal @ 11 ft due to laminated clays
Sample collected at 0.6-2 ft

LABELLA Associates | Engineering Architecture Environmental Planning

300 Pearl Street, Suite 130

TEST BORING LOG

Phase II ESA

11075 Walden Avenue, Alden, New York

BORING: SB-24

Sheet 1 of 1
JOB: 217935
Checked by:

CONTRACTOR: LaBella Envir. LLC
DRILLER: Matt Pepe
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 10/5/17 END DATE: 10/5/17
TIME: 11:30 to
DATUM:

TYPE OF DRILL RIG: 54 LT
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
0.6-2		12	13.4		No odors or staining	0-0.6 – concrete slab
2-4		12	2.8		No odors or staining	0.-6-2 brown clay mixed with gravel (m,m,m)
4-6		24	3.0		No odors or staining	2-4 brown clay (l,st,m)
6-8		24	12.4		No odors or staining	4-9.1 brown red clay (l,st,m)
8-9.1		12	2.2		No odors or staining	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Refusal @ 9.1 ft due to laminated clays
Sample collected at 0.6-2 ft

LABELLA Associates | Engineering Architecture Environmental Planning

300 Pearl Street, Suite 130

TEST BORING LOG

Phase II ESA

11075 Walden Avenue, Alden, New York

BORING: SB-25
Sheet 1 of 1
JOB: 217935
Checked by:

CONTRACTOR: LaBella Envir. LLC
DRILLER: Matt Pepe
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 10/5/17 END DATE: 10/5/17
TIME: 12:00 to
DATUM:

TYPE OF DRILL RIG: 54 LT
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
0.6-2		20	942		No odors or staining	0-0.6 – concrete slab
2-4		20	3,674		Strong solvent odor, no staining	0.-6-2 brown clay mixed with gravel (m,m,m) 2-4 gray clay silt (m,m)
4-6		24	524		Strong solvent odor, no staining	4-4.5 gray clay (l,st,m) 4.5-7.9 brown red clay (l,st,m)
6-7.9		23	275		Strong solvent odor, no staining	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Refusal @ 7.9 ft due to laminated clays
Sample collected at 0.6-2 ft and 2-4 ft

LABELLA Associates | Engineering Architecture Environmental Planning

300 Pearl Street, Suite 130

TEST BORING LOG

Phase II ESA

11075 Walden Avenue, Alden, New York

BORING: SB-26
Sheet 1 of 1
JOB: 217935
Checked by:

CONTRACTOR: LaBella Envir. LLC
DRILLER: Matt Pepe
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 10/5/17 END DATE: 10/5/17
TIME: 12:55 to
DATUM:

TYPE OF DRILL RIG: 54 LT
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
0.6-2		18	46.1		No odors or staining	0-0.6 – concrete slab
2-4		18	6.2		No odors or staining	0.-6-2 gray clay silt mixed with gravel (m,m,m)
4-6		20	15.4		No odors or staining	2-4 gray clay (l,st,m)
6-8		20	10.2		No odors or staining	4-8 red brown clay (l,st,m)
8-8.7		7	1.7		No odors or staining	8-8.7 gray brown clay (l,st,m)

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Refusal @ 8.7 ft due to laminated clays
Sample collected at 0.6-2 ft

LABELLA Associates — Engineering Architecture Environmental Planning 300 Pearl Street, Suite 130	**TEST BORING LOG** Phase II ESA 11075 Walden Avenue, Alden, New York	**BORING: SB-27** Sheet 1 of 1 **JOB:** 217935 Checked by:

CONTRACTOR: LaBella Envir. LLC
DRILLER: Matt Pepe
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 10/5/17 END DATE: 10/5/17
TIME: 13:45 to
DATUM:

TYPE OF DRILL RIG: 54 LT
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
0.6-2		18	4.4		No odors or staining	0-0.6 – concrete slab
2-4		18	4.6		No odors or staining	0.-6-2 brown gray clay silt mixed with gravel (m,m)
4-6		24	15.1		No odors or staining	2-4 brown clay (l,st,m)
6-7.8		24	4.2		No odors or staining	4-7.8 brown red clay (l,st,m)

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Refusal @ 7.8ft due to laminated clays
Sample collected at 4-6 ft

LABELLA Associates — Engineering Architecture Environmental Planning 300 Pearl Street, Suite 130	**TEST BORING LOG** Phase II ESA 11075 Walden Avenue, Alden, New York	**BORING: SB-28** Sheet 1 of 1 **JOB:** 217935 Checked by:

CONTRACTOR: LaBella Envir. LLC
DRILLER: Matt Pepe
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 10/5/17 END DATE: 10/5/17
TIME: 14:10 to
DATUM:

TYPE OF DRILL RIG: 54 LT
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
0.6-2		18	6.2		No odors or staining	0-0.6 – concrete slab
2-4		18	4.6		No odors or staining	0.-6-4 brown clay silt mixed with gravel (m,m)
4-6		23	1.7		No odors or staining	4-7.8 brown red clay (l,st,m)
6-7.8		23	1.2		No odors or staining	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Refusal @ 7.8ft due to laminated clays
Sample collected at 0.6-2 ft

LABELLA Associates — Engineering Architecture Environmental Planning 300 Pearl Street, Suite 130	**TEST BORING LOG** Phase II ESA 11075 Walden Avenue, Alden, New York	**BORING: SB-28** Sheet 1 of 1 **JOB:** 217935 Checked by:

CONTRACTOR: LaBella Envir. LLC
DRILLER: Matt Pepe
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 10/5/17 END DATE: 10/5/17
TIME: 15:40 to
DATUM:

TYPE OF DRILL RIG: 54 LT
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
0.6-2		15	4.4		No odors or staining	0-0.6 – concrete slab
2-4		15	3.8		No odors or staining	0.-6-1 brown clay silt mixed with gravel (m,m)
4-6		24	1.7		No odors or staining	1-4 brown gray clay (l,st,m)
6-7.8		24	1.4		No odors or staining	4-7.8 brown red clay (l,st,m)

GROUNDWATER ENCOUNTERED			
DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Refusal @ 7.8ft due to laminated clays
Sample collected at 0.6-2 ft

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Facsimile: (716) 551-6282

GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-1

Project Name: 11075 Walden Avenue, Lancaster, New York Phase II Investigation
Location: 11075 Walden Avenue, Lancaster, New York
Project No.: 2171362
Sampled By: Jessica Dombrowski
Date: 6/12/2017
Weather: Sunny 78° F

PURGE VOLUME CALCULATION

Well Diameter: 2"
Depth of Well: 14.68 Ft.
Static Water Level: 1.95 Ft. bgs
One Well Volume: 2.0 Gallons

PURGE AND SAMPLING METHOD

☒ Bailer – Type:
Sampling Device:
☐ Pump – Type:
Pump Rate:

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)		Comments

Total 3.0 Gallons Purged DRY @ 3.0 gals.

Purge Time Start: 850
Purge Time End: 905

WELL SAMPLING

Sample I.D.: MW-1
No. of Containers: 3
Sample Time: 915
Sample Preservation: HCL

Sampled For:
☒ VOCs - 8260 TCL
☐ PAHs - 8270
☐ DRO & GRO - 8015
☐ Total RCRA Metals
☐ PCBs
☐ Other:

OBSERVATIONS

Notes: Well was installed in Boring # SB-1

Recharge Behavior: ☑ Fast ☐ Moderate ☐ Slow ☐ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-2

Project Name: 11075 Walden Avenue, Lancaster, New York Phase II Investigation
Location: 11075 Walden Avenue, Lancaster, New York
Project No.: 2171362
Sampled By: Jessica Dombrowski
Date: 6/12/2017
Weather: Sunny 78°F

PURGE VOLUME CALCULATION

Well Diameter: 2"
Depth of Well: 12.2 Ft.
Static Water Level: 11.68 Ft. bgs
One Well Volume: 0.0832 Gallons

PURGE AND SAMPLING METHOD

☒ Bailer – Type:
Sampling Device:
☐ Pump – Type:
Pump Rate:

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)		Comments

Total 0.25 Gallons Purged

Purge Time Start: 930
Purge Time End: 940

WELL SAMPLING

Sample I.D.: MW-2
No. of Containers: 8 2
Sample Time: 945
Sample Preservation: HCL

Sampled For:
☒ VOCs - 8260 TCL
☐ PAHs - 8270
☐ DRO & GRO - 8015
☐ Total RCRA Metals
☐ PCBs
☐ Other:

OBSERVATIONS

Notes: Well was installed in Boring # SB-3
* Only got 2 of 3 VOC vials due to low water level & slow recharge

Recharge Behavior: ☐ Fast ☐ Moderate ☑ Slow ☐ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-3

Project Name: 11075 Walden Avenue, Lancaster, New York Phase II Investigation
Location: 11075 Walden Avenue, Lancaster, New York
Project No.: 2171362
Sampled By: Jessica Dombrowski
Date: 6/12/2017
Weather: Sunny, 78° F

PURGE VOLUME CALCULATION

Well Diameter: 2"
Depth of Well: 14.75 Ft.
Static Water Level: 3.4 Ft. bgs
One Well Volume: 1.82 Gallons

PURGE AND SAMPLING METHOD

☒ Bailer – Type:
Sampling Device:
☐ Pump – Type:
Pump Rate:

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)		Comments

Total 3.0 Gallons Purged DRY @ 3.0 gal.

Purge Time Start: 1015
Purge Time End: 10-25

WELL SAMPLING

Sample I.D.: MW-3
No. of Containers: 3
Sample Time: 1030
Sample Preservation: HCl

Sampled For:
☒ VOCs - 8260 TCL
☐ PAHs - 8270
☐ DRO & GRO - 8015
☐ Total RCRA Metals
☐ PCBs
☐ Other:

OBSERVATIONS

Notes: Well was installed in Boring # SB-4

Recharge Behavior: ☐ Fast ☑ Moderate ☐ Slow ☐ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-4

Project Name: 11075 Walden Avenue, Lancaster, New York Phase II Investigation
Location: 11075 Walden Avenue, Lancaster, New York
Project No.: 2171362
Sampled By: Jessica Dombrowski
Date: 6/12/2017
Weather: Sunny 78° F

PURGE VOLUME CALCULATION

Well Diameter: 2"
Depth of Well: 14.65 Ft.
Static Water Level: 13.62 Ft. bgs
One Well Volume: 0.17 Gallons

PURGE AND SAMPLING METHOD

☒ Bailer – Type:
Sampling Device:
☐ Pump – Type:
Pump Rate:

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)		Comments

Total 0.85 Gallons Purged

Purge Time Start: 1045
Purge Time End: 1055

WELL SAMPLING

Sample I.D.: MW-4
No. of Containers: 3
Sample Time: 1100
Sample Preservation: HCL

Sampled For:
☒ VOCs - 8260 TCL
☐ PAHs - 8270
☐ DRO & GRO - 8015
☐ Total RCRA Metals
☐ PCBs
☐ Other:

OBSERVATIONS

Notes: Well was installed in Boring # SB-6

Recharge Behavior: ☐ Fast ☐ Moderate ☑ Slow ☐ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-5

Project Name: 11075 Walden Avenue, Lancaster, New York Phase II Investigation
Location: 11075 Walden Avenue, Lancaster, New York
Project No.: 2171362
Sampled By: Jessica Dombrowski
Date: 6/12/2017
Weather: Sunny, 78° F

PURGE VOLUME CALCULATION

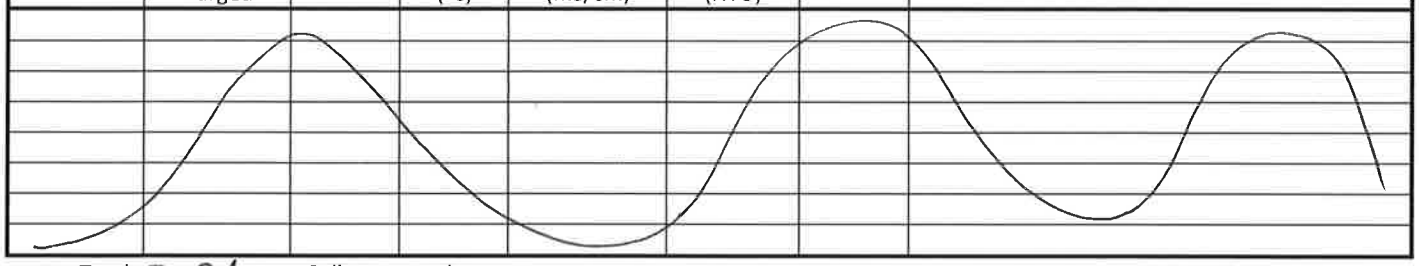
Well Diameter: 2"
Depth of Well: 14.65 Ft.
Static Water Level: 14.14 Ft. bgs
One Well Volume: 0.08 Gallons

PURGE AND SAMPLING METHOD

☒ Bailer – Type:
Sampling Device:
☐ Pump – Type:
Pump Rate:

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)		Comments



Total 0.24 Gallons Purged

Purge Time Start: 1110
Purge Time End: 1120

WELL SAMPLING

Sample I.D.: MW-5
No. of Containers: 2
Sample Time: 1125
Sample Preservation: HCl

Sampled For:
☒ VOCs - 8260 TCL
☐ PAHs - 8270
☐ DRO & GRO - 8015
☐ Total RCRA Metals
☐ PCBs
☐ Other:

OBSERVATIONS

Notes: Well was installed in Boring # SB-7
* only got 1 full vial & 1 mostly full vial.

Recharge Behavior: ☐ Fast ☐ Moderate ☐ Slow ☑ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-6

Project Name: 11075 Walden Avenue, Lancaster, New York Phase II Investigation
Location: 11075 Walden Avenue, Lancaster, New York
Project No.: 2171362
Sampled By: Jessica Dombrowski
Date: 6/12/2017
Weather: Sunny 78° F

PURGE VOLUME CALCULATION

Well Diameter: 2"
Depth of Well: 14.35 Ft.
Static Water Level: 13.65 Ft. bgs
One Well Volume: 0.112 Gallons

PURGE AND SAMPLING METHOD

☒ Bailer – Type:
Sampling Device:
☐ Pump – Type:
Pump Rate:

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)		Comments

Total 0.336 Gallons Purged

Purge Time Start: 1140
Purge Time End: 1155

WELL SAMPLING

Sample I.D.: MW-6
No. of Containers: 3
Sample Time: 1200
Sample Preservation: HCL

Sampled For:
☒ VOCs - 8260 TCL
☐ PAHs - 8270
☐ DRO & GRO - 8015
☐ Total RCRA Metals
☐ PCBs
☐ Other:

OBSERVATIONS

Notes: Well was installed in Boring # SB-8

Recharge Behavior: ☐ Fast ☐ Moderate ☑ Slow ☐ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-7

Project Name: 11075 Walden Avenue, Lancaster, New York Phase II Investigation
Location: 11075 Walden Avenue, Lancaster, New York
Project No.: 2171362
Sampled By: Jessica Dombrowski
Date: 6/2/2017
Weather: Sunny, 78° F

PURGE VOLUME CALCULATION

Well Diameter: 2"
Depth of Well: 14.6 Ft.
Static Water Level: 13.45 Ft. bgs
One Well Volume: 0.18 Gallons

PURGE AND SAMPLING METHOD

☒ Bailer – Type:
Sampling Device:
☐ Pump – Type:
Pump Rate:

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)		Comments

Total 0.54 Gallons Purged

Purge Time Start: 1220
Purge Time End: 1230

WELL SAMPLING

Sample I.D.: MW-7
No. of Containers: 3
Sample Time: 1240
Sample Preservation: HCL

Sampled For:
☒ VOCs - 8260 TCL
☐ PAHs - 8270
☐ DRO & GRO - 8015
☐ Total RCRA Metals
☐ PCBs
☐ Other:

OBSERVATIONS

Notes: Well was installed in Boring # MW-13A

Recharge Behavior: ☐ Fast ☐ Moderate ☒ Slow ☐ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-8

Project Name: 11075 Walden Avenue, Lancaster, New York Phase II Investigation
Location: 11075 Walden Avenue, Lancaster, New York
Project No.: 2171362
Sampled By: Jessica Dombrowski
Date: 6/12/2017
Weather: Sunny, 78° F

PURGE VOLUME CALCULATION

Well Diameter: 2"
Depth of Well: 14.6 Ft.
Static Water Level: 14.09 Ft. bgs
One Well Volume: 0.085 Gallons

PURGE AND SAMPLING METHOD

☒ Bailer – Type:
Sampling Device:
☐ Pump – Type:
Pump Rate:

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)		Comments

Total 0.25 Gallons Purged

Purge Time Start: 1245
Purge Time End: 1255

WELL SAMPLING

Sample I.D.: MW-8
No. of Containers: 3
Sample Time: 1300
Sample Preservation: HCL

Sampled For:
☒ VOCs - 8260 TCL
☐ PAHs - 8270
☐ DRO & GRO - 8015
☐ Total RCRA Metals
☐ PCBs
☐ Other:

OBSERVATIONS

Notes: Well was installed in Boring # SB-14

Recharge Behavior: ☐ Fast ☐ Moderate ☒ Slow ☐ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-9

Project Name: 11075 Walden Avenue, Lancaster, New York Phase II Investigation
Location: 11075 Walden Avenue, Lancaster, New York
Project No.: 2171362
Sampled By: Jessica Dombrowski
Date: 6/12/2017
Weather: Sunny, 78° F

PURGE VOLUME CALCULATION

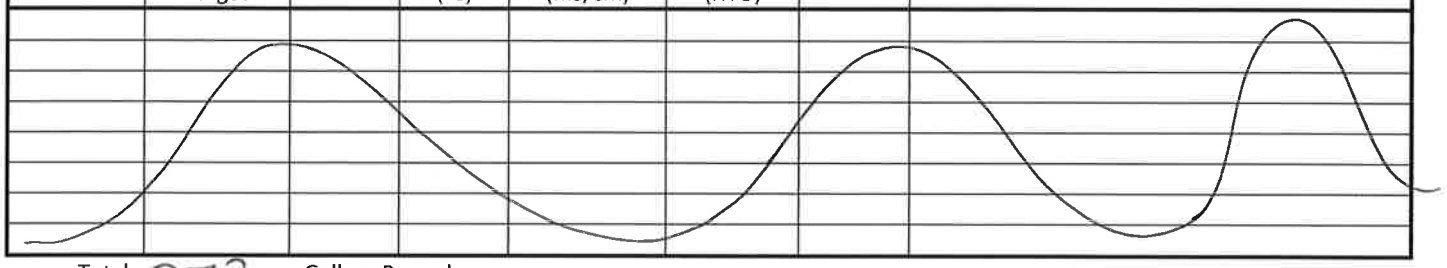
Well Diameter: 2"
Depth of Well: 14.65 Ft.
Static Water Level: 13.15 Ft. bgs
One Well Volume: 0.24 Gallons

PURGE AND SAMPLING METHOD

☒ Bailer – Type:
Sampling Device:
☐ Pump – Type:
Pump Rate:

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)		Comments



Total 0.72 Gallons Purged

Purge Time Start: 1335
Purge Time End: 1400

WELL SAMPLING

Sample I.D.: MW-9
No. of Containers: 3
Sample Time: 14:05
Sample Preservation: HCL

Sampled For:
☒ VOCs - 8260 TCL
☐ PAHs - 8270
☐ DRO & GRO - 8015
☐ Total RCRA Metals
☐ PCBs
☐ Other:

OBSERVATIONS

Notes: Well was installed in Boring # SB-16

Recharge Behavior: ☐ Fast ☐ Moderate ☐ Slow ☐ Purged Dry

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PROJECT
Phase II Environmental Site Assessment
11075 Walden Avenue
Alden, New York 14004

Well ID: **MW-1**
SHEET 1 OF 1
JOB # 2171362
CHKD. BY:

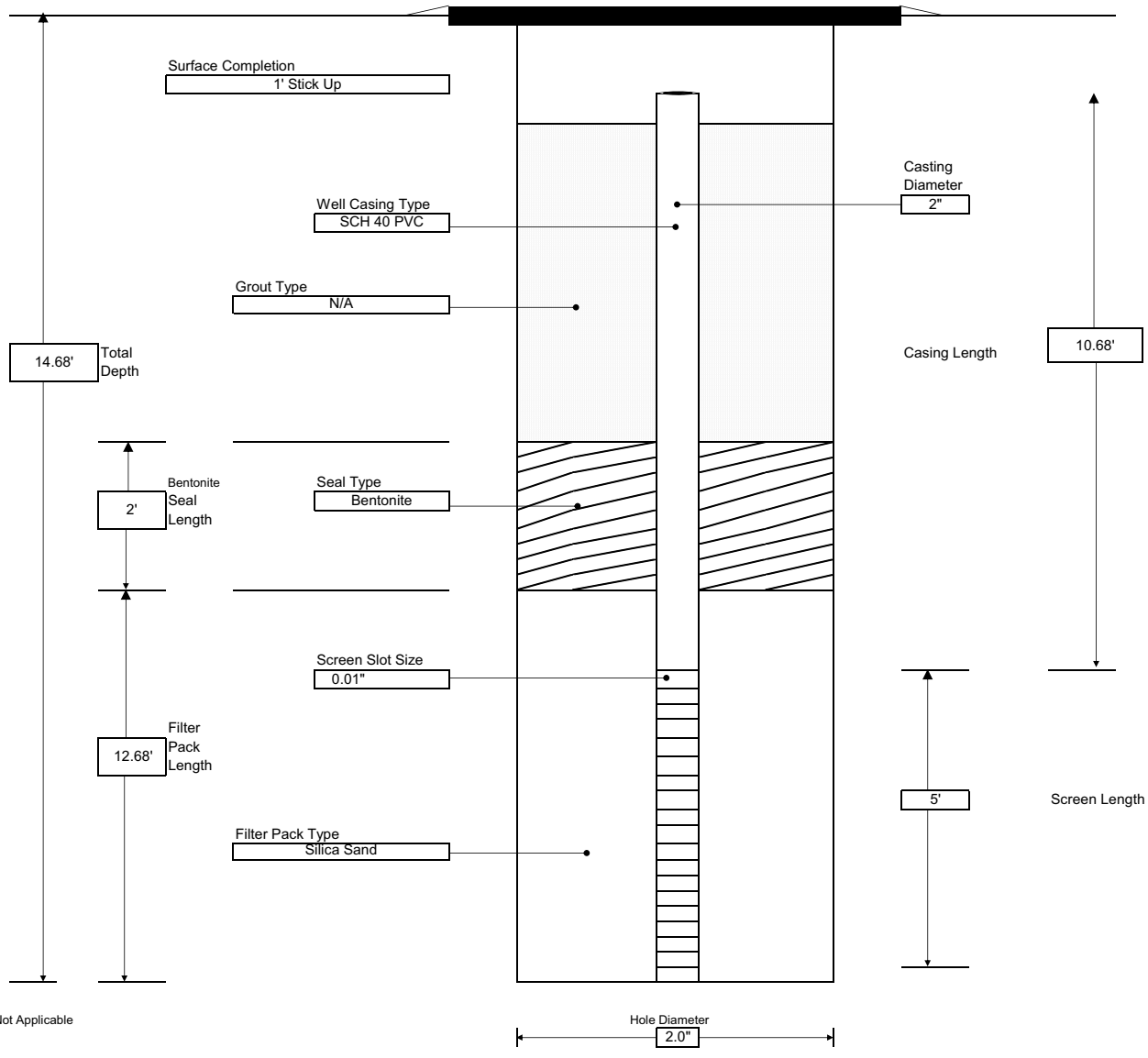
CONTRACTOR: LaBella LLC
DRILLER: Matt Pepe
LABELLA REPRESENTATIVE: Jessica Dombrowski

BORING LOCATION: SB-1
GROUND SURFACE ELEVATION: DATUM: Top of Riser
START DATE: 6/12/2017 END DATE: 6/12/2017

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE: 2 inch Direct Push
OVERBURDEN SAMPLING METHOD:5-foot MacroCore® sampler
ROCK DRILLING METHOD: N/A

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS
6/12/2017	850	1.95	14.68	



NA-Not Applicable

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

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PROJECT
Phase II Environmental Site Assessment
11075 Walden Avenue
Alden, New York 14004

Well ID: **MW-2**
SHEET 1 OF 1
JOB # 2171362
CHKD. BY:

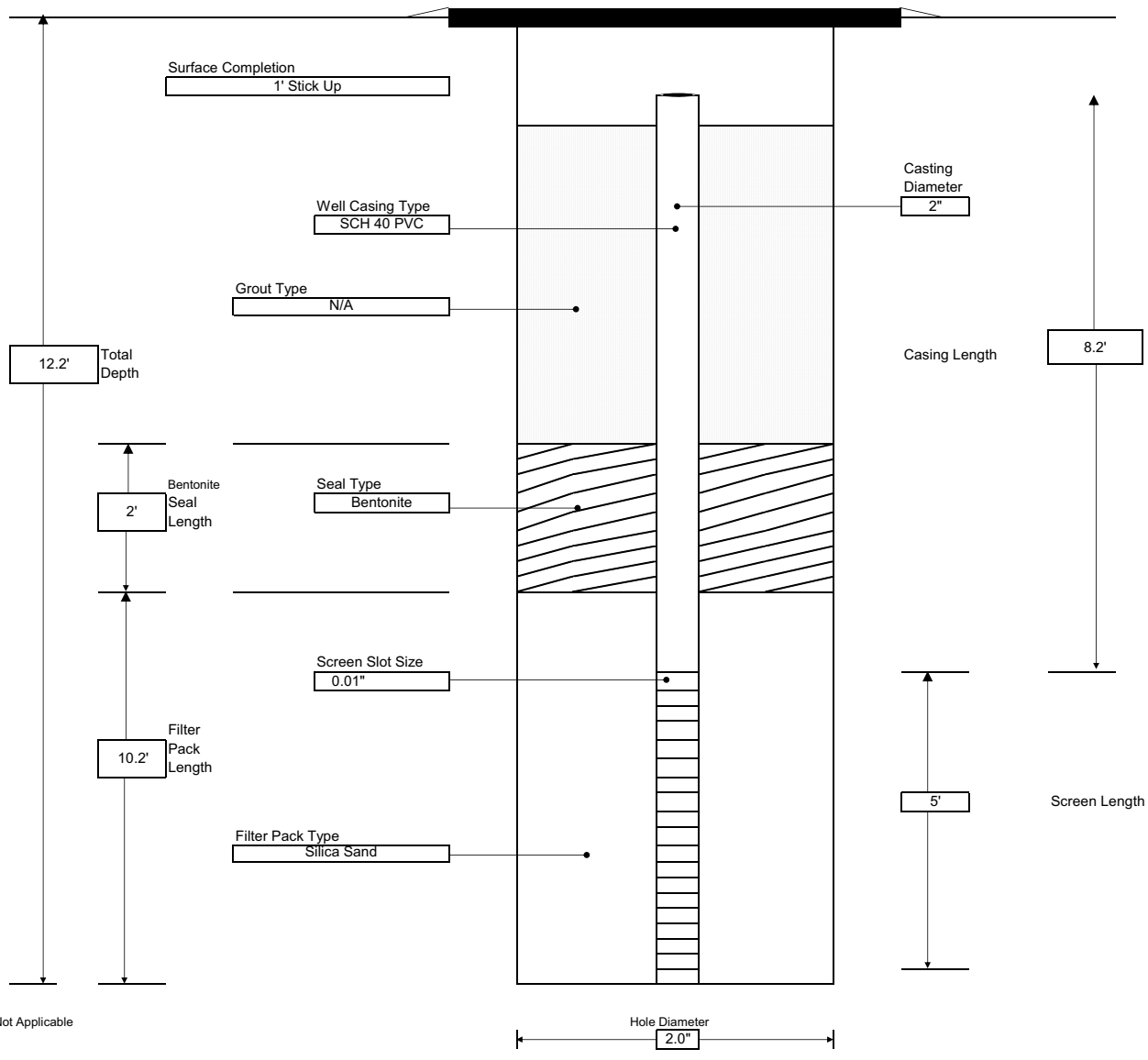
CONTRACTOR: LaBella LLC
DRILLER: Matt Pepe
LABELLA REPRESENTATIVE: Jessica Dombrowski

BORING LOCATION: SB-3
GROUND SURFACE ELEVATION: DATUM: Top of Riser
START DATE: 6/8/2017 END DATE:6/8/2017

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE: 2 inch Direct Push
OVERBURDEN SAMPLING METHOD:5-foot MacroCore® sampler
ROCK DRILLING METHOD: N/A

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS
6/12/2017	930	11.68	12.2	



NA-Not Applicable

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

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Phase II Environmental Site Assessment
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Alden, New York 14004

Well ID: **MW-3**
SHEET 1 OF 1
JOB # 2171362
CHKD. BY:

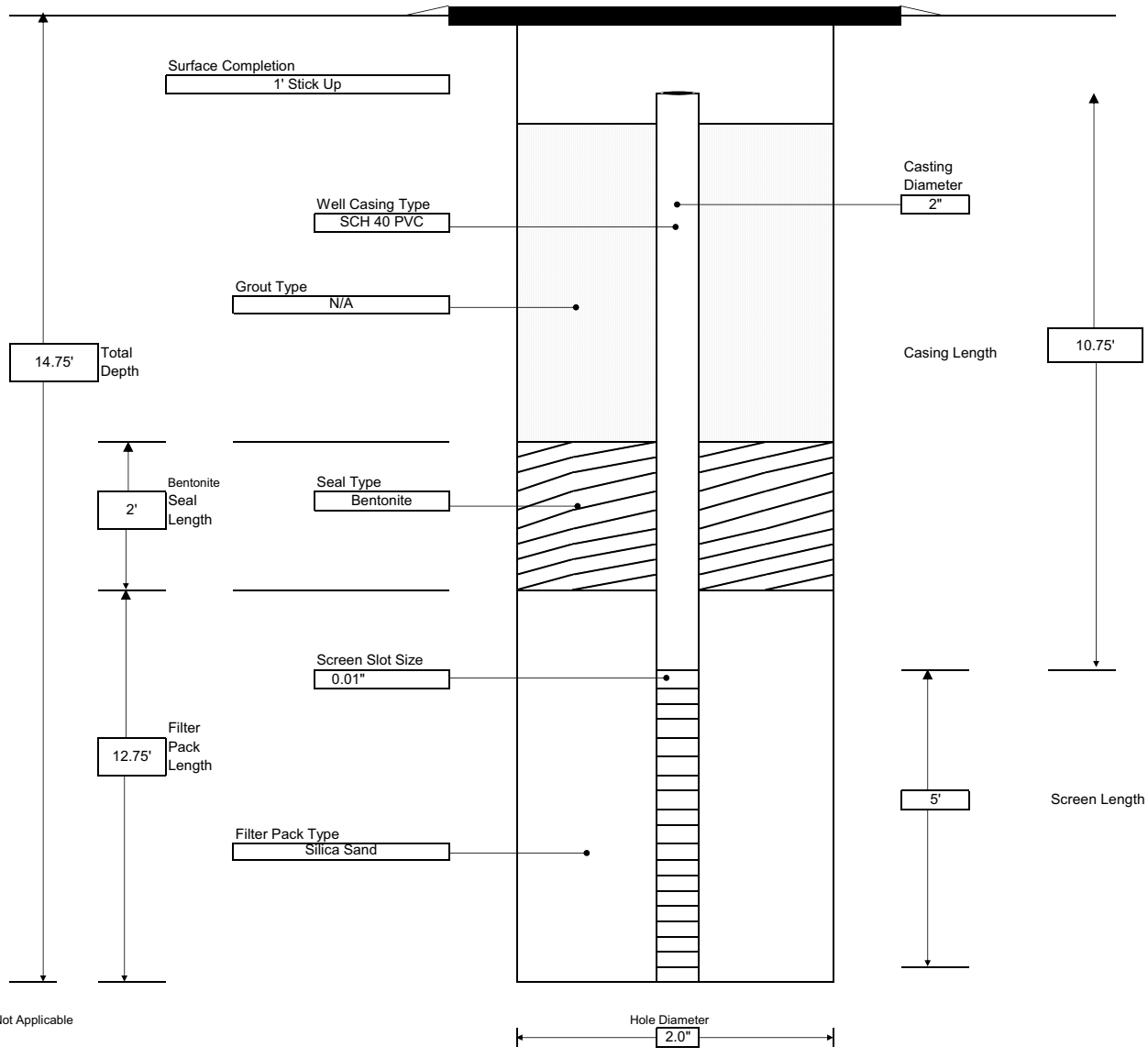
CONTRACTOR: LaBella LLC
DRILLER: Matt Pepe
LABELLA REPRESENTATIVE: Jessica Dombrowski

BORING LOCATION: SB-4
GROUND SURFACE ELEVATION: DATUM: Top of Riser
START DATE: 6/8/2017 END DATE:6/8/2017

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE: 2 inch Direct Push
OVERBURDEN SAMPLING METHOD:5-foot MacroCore® sampler
ROCK DRILLING METHOD: N/A

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS
6/12/2017	1015	3.4	14.75	



NA-Not Applicable

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

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Alden, New York 14004

Well ID: **MW-4**
SHEET 1 OF 1
JOB # 2171362
CHKD. BY:

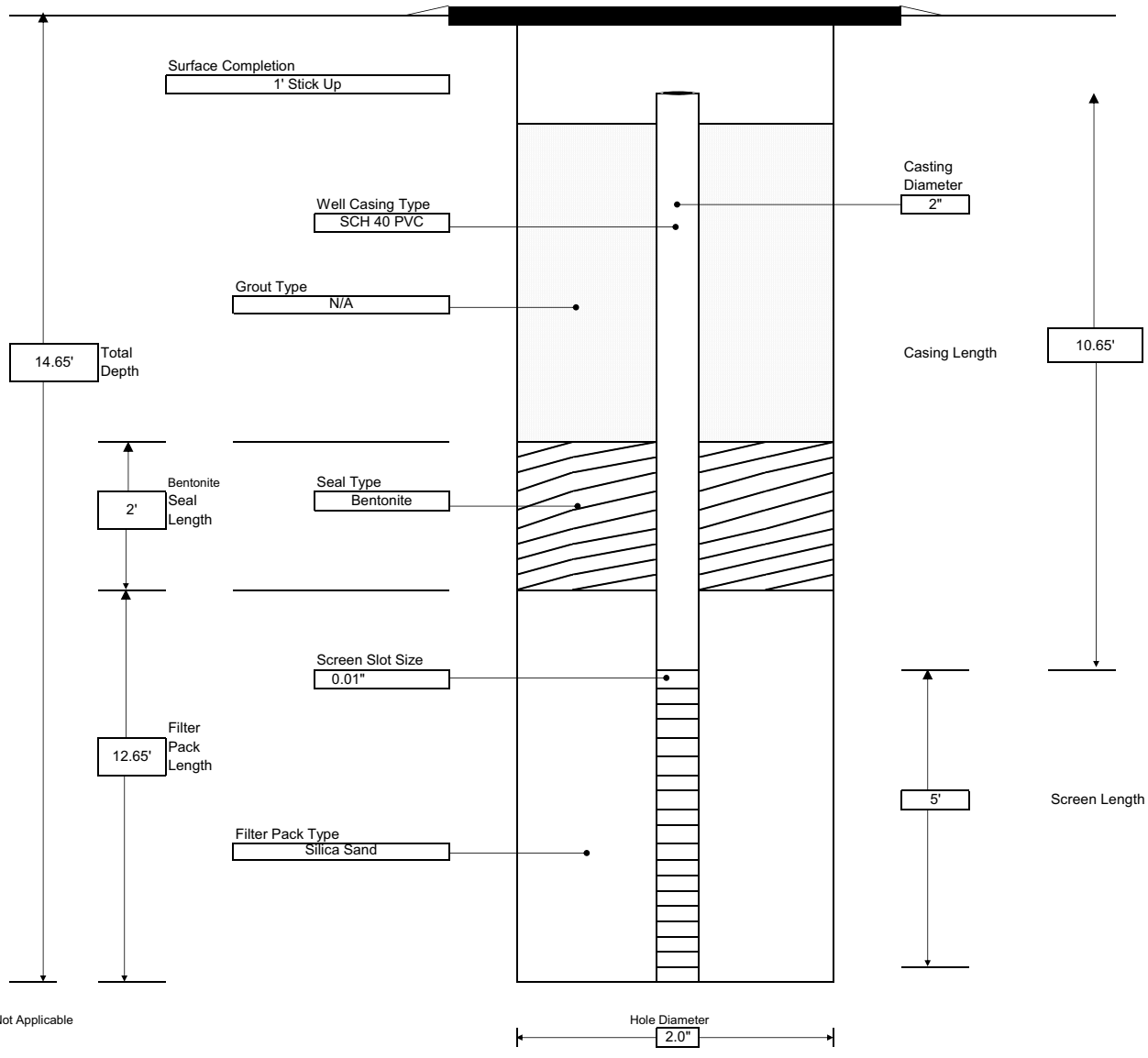
CONTRACTOR: LaBella LLC
DRILLER: Matt Pepe
LABELLA REPRESENTATIVE: Jessica Dombrowski

BORING LOCATION: SB-6
GROUND SURFACE ELEVATION: DATUM: Top of Riser
START DATE: 6/8/2017 END DATE:6/8/2017

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE: 2 inch Direct Push
OVERBURDEN SAMPLING METHOD:5-foot MacroCore® sampler
ROCK DRILLING METHOD: N/A

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS
6/12/2017	1045	13.62	14.65	



NA-Not Applicable

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

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Phase II Environmental Site Assessment
11075 Walden Avenue
Alden, New York 14004

Well ID: **MW-5**
SHEET 1 OF 1
JOB # 2171362
CHKD. BY:

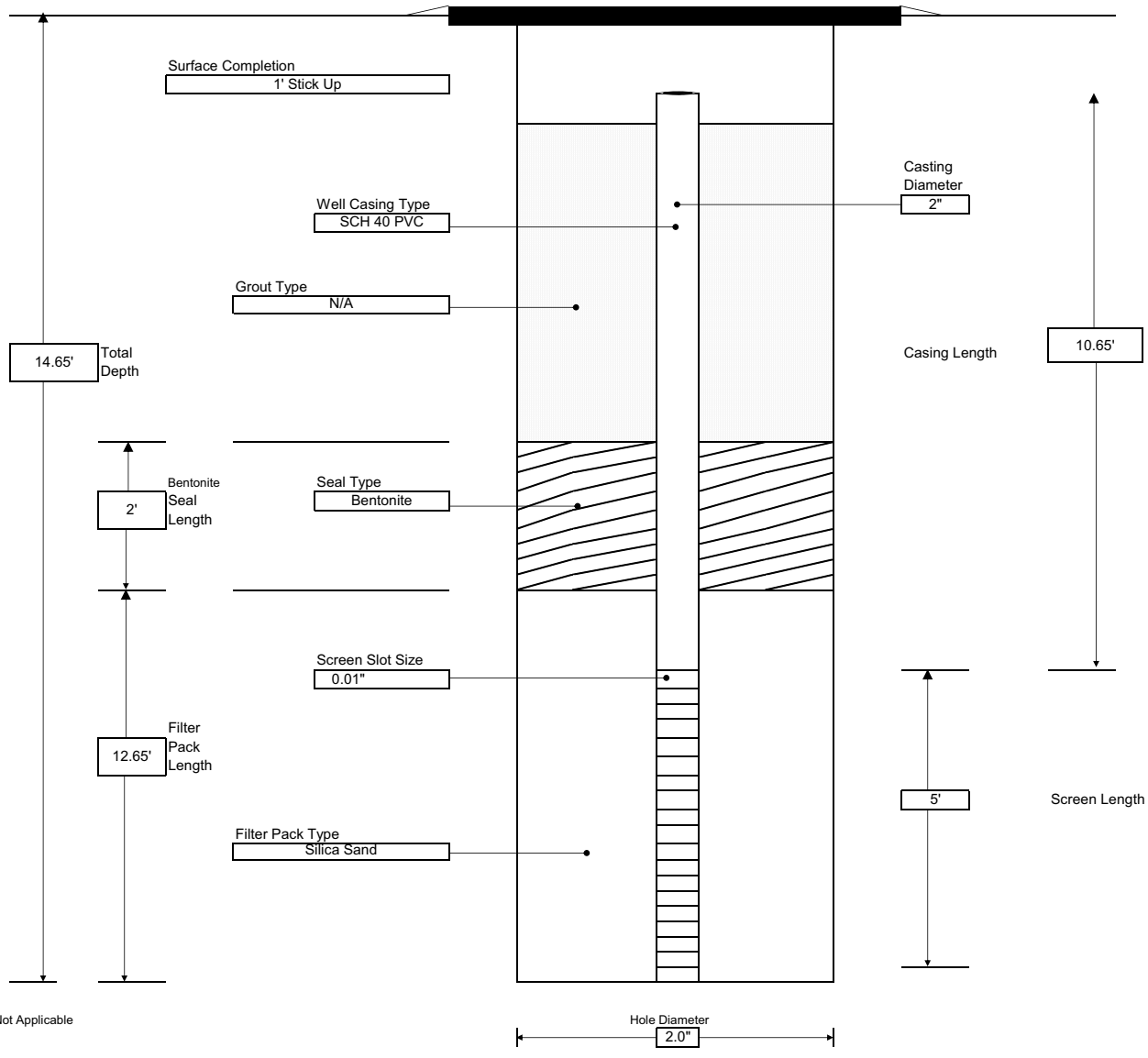
CONTRACTOR: LaBella LLC
DRILLER: Matt Pepe
LABELLA REPRESENTATIVE: Jessica Dombrowski

BORING LOCATION: SB-7
GROUND SURFACE ELEVATION: DATUM: Top of Riser
START DATE: 6/9/2017 END DATE:6/9/2017

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE: 2 inch Direct Push
OVERBURDEN SAMPLING METHOD:5-foot MacroCore® sampler
ROCK DRILLING METHOD: N/A

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS
6/12/2017	1110	14.14	14.65	



NA-Not Applicable

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

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PROJECT
Phase II Environmental Site Assessment
11075 Walden Avenue
Alden, New York 14004

Well ID: **MW-6**
SHEET 1 OF 1
JOB # 2171362
CHKD. BY:

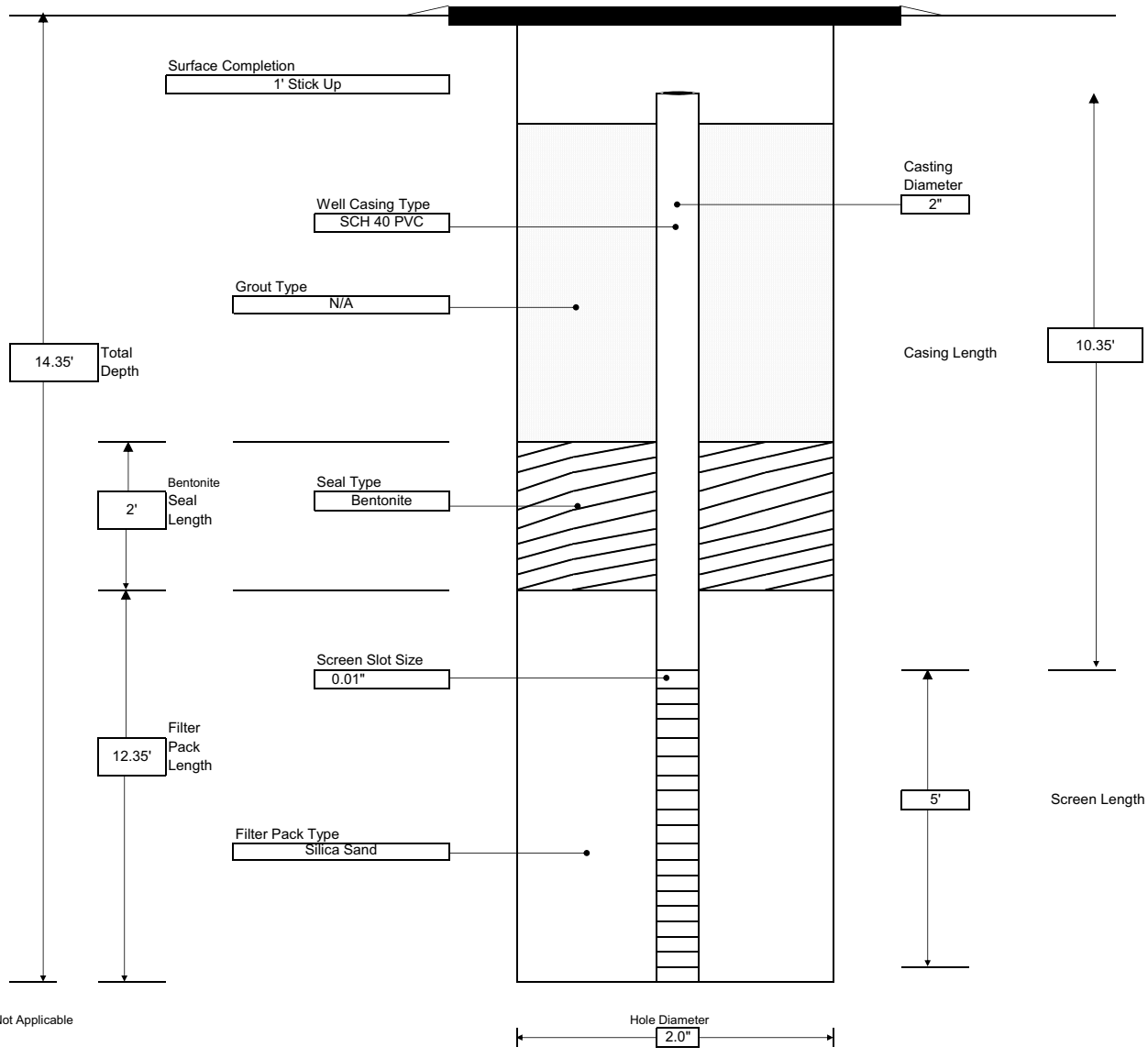
CONTRACTOR: LaBella LLC
DRILLER: Matt Pepe
LABELLA REPRESENTATIVE: Jessica Dombrowski

BORING LOCATION: SB-8
GROUND SURFACE ELEVATION: DATUM: Top of Riser
START DATE: 6/9/2017 END DATE:6/9/2017

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE: 2 inch Direct Push
OVERBURDEN SAMPLING METHOD:5-foot MacroCore® sampler
ROCK DRILLING METHOD: N/A

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS
6/12/2017	1110	14.14	14.65	



NA-Not Applicable

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

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PROJECT
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Alden, New York 14004

Well ID: **MW-7**
SHEET 1 OF 1
JOB # 2171362
CHKD. BY:

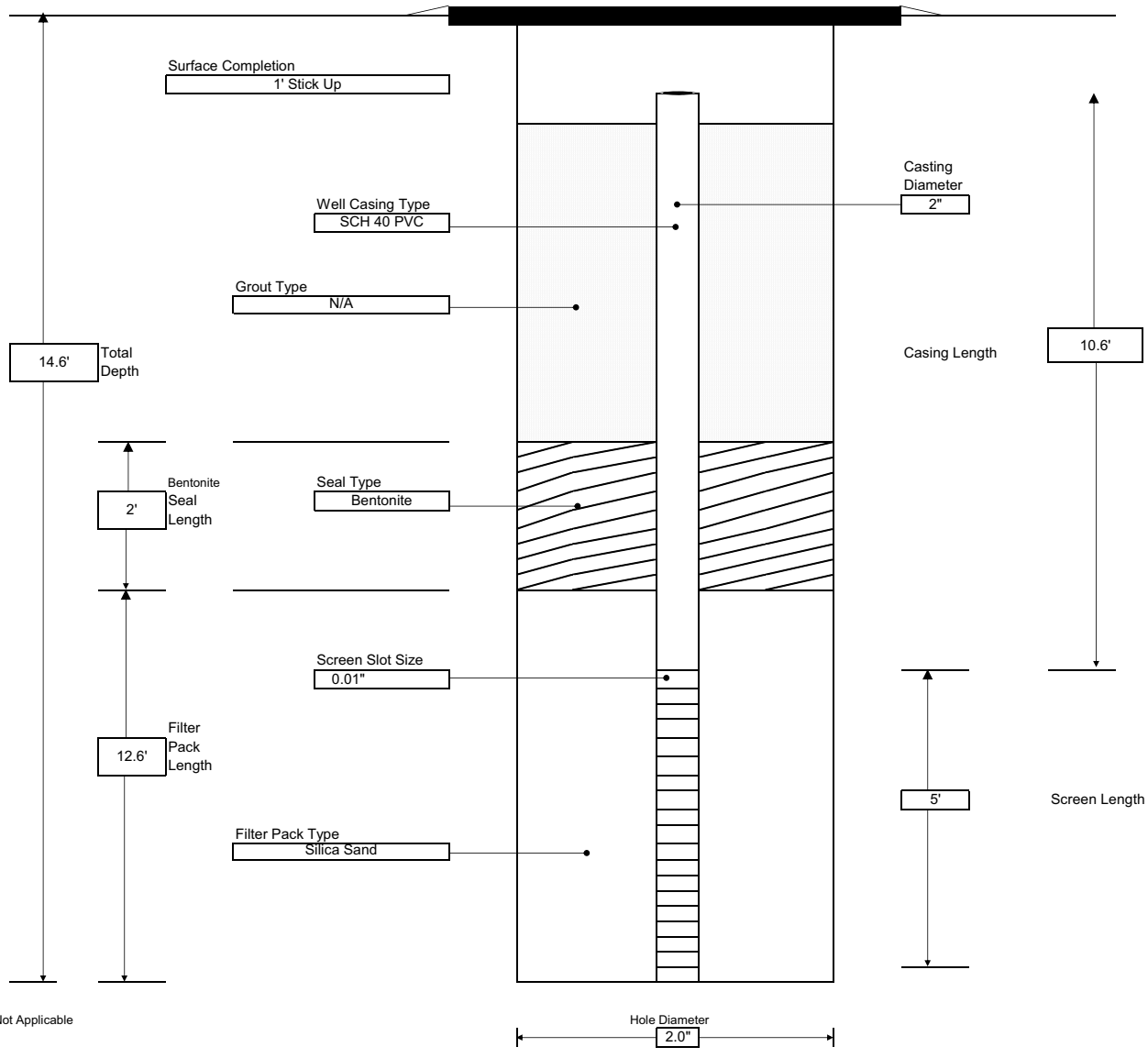
CONTRACTOR: LaBella LLC
DRILLER: Matt Pepe
LABELLA REPRESENTATIVE: Jessica Dombrowski

BORING LOCATION: SB-13A
GROUND SURFACE ELEVATION: DATUM: Top of Riser
START DATE: 6/9/2017 END DATE:6/9/2017

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE: 2 inch Direct Push
OVERBURDEN SAMPLING METHOD:5-foot MacroCore® sampler
ROCK DRILLING METHOD: N/A

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS
6/12/2017	1220	13.45	14.6	



NA-Not Applicable

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, D.P.C.
300 PEARL STREET, BUFFALO, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
11075 Walden Avenue
Alden, New York 14004

Well ID: **MW-8**
SHEET 1 OF 1
JOB # 2171362
CHKD. BY:

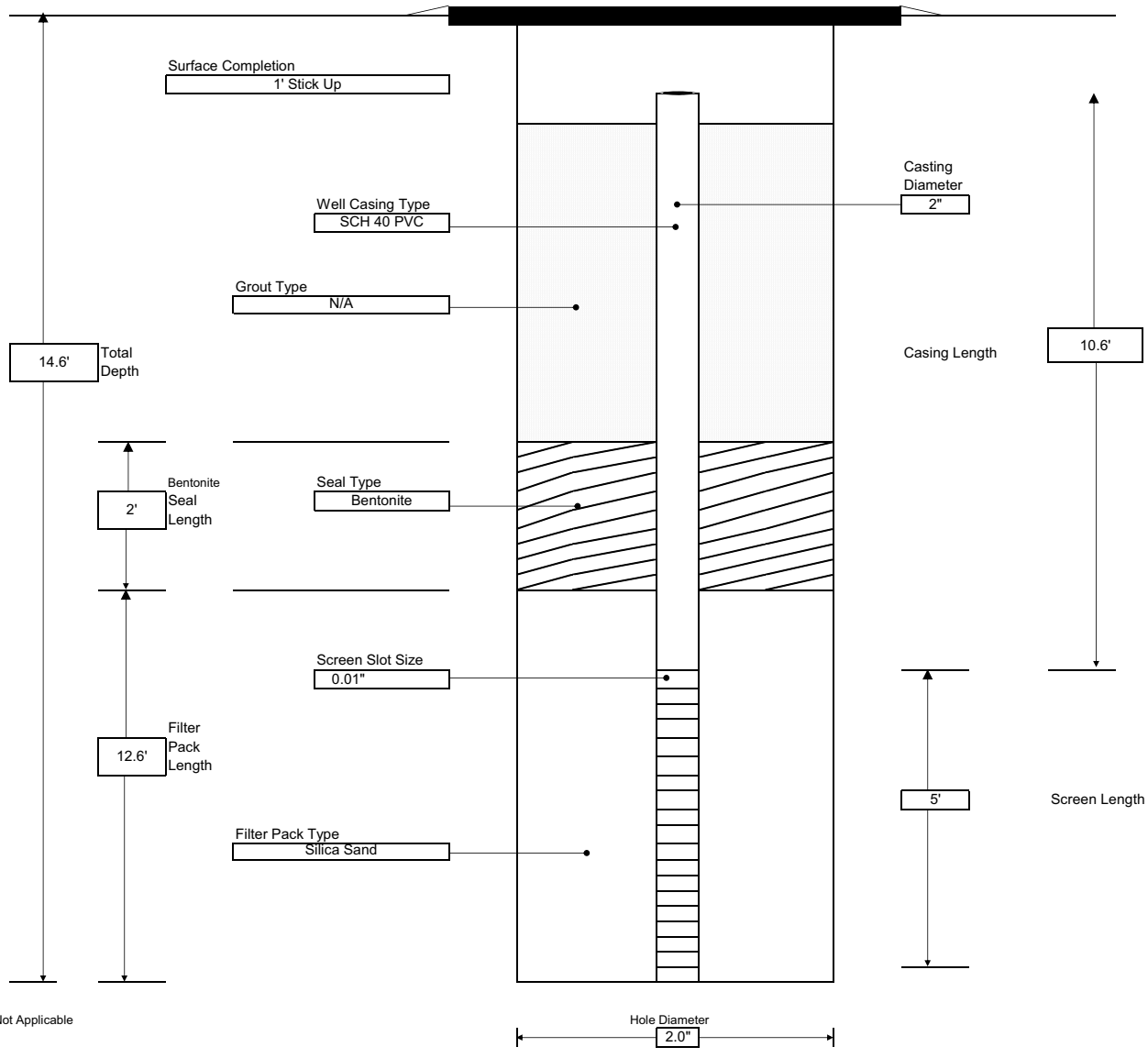
CONTRACTOR: LaBella LLC
DRILLER: Matt Pepe
LABELLA REPRESENTATIVE: Jessica Dombrowski

BORING LOCATION: SB-14
GROUND SURFACE ELEVATION: DATUM: Top of Riser
START DATE: 6/9/2017 END DATE:6/9/2017

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE: 2 inch Direct Push
OVERBURDEN SAMPLING METHOD:5-foot MacroCore® sampler
ROCK DRILLING METHOD: N/A

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS
6/12/2017	1245	14.07	14.6	



NA-Not Applicable

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, D.P.C.
300 PEARL STREET, BUFFALO, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
11075 Walden Avenue
Alden, New York 14004

Well ID: **MW-9**
SHEET 1 OF 1
JOB # 2171362
CHKD. BY:

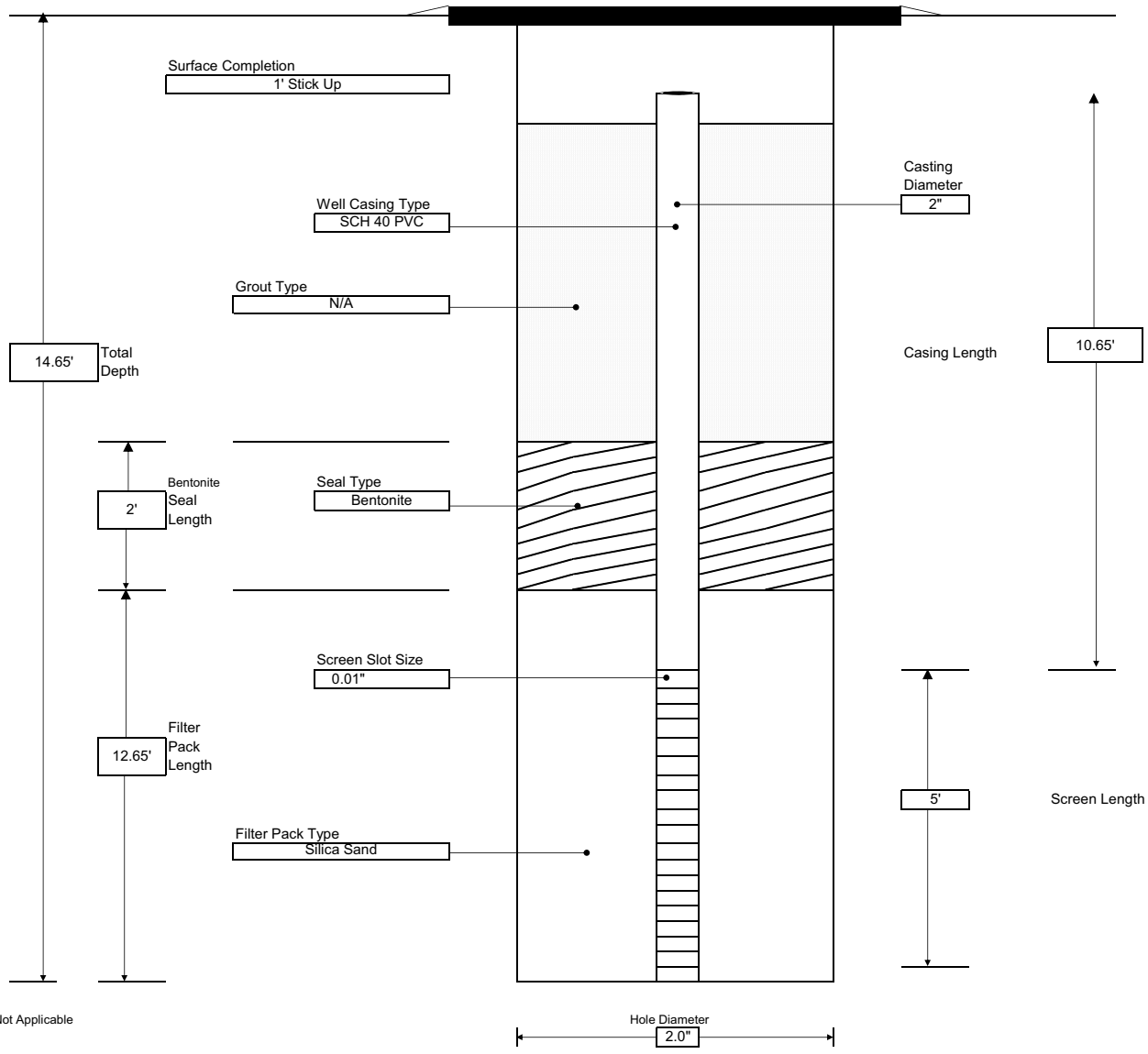
CONTRACTOR: LaBella LLC
DRILLER: Matt Pepe
LABELLA REPRESENTATIVE: Jessica Dombrowski

BORING LOCATION: SB-16
GROUND SURFACE ELEVATION: DATUM: Top of Riser
START DATE: 6/9/2017 END DATE:6/9/2017

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE: 2 inch Direct Push
OVERBURDEN SAMPLING METHOD:5-foot MacroCore® sampler
ROCK DRILLING METHOD: N/A

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS
6/12/2017	1335	13.15	14.65	



NA-Not Applicable

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, D.P.C. | Engineering Architecture Environmental Planning

APPENDIX 2

New York State Department of Health
Indoor Air Quality Questionnaire and
Building Inventory Form

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

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

Preparer's Name Shannon Dalton Date/Time Prepared 8/3/9:00

Preparer's Affiliation LaBella Associates Phone No. 716-710-3043

Purpose of Investigation Vapor Intrusion assement for 11075 Walden Ave

1. OCCUPANT:

Interviewed: Y / (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

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

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

Interviewed: Y / (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response) currently vacant

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

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

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

If multiple units, how many? N/A

If the property is commercial, type?

Business Type(s) vacant old Doritex Building

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

Other characteristics:

Number of floors 2 Building age unknown

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

4. AIRFLOW

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

Airflow between floors

doorways, bay doors, windows

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

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

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

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

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

drains, holes in floor

_____

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

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

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

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: _____

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

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

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

Air supply vents run east to west located in middle portion of site Building

7. OCCUPANCY

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

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	Small old basement with old boilers
1st Floor	vacant / old dorites facility
2nd Floor	vacant / storage
3rd Floor	
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

If yes, what types of solvents are used? _____

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

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

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

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

9. WATER AND SEWAGE

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

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

10. RELOCATION INFORMATION (for oil spill residential emergency) N/A

a. Provide reasons why relocation is recommended: _____

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

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

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

11. FLOOR PLANS

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

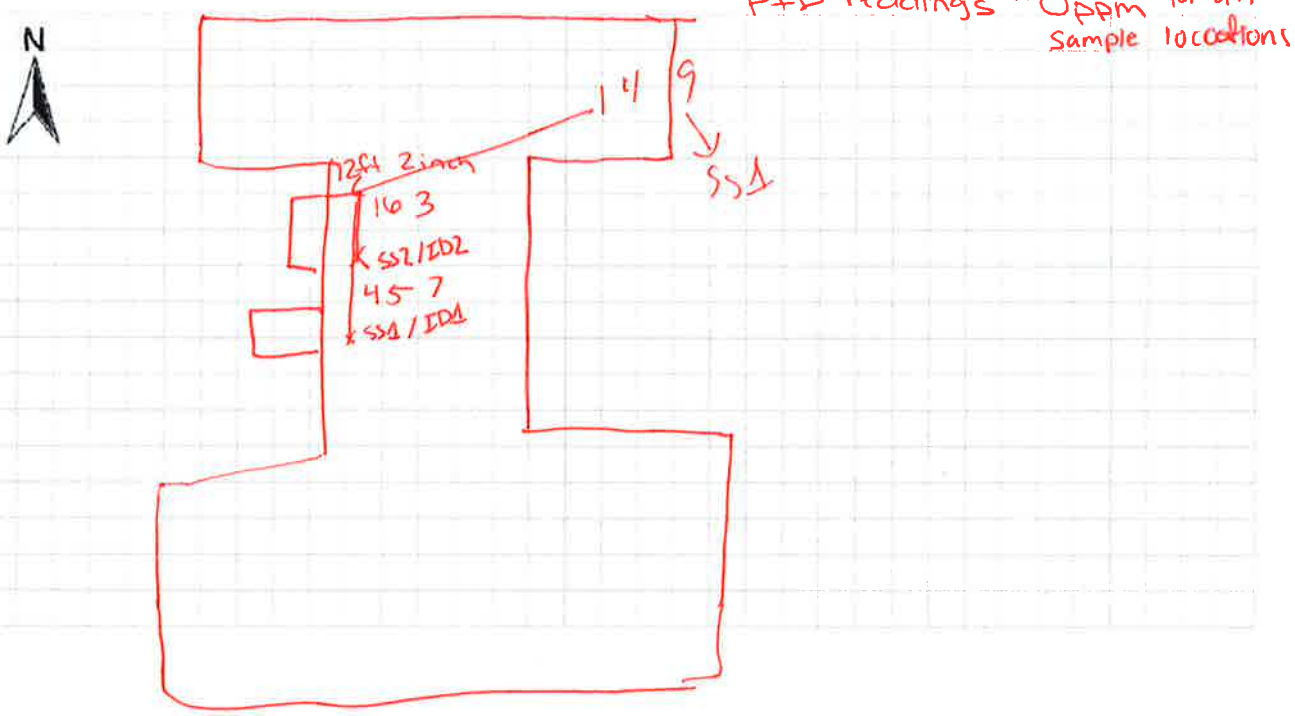
Basement:

N/A

N

First Floor:

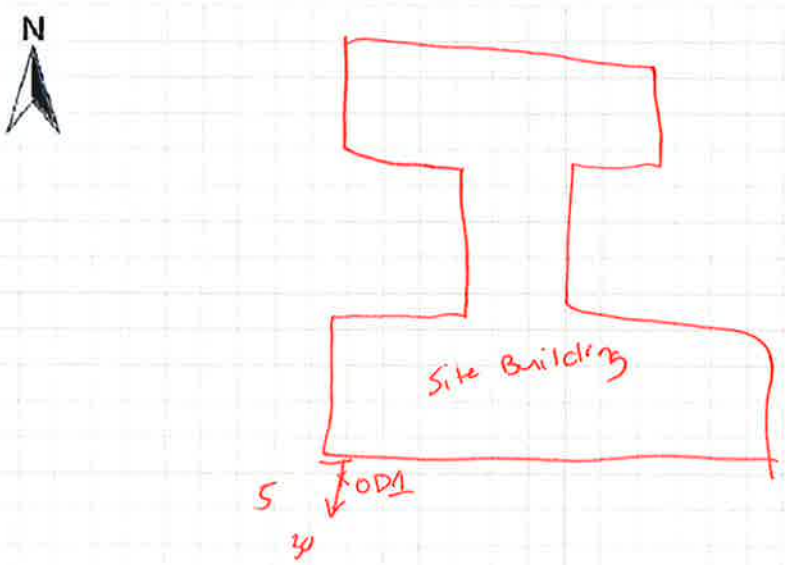
PFD readings - Oppm for all sample locations



12. OUTDOOR PLOT

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

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



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

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

None vacant buildings

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

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

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

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

Preparer's Name Shannon Dalton Date/Time Prepared 10/4

Preparer's Affiliation LaBella Associates Phone No. 716-710-3043

Purpose of Investigation vapor Intrusion assessment

1. OCCUPANT:

Interviewed: Y (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

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

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

Interviewed: Y / (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response) vacant

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

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

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

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) vacant Doritex Building

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

Other characteristics:

Number of floors 2 Building age_____

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

4. AIRFLOW

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

Airflow between floors

doorways, bay doors, windows

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

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

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

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

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

drains, cracks in floor

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

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

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

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: _____

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

Are there air distribution ducts present? (Y) N

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

airway supply vents run east to west
located in middle portion of Site Building

7. OCCUPANCY

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

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	Small old basement w/ old boilers
1st Floor	vacant
2nd Floor	vacant
3rd Floor	
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

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

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

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

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

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

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

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

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

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

j. Has painting/staining been done in the last 6 months? Y / N Where & When? _____

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

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

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

n. Is there a bathroom exhaust fan? Y / N If yes, where vented? _____

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

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

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

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

If yes, what types of solvents are used? _____

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

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

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

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

9. WATER AND SEWAGE

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

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

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

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

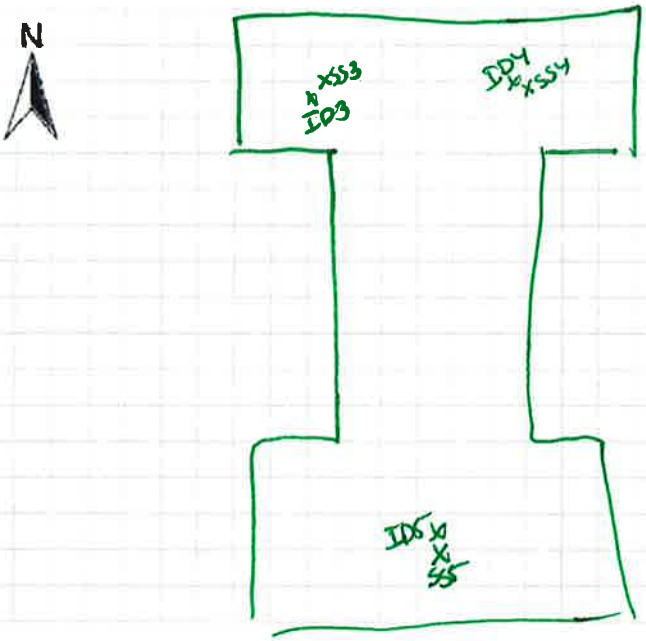
d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

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

Basement:

First Floor:



12. OUTDOOR PLOT

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

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

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

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

None vacant

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

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

LABELLA Associates, P.C. | Engineering Architecture Environmental Planning

APPENDIX 3

Laboratory Reports

ANALYTICAL REPORT

Lab Number:	L1719513
Client:	LaBella Associates, P.C. 300 Pearl Street Suite 252 Buffalo, NY 14202
ATTN:	Adam Zebrowski
Phone:	(716) 551-6281
Project Name:	11075 WALDEN AVENUE
Project Number:	2171362
Report Date:	06/19/17

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

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

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719513
Report Date: 06/19/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1719513-01	MW-1	WATER	ALDEN, NY	06/12/17 09:15	06/12/17
L1719513-02	MW-2	WATER	ALDEN, NY	06/12/17 09:45	06/12/17
L1719513-03	MW-3	WATER	ALDEN, NY	06/12/17 10:30	06/12/17
L1719513-04	MW-4	WATER	ALDEN, NY	06/12/17 11:00	06/12/17
L1719513-05	MW-5	WATER	ALDEN, NY	06/12/17 11:25	06/12/17
L1719513-06	MW-6	WATER	ALDEN, NY	06/12/17 12:00	06/12/17
L1719513-07	MW-7	WATER	ALDEN, NY	06/12/17 12:40	06/12/17
L1719513-08	MW-8	WATER	ALDEN, NY	06/12/17 13:00	06/12/17
L1719513-09	MW-9	WATER	ALDEN, NY	06/12/17 14:05	06/12/17

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513
Project Number: 2171362 **Report Date:** 06/19/17

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name:	11075 WALDEN AVENUE	**Lab Number:**	L1719513
Project Number:	2171362	**Report Date:**	06/19/17

Case Narrative (continued)

Report Submission

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

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: Michelle M. Morris

Title: Technical Director/Representative Date: 06/19/17

ORGANICS

VOLATILES

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

SAMPLE RESULTS

Lab ID: L1719513-01
Client ID: MW-1
Sample Location: ALDEN, NY

Date Collected: 06/12/17 09:15
Date Received: 06/12/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/15/17 12:47
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.36	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.34	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

SAMPLE RESULTS

Lab ID: L1719513-01 Date Collected: 06/12/17 09:15

Client ID: MW-1 Date Received: 06/12/17

Sample Location: ALDEN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	18		ug/l	5.0	1.5	1
Carbon disulfide	1.3	J	ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	102		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

SAMPLE RESULTS

Lab ID: L1719513-02
Client ID: MW-2
Sample Location: ALDEN, NY

Date Collected: 06/12/17 09:45
Date Received: 06/12/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/15/17 13:16
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.34	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

SAMPLE RESULTS

Lab ID: L1719513-02 Date Collected: 06/12/17 09:45

Client ID: MW-2 Date Received: 06/12/17

Sample Location: ALDEN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	110		ug/l	5.0	1.5	1
Carbon disulfide	3.0	J	ug/l	5.0	1.0	1
2-Butanone	27		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	102		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

SAMPLE RESULTS

Lab ID: L1719513-03 Date Collected: 06/12/17 10:30
Client ID: MW-3 Date Received: 06/12/17
Sample Location: ALDEN, NY Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/15/17 13:45
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.31	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.50		ug/l	0.50	0.16	1
Toluene	0.75	J	ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

SAMPLE RESULTS

Lab ID: L1719513-03 Date Collected: 06/12/17 10:30

Client ID: MW-3 Date Received: 06/12/17

Sample Location: ALDEN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	18		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	4.2	J	ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	0.43	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	0.63	J	ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	102		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

SAMPLE RESULTS

Lab ID: L1719513-04 Date Collected: 06/12/17 11:00
Client ID: MW-4 Date Received: 06/12/17
Sample Location: ALDEN, NY Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/15/17 14:13
Analyst: NL

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.23	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

SAMPLE RESULTS

Lab ID: L1719513-04 Date Collected: 06/12/17 11:00

Client ID: MW-4 Date Received: 06/12/17

Sample Location: ALDEN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	63		ug/l	5.0	1.5	1
Carbon disulfide	1.8	J	ug/l	5.0	1.0	1
2-Butanone	15		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	103		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

SAMPLE RESULTS

Lab ID: L1719513-05 Date Collected: 06/12/17 11:25
Client ID: MW-5 Date Received: 06/12/17
Sample Location: ALDEN, NY Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/15/17 14:42
Analyst: NL

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.38	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

SAMPLE RESULTS

Lab ID: L1719513-05 Date Collected: 06/12/17 11:25

Client ID: MW-5 Date Received: 06/12/17

Sample Location: ALDEN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	58		ug/l	5.0	1.5	1
Carbon disulfide	13		ug/l	5.0	1.0	1
2-Butanone	11		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	0.41	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	103		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

SAMPLE RESULTS

Lab ID: L1719513-06 Date Collected: 06/12/17 12:00
Client ID: MW-6 Date Received: 06/12/17
Sample Location: ALDEN, NY Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/15/17 15:11
Analyst: NL

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.24	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

SAMPLE RESULTS

Lab ID: L1719513-06 Date Collected: 06/12/17 12:00

Client ID: MW-6 Date Received: 06/12/17

Sample Location: ALDEN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	76		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	14		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

SAMPLE RESULTS

Lab ID: L1719513-07 Date Collected: 06/12/17 12:40
Client ID: MW-7 Date Received: 06/12/17
Sample Location: ALDEN, NY Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/15/17 15:39
Analyst: NL

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

SAMPLE RESULTS

Lab ID: L1719513-07 Date Collected: 06/12/17 12:40

Client ID: MW-7 Date Received: 06/12/17

Sample Location: ALDEN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	62		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	14		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	2.0	J	ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	103		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

SAMPLE RESULTS

Lab ID: L1719513-08 Date Collected: 06/12/17 13:00
Client ID: MW-8 Date Received: 06/12/17
Sample Location: ALDEN, NY Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/15/17 16:08
Analyst: NL

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.89		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.28	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

SAMPLE RESULTS

Lab ID: L1719513-08 Date Collected: 06/12/17 13:00

Client ID: MW-8 Date Received: 06/12/17

Sample Location: ALDEN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	47		ug/l	5.0	1.5	1
Carbon disulfide	3.6	J	ug/l	5.0	1.0	1
2-Butanone	12		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

SAMPLE RESULTS

Lab ID: L1719513-09 Date Collected: 06/12/17 14:05
Client ID: MW-9 Date Received: 06/12/17
Sample Location: ALDEN, NY Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/15/17 16:36
Analyst: NL

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.18	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

SAMPLE RESULTS

Lab ID: L1719513-09 Date Collected: 06/12/17 14:05

Client ID: MW-9 Date Received: 06/12/17

Sample Location: ALDEN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	30		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	5.8		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/15/17 12:19
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1013557-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/15/17 12:19
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1013557-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/15/17 12:19
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1013557-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719513
Report Date: 06/19/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1013557-3 WG1013557-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	96		93		70-130	3		20
Chloroform	97		94		70-130	3		20
Carbon tetrachloride	100		98		63-132	2		20
1,2-Dichloropropane	88		87		70-130	1		20
Dibromochloromethane	95		93		63-130	2		20
1,1,2-Trichloroethane	91		91		70-130	0		20
Tetrachloroethene	96		94		70-130	2		20
Chlorobenzene	90		88		75-130	2		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	98		97		70-130	1		20
1,1,1-Trichloroethane	99		96		67-130	3		20
Bromodichloromethane	93		94		67-130	1		20
trans-1,3-Dichloropropene	95		92		70-130	3		20
cis-1,3-Dichloropropene	96		94		70-130	2		20
Bromoform	94		91		54-136	3		20
1,1,2,2-Tetrachloroethane	85		85		67-130	0		20
Benzene	96		94		70-130	2		20
Toluene	90		88		70-130	2		20
Ethylbenzene	88		86		70-130	2		20
Chloromethane	120		120		64-130	0		20
Bromomethane	110		110		39-139	0		20
Vinyl chloride	130		120		55-140	8		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719513
Report Date: 06/19/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1013557-3 WG1013557-4								
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	97		93		70-130	4		20
1,2-Dichlorobenzene	88		89		70-130	1		20
1,3-Dichlorobenzene	90		89		70-130	1		20
1,4-Dichlorobenzene	87		88		70-130	1		20
Methyl tert butyl ether	110		100		63-130	10		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	100		99		70-130	1		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	250	Q	240	Q	36-147	4		20
Acetone	93		94		58-148	1		20
Carbon disulfide	110		120		51-130	9		20
2-Butanone	100		100		63-138	0		20
4-Methyl-2-pentanone	83		83		59-130	0		20
2-Hexanone	78		76		57-130	3		20
Bromochloromethane	110		110		70-130	0		20
1,2-Dibromoethane	96		94		70-130	2		20
1,2-Dibromo-3-chloropropane	83		81		41-144	2		20
Isopropylbenzene	88		87		70-130	1		20
1,2,3-Trichlorobenzene	80		70		70-130	13		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719513
Report Date: 06/19/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1013557-3 WG1013557-4								
1,2,4-Trichlorobenzene	76		74		70-130	3		20
Methyl Acetate	95		87		70-130	9		20
Cyclohexane	90		88		70-130	2		20
1,4-Dioxane	122		106		56-162	14		20
Freon-113	110		100		70-130	10		20
Methyl cyclohexane	94		91		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		99		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	103		103		70-130

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719513
Report Date: 06/19/17

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1719513-01A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-01B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-01C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-02A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-02B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-03A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-03B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-03C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-04A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-04B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-04C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-05A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-05B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-06A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-06B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-06C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-07A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-07B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-07C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-08A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-08B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-08C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-09A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719513
Report Date: 06/19/17

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1719513-09B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L1719513-09C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	11075 WALDEN AVENUE	Lab Number:	L1719513
Project Number:	2171362	Report Date:	06/19/17

GLOSSARY

Acronyms

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).
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.
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.
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.
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

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.

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.

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 Condensation Product".
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	11075 WALDEN AVENUE	**Lab Number:**	L1719513
Project Number:	2171362	**Report Date:**	06/19/17

Data Qualifiers

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.

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719513

Project Number: 2171362 **Report Date:** 06/19/17

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

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: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: 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**
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, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, 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 624: Volatile Halocarbons & Aromatics,
EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

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, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 6/13/17

ALPHA Job #: L1719513

Client Information
Client: Labella Associates
Address: 300 Pearl Street, Suite 120 Buffalo, NY 14202
Phone: 716-710-3038
Fax: 716-881-6282
Email: jdombrowski@labellapc.com

Project Information
Project Name: 1105 Walden Avenue
Project Location: Alden, NY
Project # 2171362
(Use Project name as Project #) ☐
Project Manager: Adam Zebrowski
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 8260C	Sample Specific Comments	Total Bottle
19513-01	MW-1	6/12/17	915	GW	JLD	X		3
02	MW-2	6/12/17	945	GW	JLD	X		2
03	MW-3	6/12/17	1030	GW	JLD	X		3
04	MW-4	6/12/17	1100	GW	JLD	X		3
05	MW-5	6/12/17	1125	GW	JLD	X		2
06	MW-6	6/12/17	1200	GW	JLD	X		3
07	MW-7	6/12/17	1240	GW	JLD	X		3
08	MW-8	6/12/17	1300	GW	JLD	X		3
09	MW-9	6/12/17	1405	GW	JLD	X		3

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
	6/12/17 1440		6.12.17 1440
	6.12.17 1440		6/13/17 00:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

ANALYTICAL REPORT

Lab Number:	L1719393
Client:	LaBella Associates, P.C. 300 Pearl Street Suite 252 Buffalo, NY 14202
ATTN:	Adam Zebrowski
Phone:	(716) 551-6281
Project Name:	11075 WALDEN AVENUE
Project Number:	2171362
Report Date:	06/16/17

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

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

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1719393-01	SB-1D0.31	SOIL	ALDEN, NY 14004	06/08/17 09:00	06/09/17
L1719393-02	SB-2D12	SOIL	ALDEN, NY 14004	06/08/17 10:15	06/09/17
L1719393-03	SB-3D910	SOIL	ALDEN, NY 14004	06/08/17 11:15	06/09/17
L1719393-04	SB-4D56	SOIL	ALDEN, NY 14004	06/08/17 12:15	06/09/17
L1719393-05	SB-6D1011	SOIL	ALDEN, NY 14004	06/08/17 15:00	06/09/17
L1719393-06	SB-7D45	SOIL	ALDEN, NY 14004	06/08/17 17:00	06/09/17
L1719393-07	SB-8D23	SOIL	ALDEN, NY 14004	06/08/17 17:30	06/09/17
L1719393-08	SB-11D12	SOIL	ALDEN, NY 14004	06/09/17 08:15	06/09/17
L1719393-09	SB-12D0.61	SOIL	ALDEN, NY 14004	06/09/17 08:45	06/09/17
L1719393-10	SB-13AD23	SOIL	ALDEN, NY 14004	06/09/17 11:00	06/09/17
L1719393-11	SB-14D89	SOIL	ALDEN, NY 14004	06/09/17 12:30	06/09/17
L1719393-12	SB-16D12	SOIL	ALDEN, NY 14004	06/09/17 13:50	06/09/17

Project Name:	11075 WALDEN AVENUE	**Lab Number:**	L1719393
Project Number:	2171362	**Report Date:**	06/16/17

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name:	11075 WALDEN AVENUE	**Lab Number:**	L1719393
Project Number:	2171362	**Report Date:**	06/16/17

Case Narrative (continued)

Report Submission

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

Volatile Organics

L1719393-07: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (59%) is below the acceptance criteria; however, re-analysis yielded no internal standard or surrogate recoveries. The results of the original analysis are reported. A high-level analysis was performed and those results are also reported.

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

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 06/16/17

ORGANICS

VOLATILES

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-01 Date Collected: 06/08/17 09:00
Client ID: SB-1D0.31 Date Received: 06/09/17
Sample Location: ALDEN, NY 14004 Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/15/17 09:44
Analyst: MV
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.6	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.27	1
Chloroform	ND		ug/kg	1.5	0.37	1
Carbon tetrachloride	ND		ug/kg	1.0	0.34	1
1,2-Dichloropropane	ND		ug/kg	3.5	0.23	1
Dibromochloromethane	ND		ug/kg	1.0	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31	1
Tetrachloroethene	1.3		ug/kg	1.0	0.30	1
Chlorobenzene	ND		ug/kg	1.0	0.35	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.42	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35	1
Bromodichloromethane	ND		ug/kg	1.0	0.31	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30	1
Benzene	ND		ug/kg	1.0	0.19	1
Toluene	0.24	J	ug/kg	1.5	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.17	1
Chloromethane	ND		ug/kg	5.0	0.44	1
Bromomethane	ND		ug/kg	2.0	0.34	1
Vinyl chloride	ND		ug/kg	2.0	0.32	1
Chloroethane	ND		ug/kg	2.0	0.32	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24	1
Trichloroethene	ND		ug/kg	1.0	0.30	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18	1

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-01 Date Collected: 06/08/17 09:00

Client ID: SB-1D0.31 Date Received: 06/09/17

Sample Location: ALDEN, NY 14004 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.0	0.15	1
p/m-Xylene	ND		ug/kg	2.0	0.35	1
o-Xylene	ND		ug/kg	2.0	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34	1
Styrene	ND		ug/kg	2.0	0.40	1
Dichlorodifluoromethane	ND		ug/kg	10	0.50	1
Acetone	2.7	J	ug/kg	10	2.3	1
Carbon disulfide	ND		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.69	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.24	1
2-Hexanone	ND		ug/kg	10	0.67	1
Bromochloromethane	ND		ug/kg	5.0	0.36	1
1,2-Dibromoethane	ND		ug/kg	4.0	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40	1
Isopropylbenzene	ND		ug/kg	1.0	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22	1
Methyl Acetate	ND		ug/kg	20	0.46	1
Cyclohexane	0.44	J	ug/kg	20	0.43	1
1,4-Dioxane	ND		ug/kg	40	14.	1
Freon-113	ND		ug/kg	20	0.52	1
Methyl cyclohexane	0.58	J	ug/kg	4.0	0.24	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	89		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-03 Date Collected: 06/08/17 11:15
Client ID: SB-3D910 Date Received: 06/09/17
Sample Location: ALDEN, NY 14004 Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/15/17 10:10
Analyst: MV
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.4	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.20	1
Chloroform	ND		ug/kg	1.1	0.27	1
Carbon tetrachloride	ND		ug/kg	0.74	0.25	1
1,2-Dichloropropane	ND		ug/kg	2.6	0.17	1
Dibromochloromethane	ND		ug/kg	0.74	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.23	1
Tetrachloroethene	ND		ug/kg	0.74	0.22	1
Chlorobenzene	ND		ug/kg	0.74	0.26	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.31	1
1,2-Dichloroethane	ND		ug/kg	0.74	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	0.74	0.26	1
Bromodichloromethane	ND		ug/kg	0.74	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	0.74	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	0.74	0.17	1
Bromoform	ND		ug/kg	3.0	0.17	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.74	0.22	1
Benzene	ND		ug/kg	0.74	0.14	1
Toluene	ND		ug/kg	1.1	0.14	1
Ethylbenzene	ND		ug/kg	0.74	0.12	1
Chloromethane	ND		ug/kg	3.7	0.32	1
Bromomethane	ND		ug/kg	1.5	0.25	1
Vinyl chloride	ND		ug/kg	1.5	0.23	1
Chloroethane	ND		ug/kg	1.5	0.23	1
1,1-Dichloroethene	ND		ug/kg	0.74	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.1	0.18	1
Trichloroethene	ND		ug/kg	0.74	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.7	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	3.7	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	3.7	0.13	1

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-03 Date Collected: 06/08/17 11:15

Client ID: SB-3D910 Date Received: 06/09/17

Sample Location: ALDEN, NY 14004 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.5	0.11	1
p/m-Xylene	ND		ug/kg	1.5	0.26	1
o-Xylene	ND		ug/kg	1.5	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.74	0.25	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	7.4	0.37	1
Acetone	ND		ug/kg	7.4	1.7	1
Carbon disulfide	ND		ug/kg	7.4	0.81	1
2-Butanone	ND		ug/kg	7.4	0.51	1
4-Methyl-2-pentanone	ND		ug/kg	7.4	0.18	1
2-Hexanone	ND		ug/kg	7.4	0.49	1
Bromochloromethane	ND		ug/kg	3.7	0.26	1
1,2-Dibromoethane	ND		ug/kg	3.0	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	0.29	1
Isopropylbenzene	ND		ug/kg	0.74	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.7	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.7	0.16	1
Methyl Acetate	ND		ug/kg	15	0.34	1
Cyclohexane	ND		ug/kg	15	0.32	1
1,4-Dioxane	ND		ug/kg	30	11.	1
Freon-113	ND		ug/kg	15	0.38	1
Methyl cyclohexane	ND		ug/kg	3.0	0.18	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	97		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-04
Client ID: SB-4D56
Sample Location: ALDEN, NY 14004

Date Collected: 06/08/17 12:15
Date Received: 06/09/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/15/17 10:36
Analyst: MV
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.4	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.20	1
Chloroform	ND		ug/kg	1.1	0.27	1
Carbon tetrachloride	ND		ug/kg	0.74	0.26	1
1,2-Dichloropropane	ND		ug/kg	2.6	0.17	1
Dibromochloromethane	ND		ug/kg	0.74	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.23	1
Tetrachloroethene	ND		ug/kg	0.74	0.22	1
Chlorobenzene	ND		ug/kg	0.74	0.26	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.31	1
1,2-Dichloroethane	ND		ug/kg	0.74	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	0.74	0.26	1
Bromodichloromethane	ND		ug/kg	0.74	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	0.74	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	0.74	0.17	1
Bromoform	ND		ug/kg	3.0	0.18	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.74	0.22	1
Benzene	ND		ug/kg	0.74	0.14	1
Toluene	ND		ug/kg	1.1	0.14	1
Ethylbenzene	ND		ug/kg	0.74	0.13	1
Chloromethane	ND		ug/kg	3.7	0.32	1
Bromomethane	ND		ug/kg	1.5	0.25	1
Vinyl chloride	ND		ug/kg	1.5	0.23	1
Chloroethane	ND		ug/kg	1.5	0.23	1
1,1-Dichloroethene	ND		ug/kg	0.74	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.1	0.18	1
Trichloroethene	ND		ug/kg	0.74	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.7	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	3.7	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	3.7	0.13	1

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-04 Date Collected: 06/08/17 12:15

Client ID: SB-4D56 Date Received: 06/09/17

Sample Location: ALDEN, NY 14004 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.5	0.11	1
p/m-Xylene	ND		ug/kg	1.5	0.26	1
o-Xylene	ND		ug/kg	1.5	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.74	0.25	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	7.4	0.37	1
Acetone	ND		ug/kg	7.4	1.7	1
Carbon disulfide	ND		ug/kg	7.4	0.82	1
2-Butanone	ND		ug/kg	7.4	0.51	1
4-Methyl-2-pentanone	ND		ug/kg	7.4	0.18	1
2-Hexanone	ND		ug/kg	7.4	0.49	1
Bromochloromethane	ND		ug/kg	3.7	0.26	1
1,2-Dibromoethane	ND		ug/kg	3.0	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	0.29	1
Isopropylbenzene	ND		ug/kg	0.74	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.7	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.7	0.16	1
Methyl Acetate	ND		ug/kg	15	0.34	1
Cyclohexane	0.35	J	ug/kg	15	0.32	1
1,4-Dioxane	ND		ug/kg	30	11.	1
Freon-113	ND		ug/kg	15	0.38	1
Methyl cyclohexane	0.33	J	ug/kg	3.0	0.18	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-05 Date Collected: 06/08/17 15:00
Client ID: SB-6D1011 Date Received: 06/09/17
Sample Location: ALDEN, NY 14004 Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/15/17 11:02
Analyst: MV
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.3	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.20	1
Chloroform	ND		ug/kg	1.1	0.27	1
Carbon tetrachloride	ND		ug/kg	0.73	0.25	1
1,2-Dichloropropane	ND		ug/kg	2.6	0.17	1
Dibromochloromethane	ND		ug/kg	0.73	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.23	1
Tetrachloroethene	ND		ug/kg	0.73	0.22	1
Chlorobenzene	ND		ug/kg	0.73	0.25	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.30	1
1,2-Dichloroethane	ND		ug/kg	0.73	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	0.73	0.26	1
Bromodichloromethane	ND		ug/kg	0.73	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	0.73	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	0.73	0.17	1
Bromoform	ND		ug/kg	2.9	0.17	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.73	0.22	1
Benzene	ND		ug/kg	0.73	0.14	1
Toluene	ND		ug/kg	1.1	0.14	1
Ethylbenzene	ND		ug/kg	0.73	0.12	1
Chloromethane	ND		ug/kg	3.6	0.32	1
Bromomethane	ND		ug/kg	1.5	0.25	1
Vinyl chloride	ND		ug/kg	1.5	0.23	1
Chloroethane	ND		ug/kg	1.5	0.23	1
1,1-Dichloroethene	ND		ug/kg	0.73	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.1	0.18	1
Trichloroethene	ND		ug/kg	0.73	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.6	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	3.6	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	3.6	0.13	1

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-05 Date Collected: 06/08/17 15:00

Client ID: SB-6D1011 Date Received: 06/09/17

Sample Location: ALDEN, NY 14004 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.5	0.11	1
p/m-Xylene	ND		ug/kg	1.5	0.26	1
o-Xylene	ND		ug/kg	1.5	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.73	0.25	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	7.3	0.36	1
Acetone	6.7	J	ug/kg	7.3	1.7	1
Carbon disulfide	ND		ug/kg	7.3	0.80	1
2-Butanone	ND		ug/kg	7.3	0.50	1
4-Methyl-2-pentanone	ND		ug/kg	7.3	0.18	1
2-Hexanone	ND		ug/kg	7.3	0.49	1
Bromochloromethane	ND		ug/kg	3.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	2.9	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	0.29	1
Isopropylbenzene	ND		ug/kg	0.73	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.6	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.6	0.16	1
Methyl Acetate	ND		ug/kg	15	0.34	1
Cyclohexane	ND		ug/kg	15	0.32	1
1,4-Dioxane	ND		ug/kg	29	10.	1
Freon-113	ND		ug/kg	15	0.38	1
Methyl cyclohexane	ND		ug/kg	2.9	0.18	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	99		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-06
Client ID: SB-7D45
Sample Location: ALDEN, NY 14004

Date Collected: 06/08/17 17:00
Date Received: 06/09/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/15/17 11:27
Analyst: MV
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.8	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.21	1
Chloroform	ND		ug/kg	1.2	0.29	1
Carbon tetrachloride	ND		ug/kg	0.78	0.27	1
1,2-Dichloropropane	ND		ug/kg	2.7	0.18	1
Dibromochloromethane	ND		ug/kg	0.78	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.24	1
Tetrachloroethene	ND		ug/kg	0.78	0.24	1
Chlorobenzene	ND		ug/kg	0.78	0.27	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.33	1
1,2-Dichloroethane	ND		ug/kg	0.78	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	0.78	0.27	1
Bromodichloromethane	ND		ug/kg	0.78	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	0.78	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	0.78	0.18	1
Bromoform	ND		ug/kg	3.1	0.18	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.78	0.23	1
Benzene	ND		ug/kg	0.78	0.15	1
Toluene	ND		ug/kg	1.2	0.15	1
Ethylbenzene	ND		ug/kg	0.78	0.13	1
Chloromethane	ND		ug/kg	3.9	0.34	1
Bromomethane	ND		ug/kg	1.6	0.26	1
Vinyl chloride	ND		ug/kg	1.6	0.25	1
Chloroethane	ND		ug/kg	1.6	0.25	1
1,1-Dichloroethene	ND		ug/kg	0.78	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.19	1
Trichloroethene	ND		ug/kg	0.78	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	3.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	3.9	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	3.9	0.14	1

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-06 Date Collected: 06/08/17 17:00

Client ID: SB-7D45 Date Received: 06/09/17

Sample Location: ALDEN, NY 14004 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.6	0.12	1
p/m-Xylene	ND		ug/kg	1.6	0.28	1
o-Xylene	ND		ug/kg	1.6	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.78	0.27	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	7.8	0.39	1
Acetone	ND		ug/kg	7.8	1.8	1
Carbon disulfide	ND		ug/kg	7.8	0.86	1
2-Butanone	ND		ug/kg	7.8	0.54	1
4-Methyl-2-pentanone	ND		ug/kg	7.8	0.19	1
2-Hexanone	ND		ug/kg	7.8	0.52	1
Bromochloromethane	ND		ug/kg	3.9	0.28	1
1,2-Dibromoethane	ND		ug/kg	3.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	0.31	1
Isopropylbenzene	ND		ug/kg	0.78	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.9	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.9	0.17	1
Methyl Acetate	ND		ug/kg	16	0.36	1
Cyclohexane	ND		ug/kg	16	0.34	1
1,4-Dioxane	ND		ug/kg	31	11.	1
Freon-113	ND		ug/kg	16	0.40	1
Methyl cyclohexane	ND		ug/kg	3.1	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	99		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-07 Date Collected: 06/08/17 17:30
Client ID: SB-8D23 Date Received: 06/09/17
Sample Location: ALDEN, NY 14004 Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/15/17 11:53
Analyst: MV
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.0	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.22	1
Chloroform	ND		ug/kg	1.2	0.30	1
Carbon tetrachloride	ND		ug/kg	0.80	0.28	1
1,2-Dichloropropane	ND		ug/kg	2.8	0.18	1
Dibromochloromethane	ND		ug/kg	0.80	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.25	1
Tetrachloroethene	ND		ug/kg	0.80	0.24	1
Chlorobenzene	ND		ug/kg	0.80	0.28	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.33	1
1,2-Dichloroethane	ND		ug/kg	0.80	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	0.80	0.28	1
Bromodichloromethane	ND		ug/kg	0.80	0.25	1
trans-1,3-Dichloropropene	ND		ug/kg	0.80	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	0.80	0.18	1
Bromoform	ND		ug/kg	3.2	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.80	0.24	1
Benzene	ND		ug/kg	0.80	0.15	1
Toluene	ND		ug/kg	1.2	0.16	1
Ethylbenzene	ND		ug/kg	0.80	0.14	1
Chloromethane	ND		ug/kg	4.0	0.35	1
Bromomethane	ND		ug/kg	1.6	0.27	1
Vinyl chloride	ND		ug/kg	1.6	0.25	1
Chloroethane	ND		ug/kg	1.6	0.25	1
1,1-Dichloroethene	ND		ug/kg	0.80	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.19	1
Trichloroethene	ND		ug/kg	0.80	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	4.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	4.0	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	4.0	0.15	1

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-07 Date Collected: 06/08/17 17:30

Client ID: SB-8D23 Date Received: 06/09/17

Sample Location: ALDEN, NY 14004 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.6	0.12	1
p/m-Xylene	ND		ug/kg	1.6	0.28	1
o-Xylene	ND		ug/kg	1.6	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.80	0.27	1
Styrene	ND		ug/kg	1.6	0.32	1
Dichlorodifluoromethane	ND		ug/kg	8.0	0.40	1
Acetone	22		ug/kg	8.0	1.8	1
Carbon disulfide	ND		ug/kg	8.0	0.88	1
2-Butanone	ND		ug/kg	8.0	0.55	1
4-Methyl-2-pentanone	ND		ug/kg	8.0	0.20	1
2-Hexanone	ND		ug/kg	8.0	0.53	1
Bromochloromethane	ND		ug/kg	4.0	0.29	1
1,2-Dibromoethane	ND		ug/kg	3.2	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	0.32	1
Isopropylbenzene	ND		ug/kg	0.80	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.0	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.0	0.17	1
Methyl Acetate	ND		ug/kg	16	0.37	1
Cyclohexane	ND		ug/kg	16	0.35	1
1,4-Dioxane	ND		ug/kg	32	12.	1
Freon-113	ND		ug/kg	16	0.41	1
Methyl cyclohexane	ND		ug/kg	3.2	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-07 Date Collected: 06/08/17 17:30
Client ID: SB-8D23 Date Received: 06/09/17
Sample Location: ALDEN, NY 14004 Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/16/17 09:15
Analyst: MV
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	560	93.	1
1,1-Dichloroethane	ND		ug/kg	85	15.	1
Chloroform	ND		ug/kg	85	21.	1
Carbon tetrachloride	ND		ug/kg	56	19.	1
1,2-Dichloropropane	ND		ug/kg	200	13.	1
Dibromochloromethane	ND		ug/kg	56	9.9	1
1,1,2-Trichloroethane	ND		ug/kg	85	18.	1
Tetrachloroethene	ND		ug/kg	56	17.	1
Chlorobenzene	ND		ug/kg	56	20.	1
Trichlorofluoromethane	ND		ug/kg	280	24.	1
1,2-Dichloroethane	ND		ug/kg	56	14.	1
1,1,1-Trichloroethane	ND		ug/kg	56	20.	1
Bromodichloromethane	ND		ug/kg	56	17.	1
trans-1,3-Dichloropropene	ND		ug/kg	56	12.	1
cis-1,3-Dichloropropene	ND		ug/kg	56	13.	1
1,3-Dichloropropene, Total	ND		ug/kg	56	12.	1
Bromoform	ND		ug/kg	220	13.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	56	17.	1
Benzene	ND		ug/kg	56	11.	1
Toluene	ND		ug/kg	85	11.	1
Ethylbenzene	ND		ug/kg	56	9.6	1
Chloromethane	ND		ug/kg	280	25.	1
Bromomethane	ND		ug/kg	110	19.	1
Vinyl chloride	ND		ug/kg	110	18.	1
Chloroethane	ND		ug/kg	110	18.	1
1,1-Dichloroethene	ND		ug/kg	56	21.	1
trans-1,2-Dichloroethene	ND		ug/kg	85	14.	1
Trichloroethene	ND		ug/kg	56	17.	1
1,2-Dichlorobenzene	ND		ug/kg	280	10.	1
1,3-Dichlorobenzene	ND		ug/kg	280	12.	1

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-07 Date Collected: 06/08/17 17:30

Client ID: SB-8D23 Date Received: 06/09/17

Sample Location: ALDEN, NY 14004 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	280	10.	1
Methyl tert butyl ether	ND		ug/kg	110	8.6	1
p/m-Xylene	ND		ug/kg	110	20.	1
o-Xylene	ND		ug/kg	110	19.	1
Xylenes, Total	ND		ug/kg	110	19.	1
cis-1,2-Dichloroethene	ND		ug/kg	56	19.	1
1,2-Dichloroethene, Total	ND		ug/kg	56	14.	1
Styrene	ND		ug/kg	110	23.	1
Dichlorodifluoromethane	ND		ug/kg	560	28.	1
Acetone	ND		ug/kg	560	130	1
Carbon disulfide	ND		ug/kg	560	62.	1
2-Butanone	ND		ug/kg	560	39.	1
4-Methyl-2-pentanone	ND		ug/kg	560	14.	1
2-Hexanone	ND		ug/kg	560	38.	1
Bromochloromethane	ND		ug/kg	280	20.	1
1,2-Dibromoethane	ND		ug/kg	220	11.	1
n-Butylbenzene	ND		ug/kg	56	13.	1
sec-Butylbenzene	ND		ug/kg	56	12.	1
tert-Butylbenzene	ND		ug/kg	280	14.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	280	22.	1
Isopropylbenzene	ND		ug/kg	56	11.	1
p-Isopropyltoluene	25	J	ug/kg	56	11.	1
Naphthalene	ND		ug/kg	280	7.8	1
n-Propylbenzene	ND		ug/kg	56	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	280	14.	1
1,2,4-Trichlorobenzene	ND		ug/kg	280	12.	1
1,3,5-Trimethylbenzene	ND		ug/kg	280	9.1	1
1,2,4-Trimethylbenzene	ND		ug/kg	280	10.	1
1,4-Dioxane	ND		ug/kg	2200	810	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	95		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-10 Date Collected: 06/09/17 11:00
Client ID: SB-13AD23 Date Received: 06/09/17
Sample Location: ALDEN, NY 14004 Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/15/17 21:18
Analyst: MV
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.7	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.21	1
Chloroform	ND		ug/kg	1.2	0.29	1
Carbon tetrachloride	ND		ug/kg	0.77	0.27	1
1,2-Dichloropropane	ND		ug/kg	2.7	0.18	1
Dibromochloromethane	ND		ug/kg	0.77	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.24	1
Tetrachloroethene	ND		ug/kg	0.77	0.23	1
Chlorobenzene	ND		ug/kg	0.77	0.27	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.32	1
1,2-Dichloroethane	ND		ug/kg	0.77	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	0.77	0.27	1
Bromodichloromethane	ND		ug/kg	0.77	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	0.77	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	0.77	0.18	1
Bromoform	ND		ug/kg	3.1	0.18	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.77	0.23	1
Benzene	ND		ug/kg	0.77	0.15	1
Toluene	ND		ug/kg	1.2	0.15	1
Ethylbenzene	ND		ug/kg	0.77	0.13	1
Chloromethane	ND		ug/kg	3.9	0.34	1
Bromomethane	ND		ug/kg	1.5	0.26	1
Vinyl chloride	ND		ug/kg	1.5	0.24	1
Chloroethane	ND		ug/kg	1.5	0.24	1
1,1-Dichloroethene	ND		ug/kg	0.77	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.19	1
Trichloroethene	ND		ug/kg	0.77	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	3.9	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	3.9	0.14	1

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-10 Date Collected: 06/09/17 11:00

Client ID: SB-13AD23 Date Received: 06/09/17

Sample Location: ALDEN, NY 14004 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.5	0.12	1
p/m-Xylene	ND		ug/kg	1.5	0.27	1
o-Xylene	ND		ug/kg	1.5	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.77	0.26	1
Styrene	ND		ug/kg	1.5	0.31	1
Dichlorodifluoromethane	ND		ug/kg	7.7	0.39	1
Acetone	56		ug/kg	7.7	1.8	1
Carbon disulfide	ND		ug/kg	7.7	0.85	1
2-Butanone	9.2		ug/kg	7.7	0.53	1
4-Methyl-2-pentanone	ND		ug/kg	7.7	0.19	1
2-Hexanone	ND		ug/kg	7.7	0.52	1
Bromochloromethane	ND		ug/kg	3.9	0.28	1
1,2-Dibromoethane	ND		ug/kg	3.1	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	0.31	1
Isopropylbenzene	ND		ug/kg	0.77	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.9	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.9	0.17	1
Methyl Acetate	ND		ug/kg	15	0.36	1
Cyclohexane	ND		ug/kg	15	0.34	1
1,4-Dioxane	ND		ug/kg	31	11.	1
Freon-113	ND		ug/kg	15	0.40	1
Methyl cyclohexane	ND		ug/kg	3.1	0.18	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	106		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-11 Date Collected: 06/09/17 12:30
Client ID: SB-14D89 Date Received: 06/09/17
Sample Location: ALDEN, NY 14004 Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/15/17 21:48
Analyst: MV
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.6	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.21	1
Chloroform	ND		ug/kg	1.1	0.28	1
Carbon tetrachloride	ND		ug/kg	0.76	0.26	1
1,2-Dichloropropane	ND		ug/kg	2.7	0.17	1
Dibromochloromethane	ND		ug/kg	0.76	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.24	1
Tetrachloroethene	170		ug/kg	0.76	0.23	1
Chlorobenzene	ND		ug/kg	0.76	0.26	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.32	1
1,2-Dichloroethane	ND		ug/kg	0.76	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	0.76	0.27	1
Bromodichloromethane	ND		ug/kg	0.76	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	0.76	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	0.76	0.18	1
Bromoform	ND		ug/kg	3.0	0.18	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.76	0.23	1
Benzene	ND		ug/kg	0.76	0.15	1
Toluene	ND		ug/kg	1.1	0.15	1
Ethylbenzene	ND		ug/kg	0.76	0.13	1
Chloromethane	ND		ug/kg	3.8	0.33	1
Bromomethane	ND		ug/kg	1.5	0.26	1
Vinyl chloride	ND		ug/kg	1.5	0.24	1
Chloroethane	ND		ug/kg	1.5	0.24	1
1,1-Dichloroethene	ND		ug/kg	0.76	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.1	0.18	1
Trichloroethene	5.6		ug/kg	0.76	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.8	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	3.8	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	3.8	0.14	1

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-11 Date Collected: 06/09/17 12:30

Client ID: SB-14D89 Date Received: 06/09/17

Sample Location: ALDEN, NY 14004 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.5	0.12	1
p/m-Xylene	ND		ug/kg	1.5	0.27	1
o-Xylene	ND		ug/kg	1.5	0.26	1
cis-1,2-Dichloroethene	1.1		ug/kg	0.76	0.26	1
Styrene	ND		ug/kg	1.5	0.31	1
Dichlorodifluoromethane	ND		ug/kg	7.6	0.38	1
Acetone	ND		ug/kg	7.6	1.7	1
Carbon disulfide	ND		ug/kg	7.6	0.84	1
2-Butanone	ND		ug/kg	7.6	0.53	1
4-Methyl-2-pentanone	ND		ug/kg	7.6	0.19	1
2-Hexanone	ND		ug/kg	7.6	0.51	1
Bromochloromethane	ND		ug/kg	3.8	0.27	1
1,2-Dibromoethane	ND		ug/kg	3.0	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	0.30	1
Isopropylbenzene	ND		ug/kg	0.76	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.8	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.8	0.16	1
Methyl Acetate	ND		ug/kg	15	0.35	1
Cyclohexane	ND		ug/kg	15	0.33	1
1,4-Dioxane	ND		ug/kg	30	11.	1
Freon-113	ND		ug/kg	15	0.39	1
Methyl cyclohexane	ND		ug/kg	3.0	0.18	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-12 Date Collected: 06/09/17 13:50
Client ID: SB-16D12 Date Received: 06/09/17
Sample Location: ALDEN, NY 14004 Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/15/17 22:13
Analyst: MV
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.0	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.22	1
Chloroform	ND		ug/kg	1.2	0.29	1
Carbon tetrachloride	ND		ug/kg	0.80	0.27	1
1,2-Dichloropropane	ND		ug/kg	2.8	0.18	1
Dibromochloromethane	ND		ug/kg	0.80	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.25	1
Tetrachloroethene	ND		ug/kg	0.80	0.24	1
Chlorobenzene	ND		ug/kg	0.80	0.28	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.33	1
1,2-Dichloroethane	ND		ug/kg	0.80	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	0.80	0.28	1
Bromodichloromethane	ND		ug/kg	0.80	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	0.80	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	0.80	0.18	1
Bromoform	ND		ug/kg	3.2	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.80	0.24	1
Benzene	ND		ug/kg	0.80	0.15	1
Toluene	ND		ug/kg	1.2	0.16	1
Ethylbenzene	ND		ug/kg	0.80	0.14	1
Chloromethane	ND		ug/kg	4.0	0.35	1
Bromomethane	ND		ug/kg	1.6	0.27	1
Vinyl chloride	ND		ug/kg	1.6	0.25	1
Chloroethane	ND		ug/kg	1.6	0.25	1
1,1-Dichloroethene	ND		ug/kg	0.80	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.19	1
Trichloroethene	ND		ug/kg	0.80	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	4.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	4.0	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	4.0	0.14	1

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-12 Date Collected: 06/09/17 13:50

Client ID: SB-16D12 Date Received: 06/09/17

Sample Location: ALDEN, NY 14004 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.6	0.12	1
p/m-Xylene	ND		ug/kg	1.6	0.28	1
o-Xylene	ND		ug/kg	1.6	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.80	0.27	1
Styrene	ND		ug/kg	1.6	0.32	1
Dichlorodifluoromethane	ND		ug/kg	8.0	0.40	1
Acetone	ND		ug/kg	8.0	1.8	1
Carbon disulfide	ND		ug/kg	8.0	0.88	1
2-Butanone	ND		ug/kg	8.0	0.55	1
4-Methyl-2-pentanone	ND		ug/kg	8.0	0.19	1
2-Hexanone	ND		ug/kg	8.0	0.53	1
Bromochloromethane	ND		ug/kg	4.0	0.28	1
1,2-Dibromoethane	ND		ug/kg	3.2	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	0.32	1
Isopropylbenzene	ND		ug/kg	0.80	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.0	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.0	0.17	1
Methyl Acetate	ND		ug/kg	16	0.37	1
Cyclohexane	ND		ug/kg	16	0.34	1
1,4-Dioxane	ND		ug/kg	32	11.	1
Freon-113	ND		ug/kg	16	0.41	1
Methyl cyclohexane	ND		ug/kg	3.2	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/15/17 08:53
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03-07 Batch: WG1013797-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/15/17 08:53
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03-07 Batch: WG1013797-5					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.19
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
Methyl Acetate	ND		ug/kg	20	0.46
Cyclohexane	ND		ug/kg	20	0.43
1,4-Dioxane	ND		ug/kg	40	14.
Freon-113	ND		ug/kg	20	0.51
Methyl cyclohexane	ND		ug/kg	4.0	0.24

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/15/17 08:53
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03-07 Batch: WG1013797-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	94		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/15/17 20:27
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 10-12 Batch: WG1013802-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/15/17 20:27
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 10-12 Batch: WG1013802-5					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.19
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
Methyl Acetate	ND		ug/kg	20	0.46
Cyclohexane	ND		ug/kg	20	0.43
1,4-Dioxane	ND		ug/kg	40	14.
Freon-113	ND		ug/kg	20	0.51
Methyl cyclohexane	ND		ug/kg	4.0	0.24

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/15/17 20:27
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 10-12 Batch: WG1013802-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/16/17 08:49
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 07 Batch: WG1013934-5					
Methylene chloride	ND		ug/kg	500	82.
1,1-Dichloroethane	ND		ug/kg	75	14.
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	17.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	8.8
1,1,2-Trichloroethane	ND		ug/kg	75	16.
Tetrachloroethene	ND		ug/kg	50	15.
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	21.
1,2-Dichloroethane	ND		ug/kg	50	12.
1,1,1-Trichloroethane	ND		ug/kg	50	18.
Bromodichloromethane	ND		ug/kg	50	15.
trans-1,3-Dichloropropene	ND		ug/kg	50	10.
cis-1,3-Dichloropropene	ND		ug/kg	50	12.
1,3-Dichloropropene, Total	ND		ug/kg	50	10.
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	15.
Benzene	ND		ug/kg	50	9.6
Toluene	ND		ug/kg	75	9.8
Ethylbenzene	ND		ug/kg	50	8.5
Chloromethane	ND		ug/kg	250	22.
Bromomethane	ND		ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	16.
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	19.
trans-1,2-Dichloroethene	ND		ug/kg	75	12.
Trichloroethene	ND		ug/kg	50	15.
1,2-Dichlorobenzene	ND		ug/kg	250	9.1

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/16/17 08:49
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 07 Batch: WG1013934-5					
1,3-Dichlorobenzene	ND		ug/kg	250	11.
1,4-Dichlorobenzene	ND		ug/kg	250	9.1
Methyl tert butyl ether	ND		ug/kg	100	7.6
p/m-Xylene	ND		ug/kg	100	18.
o-Xylene	ND		ug/kg	100	17.
Xylenes, Total	ND		ug/kg	100	17.
cis-1,2-Dichloroethene	ND		ug/kg	50	17.
1,2-Dichloroethene, Total	ND		ug/kg	50	12.
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	25.
Acetone	ND		ug/kg	500	110
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	34.
4-Methyl-2-pentanone	ND		ug/kg	500	12.
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	18.
1,2-Dibromoethane	ND		ug/kg	200	10.
n-Butylbenzene	ND		ug/kg	50	11.
sec-Butylbenzene	ND		ug/kg	50	11.
tert-Butylbenzene	ND		ug/kg	250	12.
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Isopropylbenzene	ND		ug/kg	50	9.7
p-Isopropyltoluene	ND		ug/kg	50	10.
Naphthalene	ND		ug/kg	250	6.9
n-Propylbenzene	ND		ug/kg	50	11.
1,2,3-Trichlorobenzene	ND		ug/kg	250	12.
1,2,4-Trichlorobenzene	ND		ug/kg	250	11.
1,3,5-Trimethylbenzene	ND		ug/kg	250	8.0
1,2,4-Trimethylbenzene	ND		ug/kg	250	9.3

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/16/17 08:49
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 07 Batch: WG1013934-5					
Methyl Acetate	ND		ug/kg	1000	23.
Cyclohexane	ND		ug/kg	1000	22.
1,4-Dioxane	ND		ug/kg	2000	720
Freon-113	ND		ug/kg	1000	26.
Methyl cyclohexane	ND		ug/kg	200	12.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-07 Batch: WG1013797-3 WG1013797-4								
Methylene chloride	95		92		70-130	3		30
1,1-Dichloroethane	99		98		70-130	1		30
Chloroform	98		96		70-130	2		30
Carbon tetrachloride	100		98		70-130	2		30
1,2-Dichloropropane	100		99		70-130	1		30
Dibromochloromethane	87		88		70-130	1		30
1,1,2-Trichloroethane	90		92		70-130	2		30
Tetrachloroethene	100		96		70-130	4		30
Chlorobenzene	93		92		70-130	1		30
Trichlorofluoromethane	96		95		70-139	1		30
1,2-Dichloroethane	88		88		70-130	0		30
1,1,1-Trichloroethane	103		99		70-130	4		30
Bromodichloromethane	95		93		70-130	2		30
trans-1,3-Dichloropropene	91		92		70-130	1		30
cis-1,3-Dichloropropene	99		98		70-130	1		30
Bromoform	88		88		70-130	0		30
1,1,2,2-Tetrachloroethane	84		87		70-130	4		30
Benzene	102		100		70-130	2		30
Toluene	97		95		70-130	2		30
Ethylbenzene	97		94		70-130	3		30
Chloromethane	87		86		52-130	1		30
Bromomethane	103		96		57-147	7		30
Vinyl chloride	84		85		67-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-07 Batch: WG1013797-3 WG1013797-4								
Chloroethane	87		85		50-151	2		30
1,1-Dichloroethene	101		98		65-135	3		30
trans-1,2-Dichloroethene	100		99		70-130	1		30
Trichloroethene	101		99		70-130	2		30
1,2-Dichlorobenzene	89		88		70-130	1		30
1,3-Dichlorobenzene	92		90		70-130	2		30
1,4-Dichlorobenzene	89		88		70-130	1		30
Methyl tert butyl ether	95		95		66-130	0		30
p/m-Xylene	100		97		70-130	3		30
o-Xylene	94		92		70-130	2		30
cis-1,2-Dichloroethene	98		98		70-130	0		30
Styrene	93		92		70-130	1		30
Dichlorodifluoromethane	79		76		30-146	4		30
Acetone	86		86		54-140	0		30
Carbon disulfide	81		78		59-130	4		30
2-Butanone	94		98		70-130	4		30
4-Methyl-2-pentanone	88		89		70-130	1		30
2-Hexanone	80		80		70-130	0		30
Bromochloromethane	98		97		70-130	1		30
1,2-Dibromoethane	91		90		70-130	1		30
1,2-Dibromo-3-chloropropane	81		82		68-130	1		30
Isopropylbenzene	95		93		70-130	2		30
1,2,3-Trichlorobenzene	89		87		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-07 Batch: WG1013797-3 WG1013797-4								
1,2,4-Trichlorobenzene	92		88		70-130	4		30
Methyl Acetate	96		96		51-146	0		30
Cyclohexane	110		106		59-142	4		30
1,4-Dioxane	96		94		65-136	2		30
Freon-113	106		104		50-139	2		30
Methyl cyclohexane	110		107		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		89		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	96		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 10-12 Batch: WG1013802-3 WG1013802-4								
Methylene chloride	96		93		70-130	3		30
1,1-Dichloroethane	102		98		70-130	4		30
Chloroform	103		99		70-130	4		30
Carbon tetrachloride	103		99		70-130	4		30
1,2-Dichloropropane	100		97		70-130	3		30
Dibromochloromethane	93		92		70-130	1		30
1,1,2-Trichloroethane	93		91		70-130	2		30
Tetrachloroethene	92		87		70-130	6		30
Chlorobenzene	90		88		70-130	2		30
Trichlorofluoromethane	101		98		70-139	3		30
1,2-Dichloroethane	103		97		70-130	6		30
1,1,1-Trichloroethane	105		101		70-130	4		30
Bromodichloromethane	102		98		70-130	4		30
trans-1,3-Dichloropropene	95		92		70-130	3		30
cis-1,3-Dichloropropene	99		96		70-130	3		30
Bromoform	91		92		70-130	1		30
1,1,2,2-Tetrachloroethane	86		87		70-130	1		30
Benzene	100		95		70-130	5		30
Toluene	92		88		70-130	4		30
Ethylbenzene	92		88		70-130	4		30
Chloromethane	92		87		52-130	6		30
Bromomethane	99		93		57-147	6		30
Vinyl chloride	83		79		67-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 10-12 Batch: WG1013802-3 WG1013802-4								
Chloroethane	90		85		50-151	6		30
1,1-Dichloroethene	96		92		65-135	4		30
trans-1,2-Dichloroethene	97		92		70-130	5		30
Trichloroethene	97		95		70-130	2		30
1,2-Dichlorobenzene	87		85		70-130	2		30
1,3-Dichlorobenzene	88		86		70-130	2		30
1,4-Dichlorobenzene	86		84		70-130	2		30
Methyl tert butyl ether	99		96		66-130	3		30
p/m-Xylene	94		90		70-130	4		30
o-Xylene	90		87		70-130	3		30
cis-1,2-Dichloroethene	97		94		70-130	3		30
Styrene	94		90		70-130	4		30
Dichlorodifluoromethane	76		72		30-146	5		30
Acetone	102		95		54-140	7		30
Carbon disulfide	91		92		59-130	1		30
2-Butanone	105		103		70-130	2		30
4-Methyl-2-pentanone	93		88		70-130	6		30
2-Hexanone	84		83		70-130	1		30
Bromochloromethane	100		96		70-130	4		30
1,2-Dibromoethane	93		89		70-130	4		30
1,2-Dibromo-3-chloropropane	82		82		68-130	0		30
Isopropylbenzene	86		84		70-130	2		30
1,2,3-Trichlorobenzene	85		83		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 10-12 Batch: WG1013802-3 WG1013802-4								
1,2,4-Trichlorobenzene	83		82		70-130	1		30
Methyl Acetate	110		107		51-146	3		30
Cyclohexane	103		98		59-142	5		30
1,4-Dioxane	98		93		65-136	5		30
Freon-113	102		97		50-139	5		30
Methyl cyclohexane	100		93		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		103		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	96		98		70-130
Dibromofluoromethane	102		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07 Batch: WG1013934-3 WG1013934-4								
Methylene chloride	91		91		70-130	0		30
1,1-Dichloroethane	93		94		70-130	1		30
Chloroform	94		93		70-130	1		30
Carbon tetrachloride	95		95		70-130	0		30
1,2-Dichloropropane	96		96		70-130	0		30
Dibromochloromethane	86		87		70-130	1		30
1,1,2-Trichloroethane	88		89		70-130	1		30
Tetrachloroethene	91		89		70-130	2		30
Chlorobenzene	87		86		70-130	1		30
Trichlorofluoromethane	92		90		70-139	2		30
1,2-Dichloroethane	88		89		70-130	1		30
1,1,1-Trichloroethane	95		95		70-130	0		30
Bromodichloromethane	91		92		70-130	1		30
trans-1,3-Dichloropropene	88		89		70-130	1		30
cis-1,3-Dichloropropene	96		96		70-130	0		30
Bromoform	85		89		70-130	5		30
1,1,2,2-Tetrachloroethane	82		85		70-130	4		30
Benzene	95		95		70-130	0		30
Toluene	87		88		70-130	1		30
Ethylbenzene	88		87		70-130	1		30
Chloromethane	80		81		52-130	1		30
Bromomethane	91		88		57-147	3		30
Vinyl chloride	78		78		67-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07 Batch: WG1013934-3 WG1013934-4								
Chloroethane	81		81		50-151	0		30
1,1-Dichloroethene	92		92		65-135	0		30
trans-1,2-Dichloroethene	93		93		70-130	0		30
Trichloroethene	94		94		70-130	0		30
1,2-Dichlorobenzene	84		85		70-130	1		30
1,3-Dichlorobenzene	85		87		70-130	2		30
1,4-Dichlorobenzene	83		85		70-130	2		30
Methyl tert butyl ether	93		94		66-130	1		30
p/m-Xylene	90		88		70-130	2		30
o-Xylene	86		86		70-130	0		30
cis-1,2-Dichloroethene	93		92		70-130	1		30
Styrene	88		87		70-130	1		30
Dichlorodifluoromethane	71		70		30-146	1		30
Acetone	86		88		54-140	2		30
Carbon disulfide	73		73		59-130	0		30
2-Butanone	94		95		70-130	1		30
4-Methyl-2-pentanone	85		87		70-130	2		30
2-Hexanone	79		78		70-130	1		30
Bromochloromethane	96		95		70-130	1		30
1,2-Dibromoethane	88		89		70-130	1		30
n-Butylbenzene	86		88		70-130	2		30
sec-Butylbenzene	87		88		70-130	1		30
tert-Butylbenzene	86		87		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07 Batch: WG1013934-3 WG1013934-4								
1,2-Dibromo-3-chloropropane	80		79		68-130	1		30
Isopropylbenzene	85		87		70-130	2		30
p-Isopropyltoluene	86		88		70-130	2		30
Naphthalene	80		83		70-130	4		30
n-Propylbenzene	84		87		70-130	4		30
1,2,3-Trichlorobenzene	85		87		70-130	2		30
1,2,4-Trichlorobenzene	84		85		70-130	1		30
1,3,5-Trimethylbenzene	87		88		70-130	1		30
1,2,4-Trimethylbenzene	86		88		70-130	2		30
Methyl Acetate	94		98		51-146	4		30
Cyclohexane	99		99		59-142	0		30
1,4-Dioxane	92		91		65-136	1		30
Freon-113	97		96		50-139	1		30
Methyl cyclohexane	99		99		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		91		70-130
Toluene-d8	95		94		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	97		96		70-130

METALS

Project Name:	11075 WALDEN AVENUE	Lab Number:	L1719393
Project Number:	2171362	Report Date:	06/16/17

SAMPLE RESULTS

Lab ID:	L1719393-01	Date Collected:	06/08/17 09:00
Client ID:	SB-1D0.31	Date Received:	06/09/17
Sample Location:	ALDEN, NY 14004	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.40		mg/kg	0.430	0.089	1	06/12/17 20:08	06/16/17 02:12	EPA 3050B	1,6010C	AB
Barium, Total	22.6		mg/kg	0.430	0.075	1	06/12/17 20:08	06/16/17 02:12	EPA 3050B	1,6010C	AB
Cadmium, Total	0.107	J	mg/kg	0.430	0.042	1	06/12/17 20:08	06/16/17 02:12	EPA 3050B	1,6010C	AB
Chromium, Total	7.37		mg/kg	0.430	0.041	1	06/12/17 20:08	06/16/17 02:12	EPA 3050B	1,6010C	AB
Lead, Total	8.20		mg/kg	2.15	0.115	1	06/12/17 20:08	06/16/17 02:12	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.07	0.02	1	06/13/17 08:20	06/13/17 10:50	EPA 7471B	1,7471B	BV
Selenium, Total	0.400	J	mg/kg	0.859	0.111	1	06/12/17 20:08	06/16/17 02:12	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.430	0.122	1	06/12/17 20:08	06/16/17 02:12	EPA 3050B	1,6010C	AB

Project Name:	11075 WALDEN AVENUE	Lab Number:	L1719393
Project Number:	2171362	Report Date:	06/16/17

SAMPLE RESULTS

Lab ID:	L1719393-02	Date Collected:	06/08/17 10:15
Client ID:	SB-2D12	Date Received:	06/09/17
Sample Location:	ALDEN, NY 14004	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.87		mg/kg	0.432	0.090	1	06/12/17 20:08	06/16/17 02:17	EPA 3050B	1,6010C	AB
Barium, Total	104		mg/kg	0.432	0.075	1	06/12/17 20:08	06/16/17 02:17	EPA 3050B	1,6010C	AB
Cadmium, Total	0.307	J	mg/kg	0.432	0.042	1	06/12/17 20:08	06/16/17 02:17	EPA 3050B	1,6010C	AB
Chromium, Total	8.84		mg/kg	0.432	0.042	1	06/12/17 20:08	06/16/17 02:17	EPA 3050B	1,6010C	AB
Lead, Total	20.4		mg/kg	2.16	0.116	1	06/12/17 20:08	06/16/17 02:17	EPA 3050B	1,6010C	AB
Mercury, Total	0.04	J	mg/kg	0.07	0.02	1	06/13/17 08:20	06/13/17 10:52	EPA 7471B	1,7471B	BV
Selenium, Total	0.627	J	mg/kg	0.864	0.112	1	06/12/17 20:08	06/16/17 02:17	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.432	0.122	1	06/12/17 20:08	06/16/17 02:17	EPA 3050B	1,6010C	AB

Project Name:	11075 WALDEN AVENUE	Lab Number:	L1719393
Project Number:	2171362	Report Date:	06/16/17

SAMPLE RESULTS

Lab ID:	L1719393-08	Date Collected:	06/09/17 08:15
Client ID:	SB-11D12	Date Received:	06/09/17
Sample Location:	ALDEN, NY 14004	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.06		mg/kg	0.420	0.088	1	06/12/17 20:08	06/16/17 02:21	EPA 3050B	1,6010C	AB
Barium, Total	11.3		mg/kg	0.420	0.073	1	06/12/17 20:08	06/16/17 02:21	EPA 3050B	1,6010C	AB
Cadmium, Total	0.715		mg/kg	0.420	0.041	1	06/12/17 20:08	06/16/17 02:21	EPA 3050B	1,6010C	AB
Chromium, Total	9.38		mg/kg	0.420	0.040	1	06/12/17 20:08	06/16/17 02:21	EPA 3050B	1,6010C	AB
Lead, Total	20.3		mg/kg	2.10	0.113	1	06/12/17 20:08	06/16/17 02:21	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.07	0.01	1	06/13/17 08:20	06/13/17 10:54	EPA 7471B	1,7471B	BV
Selenium, Total	0.198	J	mg/kg	0.841	0.108	1	06/12/17 20:08	06/16/17 02:21	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.420	0.119	1	06/12/17 20:08	06/16/17 02:21	EPA 3050B	1,6010C	AB

Project Name:	11075 WALDEN AVENUE	Lab Number:	L1719393
Project Number:	2171362	Report Date:	06/16/17

SAMPLE RESULTS

Lab ID:	L1719393-09	Date Collected:	06/09/17 08:45
Client ID:	SB-12D0.61	Date Received:	06/09/17
Sample Location:	ALDEN, NY 14004	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	83%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.03		mg/kg	0.464	0.097	1	06/12/17 20:08	06/16/17 02:25	EPA 3050B	1,6010C	AB
Barium, Total	38.1		mg/kg	0.464	0.081	1	06/12/17 20:08	06/16/17 02:25	EPA 3050B	1,6010C	AB
Cadmium, Total	0.158	J	mg/kg	0.464	0.046	1	06/12/17 20:08	06/16/17 02:25	EPA 3050B	1,6010C	AB
Chromium, Total	15.3		mg/kg	0.464	0.045	1	06/12/17 20:08	06/16/17 02:25	EPA 3050B	1,6010C	AB
Lead, Total	18.6		mg/kg	2.32	0.124	1	06/12/17 20:08	06/16/17 02:25	EPA 3050B	1,6010C	AB
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	06/13/17 08:20	06/13/17 10:56	EPA 7471B	1,7471B	BV
Selenium, Total	0.869	J	mg/kg	0.929	0.120	1	06/12/17 20:08	06/16/17 02:25	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.464	0.131	1	06/12/17 20:08	06/16/17 02:25	EPA 3050B	1,6010C	AB

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362
Lab Number: L1719393
Report Date: 06/16/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,08-09 Batch: WG1012104-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/12/17 20:08	06/16/17 01:07	1,6010C	AB
Barium, Total	0.128	J	mg/kg	0.400	0.070	1	06/12/17 20:08	06/16/17 01:07	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/12/17 20:08	06/16/17 01:07	1,6010C	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/12/17 20:08	06/16/17 01:07	1,6010C	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	06/12/17 20:08	06/16/17 01:07	1,6010C	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/12/17 20:08	06/16/17 01:07	1,6010C	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	06/12/17 20:08	06/16/17 01:07	1,6010C	AB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,08-09 Batch: WG1012410-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	06/13/17 08:20	06/13/17 10:20	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,08-09 Batch: WG1012104-2 SRM Lot Number: D093-540								
Arsenic, Total	105		-		70-130	-		
Barium, Total	91		-		83-117	-		
Cadmium, Total	93		-		83-117	-		
Chromium, Total	94		-		80-120	-		
Lead, Total	95		-		82-117	-		
Selenium, Total	93		-		78-122	-		
Silver, Total	97		-		76-124	-		
Total Metals - Mansfield Lab Associated sample(s): 01-02,08-09 Batch: WG1012410-2 SRM Lot Number: D093-540								
Mercury, Total	104		-		72-128	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,08-09 QC Batch ID: WG1012104-3 QC Sample: L1719284-01 Client ID: MS Sample												
Arsenic, Total	3.17	10.1	13.8	105		-	-		75-125	-		20
Barium, Total	85.4	169	269	109		-	-		75-125	-		20
Cadmium, Total	ND	4.31	3.78	88		-	-		75-125	-		20
Chromium, Total	5.86	16.9	25.3	115		-	-		75-125	-		20
Lead, Total	52.4	43.1	156	**240**	Q	-	-		75-125	-		20
Selenium, Total	ND	10.1	10.5	104		-	-		75-125	-		20
Silver, Total	ND	25.3	27.1	107		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-02,08-09 QC Batch ID: WG1012410-3 WG1012410-4 QC Sample: L1719497-04 Client ID: MS Sample												
Mercury, Total	ND	0.138	0.17	**124**	Q	0.17	**121**	Q	80-120	0		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,08-09 QC Batch ID: WG1012104-4 QC Sample: L1719284-01 Client ID: DUP Sample						
Arsenic, Total	3.17	4.57	mg/kg	36	Q	20
Barium, Total	85.4	88.3	mg/kg	3		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	5.86	7.42	mg/kg	23	Q	20
Lead, Total	52.4	60.3	mg/kg	14		20
Selenium, Total	ND	0.313J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-01
Client ID: SB-1D0.31
Sample Location: ALDEN, NY 14004
Matrix: Soil

Date Collected: 06/08/17 09:00
Date Received: 06/09/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	06/10/17 13:32	121,2540G	RI

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-02
Client ID: SB-2D12
Sample Location: ALDEN, NY 14004
Matrix: Soil

Date Collected: 06/08/17 10:15
Date Received: 06/09/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	06/10/17 13:32	121,2540G	RI

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-03
Client ID: SB-3D910
Sample Location: ALDEN, NY 14004
Matrix: Soil

Date Collected: 06/08/17 11:15
Date Received: 06/09/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.1		%	0.100	NA	1	-	06/10/17 13:32	121,2540G	RI

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-04
Client ID: SB-4D56
Sample Location: ALDEN, NY 14004
Matrix: Soil

Date Collected: 06/08/17 12:15
Date Received: 06/09/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.7		%	0.100	NA	1	-	06/10/17 13:32	121,2540G	RI

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-05
Client ID: SB-6D1011
Sample Location: ALDEN, NY 14004
Matrix: Soil

Date Collected: 06/08/17 15:00
Date Received: 06/09/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.9		%	0.100	NA	1	-	06/10/17 13:32	121,2540G	RI

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-06
Client ID: SB-7D45
Sample Location: ALDEN, NY 14004
Matrix: Soil

Date Collected: 06/08/17 17:00
Date Received: 06/09/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	06/10/17 13:32	121,2540G	RI

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-07
Client ID: SB-8D23
Sample Location: ALDEN, NY 14004
Matrix: Soil

Date Collected: 06/08/17 17:30
Date Received: 06/09/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	06/10/17 13:32	121,2540G	RI

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-08
Client ID: SB-11D12
Sample Location: ALDEN, NY 14004
Matrix: Soil

Date Collected: 06/09/17 08:15
Date Received: 06/09/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	06/10/17 13:32	121,2540G	RI

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-09
Client ID: SB-12D0.61
Sample Location: ALDEN, NY 14004
Matrix: Soil

Date Collected: 06/09/17 08:45
Date Received: 06/09/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	06/10/17 13:32	121,2540G	RI

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-10
Client ID: SB-13AD23
Sample Location: ALDEN, NY 14004
Matrix: Soil

Date Collected: 06/09/17 11:00
Date Received: 06/09/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	06/10/17 13:32	121,2540G	RI

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-11
Client ID: SB-14D89
Sample Location: ALDEN, NY 14004
Matrix: Soil

Date Collected: 06/09/17 12:30
Date Received: 06/09/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.3		%	0.100	NA	1	-	06/10/17 13:32	121,2540G	RI

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

SAMPLE RESULTS

Lab ID: L1719393-12
Client ID: SB-16D12
Sample Location: ALDEN, NY 14004
Matrix: Soil

Date Collected: 06/09/17 13:50
Date Received: 06/09/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	06/10/17 13:32	121,2540G	RI

Lab Duplicate Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG1011890-1 QC Sample: L1719393-02 Client ID: SB-2D12						
Solids, Total	89.8	89.1	%	1		20

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1719393-01A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW-R2(14)
L1719393-01B	Vial water preserved	A	NA		2.6	Y	Absent	10-JUN-17 06:54	NYTCL-8260HLW-R2(14)
L1719393-01C	Vial water preserved	A	NA		2.6	Y	Absent	10-JUN-17 06:54	NYTCL-8260HLW-R2(14)
L1719393-01D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L1719393-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1719393-02A	Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		TS(7)
L1719393-02B	Glass 60ml unpreserved split	A	NA		2.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1719393-03A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW-R2(14)
L1719393-03B	Vial water preserved	A	NA		2.6	Y	Absent	10-JUN-17 06:54	NYTCL-8260HLW-R2(14)
L1719393-03C	Vial water preserved	A	NA		2.6	Y	Absent	10-JUN-17 06:54	NYTCL-8260HLW-R2(14)
L1719393-03D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L1719393-04A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW-R2(14)
L1719393-04B	Vial water preserved	A	NA		2.6	Y	Absent	10-JUN-17 06:54	NYTCL-8260HLW-R2(14)
L1719393-04C	Vial water preserved	A	NA		2.6	Y	Absent	10-JUN-17 06:54	NYTCL-8260HLW-R2(14)
L1719393-04D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L1719393-05A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW-R2(14)
L1719393-05B	Vial water preserved	A	NA		2.6	Y	Absent	10-JUN-17 06:54	NYTCL-8260HLW-R2(14)
L1719393-05C	Vial water preserved	A	NA		2.6	Y	Absent	10-JUN-17 06:54	NYTCL-8260HLW-R2(14)
L1719393-05D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L1719393-06A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW-R2(14)
L1719393-06B	Vial water preserved	A	NA		2.6	Y	Absent	10-JUN-17 06:54	NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 11075 WALDEN AVENUE
Project Number: 2171362

Lab Number: L1719393
Report Date: 06/16/17

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1719393-06C	Vial water preserved	A	NA		2.6	Y	Absent	10-JUN-17 06:54	NYTCL-8260HLW-R2(14)
L1719393-06D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L1719393-07A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L1719393-07B	Vial water preserved	A	NA		2.6	Y	Absent	10-JUN-17 06:54	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L1719393-07C	Vial water preserved	A	NA		2.6	Y	Absent	10-JUN-17 06:54	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L1719393-07D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L1719393-08A	Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		TS(7)
L1719393-08B	Glass 60ml unpreserved split	A	NA		2.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1719393-09A	Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		TS(7)
L1719393-09B	Glass 60ml unpreserved split	A	NA		2.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1719393-10A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW-R2(14)
L1719393-10B	Vial water preserved	A	NA		2.6	Y	Absent	10-JUN-17 06:54	NYTCL-8260HLW-R2(14)
L1719393-10C	Vial water preserved	A	NA		2.6	Y	Absent	10-JUN-17 06:54	NYTCL-8260HLW-R2(14)
L1719393-10D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L1719393-11A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW-R2(14)
L1719393-11B	Vial water preserved	A	NA		2.6	Y	Absent	10-JUN-17 06:54	NYTCL-8260HLW-R2(14)
L1719393-11C	Vial water preserved	A	NA		2.6	Y	Absent	10-JUN-17 06:54	NYTCL-8260HLW-R2(14)
L1719393-11D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L1719393-12A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW-R2(14)
L1719393-12B	Vial water preserved	A	NA		2.6	Y	Absent	10-JUN-17 06:54	NYTCL-8260HLW-R2(14)
L1719393-12C	Vial water preserved	A	NA		2.6	Y	Absent	10-JUN-17 06:54	NYTCL-8260HLW-R2(14)
L1719393-12D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name:	11075 WALDEN AVENUE	**Lab Number:**	L1719393
Project Number:	2171362	**Report Date:**	06/16/17

GLOSSARY

Acronyms

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).
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.
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.
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.
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

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.

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.

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 Condensation Product".
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	11075 WALDEN AVENUE	**Lab Number:**	L1719393
Project Number:	2171362	**Report Date:**	06/16/17

Data Qualifiers

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.

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name: 11075 WALDEN AVENUE **Lab Number:** L1719393

Project Number: 2171362 **Report Date:** 06/16/17

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: 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**
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, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, 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 624: Volatile Halocarbons & Aromatics,
EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

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, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-9288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 6/10/17

ALPHA Job #: L1719393

Client Information

Client: LaBella Associates
Address: 300 Pearl Street, Suite 320
Buffalo, NY 14202
Phone: 716-710-2088
Fax: 716-551-6281
Email: jdombrowski@labella.com

Project Information

Project Name: 11075 Walden Avenue
Project Location: Alden, NY 14004
Project #: 2171362
(Use Project name as Project #) ☐
Project Manager: Adam Zebrowski
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration

☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	RCRA Metals	Total Bottle	Sample Specific Comments
19393-01	SB-1D 0.3'	6/8/17	900	Soil	JLD	X	X		
-02	SB-2D 12	6/8/17	1015	Soil	JLD	X	X		
-03	SB-3D 10	6/8/17	1115	Soil	JLD	X			
-04	SB-4D 5.6	6/8/17	1215	Soil	JLD	X			
-05	SB-6D 10.1	6/8/17	1500	Soil	JLD	X			
-06	SB-7D 4.5	6/8/17	1700	Soil	JLD	X			
-07	SB-8D 2.3	6/8/17	1730	Soil	JLD	X			
-08	SB-11D 12	6/9/17	815	Soil	JLD		X		
-09	SB-12D 0.6'	6/9/17	845	Soil	JLD		X		
-10	SB-13AD 2.3	6/9/17	1100	Soil	JLD	X			

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Jessica J. Dombrowski	6/9/17 15	JMT AAL	6/09/17 16:05
JMT AAL	6/09/17 16:05		6/10/17 0825

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-9288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 2 of 2

Date Rec'd in Lab: 6/10/17

ALPHA Job #: L1719393

Client Information

Client: LaBella Associates
Address: 300 Pearl Street, Suite 120
Buffalo, NY 14202
Phone: 716-710-3028
Fax: 716-551-6281
Email: jdombrowski@labellapc.com

Project Information

Project Name: 11075 Walden Avenue
Project Location: Alden, NY 14004
Project # 2171362
(Use Project name as Project #) ☐
Project Manager: Adam Zebrowski
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

Sample Filtration

☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: TCL VOCs	ANALYSIS: RCRA Metals	Total Bottle	Sample Specific Comments
19393-11	SB-14D89	6/9/17	1230	Soil	JLD	X			
-12	SB-16D12	6/9/17	1350	Soil	JLD	X			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
	6/9/17 15		6/09/17 16:05
AAL	6/09/17 16:05		6/10/17 0825

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
Tel: (802)660-1990

TestAmerica Job ID: 200-39611-1
Client Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

For:
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Attn: Adam Zebrowski

Melissa Deyo

Authorized for release by:
8/15/2017 2:27:10 PM

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-39611-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-39611-1

Job ID: 200-39611-1

Laboratory: TestAmerica Burlington

Narrative

Job Narrative
200-39611-1

Receipt
The samples were received on 8/5/2017 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice.

Receipt Exceptions
The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): OD1 (200-39611-5). The Flow controller ID llists <3048>, while the COC and sample tag attached to the sample canister, lists <3408>.

Air Toxics
Method(s) TO-15: The laboratory control sample (LCS) for analytical batch 200-119484 recovered outside control limits for the following analytes: Carbon disulfide. These analytes were biased low in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-39611-1

Client Sample ID: SS1 — Lab Sample ID: 200-39611-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	23000		1200	170	ppb v/v	5900		TO-15	Total/NA
1,2-Dichloroethene, Total	23000		2400	170	ppb v/v	5900		TO-15	Total/NA
Trichloroethene	2500		1200	54	ppb v/v	5900		TO-15	Total/NA
Tetrachloroethene	71000		1200	58	ppb v/v	5900		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	91000		4700	680	ug/m3	5900		TO-15	Total/NA
1,2-Dichloroethene, Total	91000		9400	680	ug/m3	5900		TO-15	Total/NA
Trichloroethene	13000		6300	290	ug/m3	5900		TO-15	Total/NA
Tetrachloroethene	480000		8000	390	ug/m3	5900		TO-15	Total/NA

Client Sample ID: ID1 — Lab Sample ID: 200-39611-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.48	J	0.50	0.047	ppb v/v	1		TO-15	Total/NA
Freon 22	2.8		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.53		0.50	0.16	ppb v/v	1		TO-15	Total/NA
n-Butane	20		0.50	0.046	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.23		0.20	0.031	ppb v/v	1		TO-15	Total/NA
Freon TF	0.051	J	0.20	0.027	ppb v/v	1		TO-15	Total/NA
Acetone	6.4		5.0	1.3	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	0.38	J	5.0	0.13	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.078	J *	0.50	0.028	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.13	J	0.50	0.068	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.55		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	0.65		0.50	0.11	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.55		0.20	0.029	ppb v/v	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.55		0.40	0.029	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.063	J	0.20	0.045	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.063	J	0.20	0.011	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.052	J	0.20	0.043	ppb v/v	1		TO-15	Total/NA
Benzene	0.10	J	0.20	0.028	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.15	J	0.20	0.068	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.65		0.20	0.0091	ppb v/v	1		TO-15	Total/NA
Toluene	0.15	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	2.8		0.20	0.0098	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.12	J	0.50	0.086	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.092	J	0.50	0.077	ppb v/v	1		TO-15	Total/NA
Xylene, o-	0.044	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.14	J	0.70	0.040	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.093	J	0.20	0.057	ppb v/v	1		TO-15	Total/NA
1,4-Dichlorobenzene	0.24		0.20	0.063	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.4	J	2.5	0.23	ug/m3	1		TO-15	Total/NA
Freon 22	9.9		1.8	0.71	ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0	0.33	ug/m3	1		TO-15	Total/NA
n-Butane	49		1.2	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.3		1.1	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	0.39	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
Acetone	15		12	3.1	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	0.94	J	12	0.32	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-39611-1

Client Sample ID: ID1 (Continued) — Lab Sample ID: 200-39611-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.24	J *	1.6	0.087	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.47	J	1.7	0.24	ug/m3	1		TO-15	Total/NA
n-Hexane	1.9		0.70	0.16	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.9		1.5	0.32	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	2.2		0.79	0.11	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	2.2		1.6	0.11	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.22	J	0.69	0.15	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.39	J	1.3	0.069	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.24	J	0.93	0.20	ug/m3	1		TO-15	Total/NA
Benzene	0.32	J	0.64	0.089	ug/m3	1		TO-15	Total/NA
n-Heptane	0.63	J	0.82	0.28	ug/m3	1		TO-15	Total/NA
Trichloroethene	3.5		1.1	0.049	ug/m3	1		TO-15	Total/NA
Toluene	0.55	J	0.75	0.13	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	19		1.4	0.066	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.48	J	2.0	0.35	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.40	J	2.2	0.33	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.19	J	0.87	0.17	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.59	J	3.0	0.17	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.46	J	0.98	0.28	ug/m3	1		TO-15	Total/NA
1,4-Dichlorobenzene	1.5		1.2	0.38	ug/m3	1		TO-15	Total/NA

Client Sample ID: SS2 — Lab Sample ID: 200-39611-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	140	J	370	34	ppb v/v	736		TO-15	Total/NA
Carbon disulfide	57	J *	370	21	ppb v/v	736		TO-15	Total/NA
cis-1,2-Dichloroethene	1700		150	21	ppb v/v	736		TO-15	Total/NA
1,2-Dichloroethene, Total	1700		290	21	ppb v/v	736		TO-15	Total/NA
Trichloroethene	1000		150	6.7	ppb v/v	736		TO-15	Total/NA
Toluene	160		150	26	ppb v/v	736		TO-15	Total/NA
Tetrachloroethene	7600		150	7.2	ppb v/v	736		TO-15	Total/NA
Ethylbenzene	49	J	150	25	ppb v/v	736		TO-15	Total/NA
m,p-Xylene	120	J	370	57	ppb v/v	736		TO-15	Total/NA
Xylene, o-	51	J	150	29	ppb v/v	736		TO-15	Total/NA
Xylene (total)	170	J	520	29	ppb v/v	736		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	320	J	870	80	ug/m3	736		TO-15	Total/NA
Carbon disulfide	180	J *	1100	64	ug/m3	736		TO-15	Total/NA
cis-1,2-Dichloroethene	6700		580	85	ug/m3	736		TO-15	Total/NA
1,2-Dichloroethene, Total	6700		1200	85	ug/m3	736		TO-15	Total/NA
Trichloroethene	5600		790	36	ug/m3	736		TO-15	Total/NA
Toluene	620		550	97	ug/m3	736		TO-15	Total/NA
Tetrachloroethene	52000		1000	49	ug/m3	736		TO-15	Total/NA
Ethylbenzene	210	J	640	110	ug/m3	736		TO-15	Total/NA
m,p-Xylene	520	J	1600	250	ug/m3	736		TO-15	Total/NA
Xylene, o-	220	J	640	130	ug/m3	736		TO-15	Total/NA
Xylene (total)	740	J	2200	130	ug/m3	736		TO-15	Total/NA

Client Sample ID: ID2 — Lab Sample ID: 200-39611-4

This Detection Summary does not include radiochemical test results.

Client Sample ID: ID2 (Continued)

Lab Sample ID: 200-39611-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.44	J	0.50	0.047	ppb v/v	1		TO-15	Total/NA
Freon 22	1.9		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.48	J	0.50	0.16	ppb v/v	1		TO-15	Total/NA
n-Butane	15		0.50	0.046	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.21		0.20	0.031	ppb v/v	1		TO-15	Total/NA
Freon TF	0.052	J	0.20	0.027	ppb v/v	1		TO-15	Total/NA
Acetone	5.1		5.0	1.3	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	0.31	J	5.0	0.13	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.071	J *	0.50	0.028	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.10	J	0.50	0.068	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.42		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	0.38	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.31		0.20	0.029	ppb v/v	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.31	J	0.40	0.029	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.049	J	0.20	0.045	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.062	J	0.20	0.011	ppb v/v	1		TO-15	Total/NA
Benzene	0.082	J	0.20	0.028	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.12	J	0.20	0.068	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.57		0.20	0.0091	ppb v/v	1		TO-15	Total/NA
methyl isobutyl ketone	0.88		0.50	0.065	ppb v/v	1		TO-15	Total/NA
Toluene	0.15	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	1.8		0.20	0.0098	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.094	J	0.50	0.077	ppb v/v	1		TO-15	Total/NA
Xylene, o-	0.044	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.14	J	0.70	0.040	ppb v/v	1		TO-15	Total/NA
1,4-Dichlorobenzene	0.12	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.23	ug/m3	1		TO-15	Total/NA
Freon 22	6.7		1.8	0.71	ug/m3	1		TO-15	Total/NA
Chloromethane	1.0	J	1.0	0.33	ug/m3	1		TO-15	Total/NA
n-Butane	36		1.2	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	0.40	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
Acetone	12		12	3.1	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	0.77	J	12	0.32	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.22	J *	1.6	0.087	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.36	J	1.7	0.24	ug/m3	1		TO-15	Total/NA
n-Hexane	1.5		0.70	0.16	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.1	J	1.5	0.32	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	1.2		0.79	0.11	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	1.2	J	1.6	0.11	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.17	J	0.69	0.15	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.39	J	1.3	0.069	ug/m3	1		TO-15	Total/NA
Benzene	0.26	J	0.64	0.089	ug/m3	1		TO-15	Total/NA
n-Heptane	0.48	J	0.82	0.28	ug/m3	1		TO-15	Total/NA
Trichloroethene	3.1		1.1	0.049	ug/m3	1		TO-15	Total/NA
methyl isobutyl ketone	3.6		2.0	0.27	ug/m3	1		TO-15	Total/NA
Toluene	0.55	J	0.75	0.13	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	12		1.4	0.066	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.41	J	2.2	0.33	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: ID2 (Continued) — Lab Sample ID: 200-39611-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylene, o-	0.19	J	0.87	0.17	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.60	J	3.0	0.17	ug/m3	1		TO-15	Total/NA
1,4-Dichlorobenzene	0.71	J	1.2	0.38	ug/m3	1		TO-15	Total/NA

Client Sample ID: OD1 — Lab Sample ID: 200-39611-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.42	J	0.50	0.047	ppb v/v	1		TO-15	Total/NA
Freon 22	0.29	J	0.50	0.20	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.56		0.50	0.16	ppb v/v	1		TO-15	Total/NA
n-Butane	0.47	J	0.50	0.046	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.19	J	0.20	0.031	ppb v/v	1		TO-15	Total/NA
Freon TF	0.047	J	0.20	0.027	ppb v/v	1		TO-15	Total/NA
Acetone	5.2		5.0	1.3	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	0.26	J	5.0	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.10	J	0.50	0.068	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	0.60		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.062	J	0.20	0.011	ppb v/v	1		TO-15	Total/NA
Benzene	0.073	J	0.20	0.028	ppb v/v	1		TO-15	Total/NA
Toluene	0.13	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.021	J	0.20	0.0098	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.035	J	0.20	0.034	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.11	J	0.50	0.077	ppb v/v	1		TO-15	Total/NA
Xylene, o-	0.043	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.15	J	0.70	0.040	ppb v/v	1		TO-15	Total/NA
Styrene	0.043	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.1	J	2.5	0.23	ug/m3	1		TO-15	Total/NA
Freon 22	1.0	J	1.8	0.71	ug/m3	1		TO-15	Total/NA
Chloromethane	1.2		1.0	0.33	ug/m3	1		TO-15	Total/NA
n-Butane	1.1	J	1.2	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.0	J	1.1	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	0.36	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
Acetone	12		12	3.1	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	0.64	J	12	0.32	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.36	J	1.7	0.24	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.8		1.5	0.32	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.39	J	1.3	0.069	ug/m3	1		TO-15	Total/NA
Benzene	0.23	J	0.64	0.089	ug/m3	1		TO-15	Total/NA
Toluene	0.51	J	0.75	0.13	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.14	J	1.4	0.066	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.15	J	0.87	0.15	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.49	J	2.2	0.33	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.19	J	0.87	0.17	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.66	J	3.0	0.17	ug/m3	1		TO-15	Total/NA
Styrene	0.18	J	0.85	0.15	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS1

Date Collected: 08/03/17 16:40
Date Received: 08/05/17 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-39611-1

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		3000	280	ppb v/v			08/09/17 00:23	5900
Freon 22	ND		3000	1200	ppb v/v			08/09/17 00:23	5900
1,2-Dichlorotetrafluoroethane	ND		1200	240	ppb v/v			08/09/17 00:23	5900
Chloromethane	ND		3000	940	ppb v/v			08/09/17 00:23	5900
n-Butane	ND		3000	270	ppb v/v			08/09/17 00:23	5900
Vinyl chloride	ND		1200	110	ppb v/v			08/09/17 00:23	5900
1,3-Butadiene	ND		1200	220	ppb v/v			08/09/17 00:23	5900
Bromomethane	ND		1200	210	ppb v/v			08/09/17 00:23	5900
Chloroethane	ND		3000	770	ppb v/v			08/09/17 00:23	5900
Bromoethene(Vinyl Bromide)	ND		1200	130	ppb v/v			08/09/17 00:23	5900
Trichlorofluoromethane	ND		1200	180	ppb v/v			08/09/17 00:23	5900
Freon TF	ND		1200	160	ppb v/v			08/09/17 00:23	5900
1,1-Dichloroethene	ND		1200	210	ppb v/v			08/09/17 00:23	5900
Acetone	ND		30000	7700	ppb v/v			08/09/17 00:23	5900
Isopropyl alcohol	ND		30000	770	ppb v/v			08/09/17 00:23	5900
Carbon disulfide	ND	*	3000	170	ppb v/v			08/09/17 00:23	5900
3-Chloropropene	ND		3000	370	ppb v/v			08/09/17 00:23	5900
Methylene Chloride	ND		3000	400	ppb v/v			08/09/17 00:23	5900
tert-Butyl alcohol	ND		30000	10000	ppb v/v			08/09/17 00:23	5900
Methyl tert-butyl ether	ND		1200	240	ppb v/v			08/09/17 00:23	5900
trans-1,2-Dichloroethene	ND		1200	300	ppb v/v			08/09/17 00:23	5900
n-Hexane	ND		1200	270	ppb v/v			08/09/17 00:23	5900
1,1-Dichloroethane	ND		1200	100	ppb v/v			08/09/17 00:23	5900
Methyl Ethyl Ketone	ND		3000	650	ppb v/v			08/09/17 00:23	5900
cis-1,2-Dichloroethene	**23000**		1200	170	ppb v/v			08/09/17 00:23	5900
1,2-Dichloroethene, Total	**23000**		2400	170	ppb v/v			08/09/17 00:23	5900
Chloroform	ND		1200	150	ppb v/v			08/09/17 00:23	5900
Tetrahydrofuran	ND		30000	7100	ppb v/v			08/09/17 00:23	5900
1,1,1-Trichloroethane	ND		1200	150	ppb v/v			08/09/17 00:23	5900
Cyclohexane	ND		1200	270	ppb v/v			08/09/17 00:23	5900
Carbon tetrachloride	ND		1200	65	ppb v/v			08/09/17 00:23	5900
2,2,4-Trimethylpentane	ND		1200	250	ppb v/v			08/09/17 00:23	5900
Benzene	ND		1200	170	ppb v/v			08/09/17 00:23	5900
1,2-Dichloroethane	ND		1200	200	ppb v/v			08/09/17 00:23	5900
n-Heptane	ND		1200	400	ppb v/v			08/09/17 00:23	5900
Trichloroethene	**2500**		1200	54	ppb v/v			08/09/17 00:23	5900
Methyl methacrylate	ND		3000	650	ppb v/v			08/09/17 00:23	5900
1,2-Dichloropropane	ND		1200	210	ppb v/v			08/09/17 00:23	5900
1,4-Dioxane	ND		30000	4500	ppb v/v			08/09/17 00:23	5900
Bromodichloromethane	ND		1200	350	ppb v/v			08/09/17 00:23	5900
cis-1,3-Dichloropropene	ND		1200	210	ppb v/v			08/09/17 00:23	5900
methyl isobutyl ketone	ND		3000	380	ppb v/v			08/09/17 00:23	5900
Toluene	ND		1200	210	ppb v/v			08/09/17 00:23	5900
trans-1,3-Dichloropropene	ND		1200	220	ppb v/v			08/09/17 00:23	5900
1,1,2-Trichloroethane	ND		1200	100	ppb v/v			08/09/17 00:23	5900
Tetrachloroethene	**71000**		1200	58	ppb v/v			08/09/17 00:23	5900
Methyl Butyl Ketone (2-Hexanone)	ND		3000	510	ppb v/v			08/09/17 00:23	5900
Dibromochloromethane	ND		1200	100	ppb v/v			08/09/17 00:23	5900

Client Sample ID: SS1
Date Collected: 08/03/17 16:40
Date Received: 08/05/17 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-39611-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1200	140	ppb v/v			08/09/17 00:23	5900
Chlorobenzene	ND		1200	150	ppb v/v			08/09/17 00:23	5900
Ethylbenzene	ND		1200	200	ppb v/v			08/09/17 00:23	5900
m,p-Xylene	ND		3000	450	ppb v/v			08/09/17 00:23	5900
Xylene, o-	ND		1200	240	ppb v/v			08/09/17 00:23	5900
Xylene (total)	ND		4100	240	ppb v/v			08/09/17 00:23	5900
Styrene	ND		1200	210	ppb v/v			08/09/17 00:23	5900
Bromoform	ND		1200	210	ppb v/v			08/09/17 00:23	5900
Cumene	ND		1200	230	ppb v/v			08/09/17 00:23	5900
1,1,2,2-Tetrachloroethane	ND		1200	150	ppb v/v			08/09/17 00:23	5900
n-Propylbenzene	ND		1200	240	ppb v/v			08/09/17 00:23	5900
4-Ethyltoluene	ND		1200	240	ppb v/v			08/09/17 00:23	5900
1,3,5-Trimethylbenzene	ND		1200	240	ppb v/v			08/09/17 00:23	5900
2-Chlorotoluene	ND		1200	210	ppb v/v			08/09/17 00:23	5900
tert-Butylbenzene	ND		1200	220	ppb v/v			08/09/17 00:23	5900
1,2,4-Trimethylbenzene	ND		1200	340	ppb v/v			08/09/17 00:23	5900
sec-Butylbenzene	ND		1200	220	ppb v/v			08/09/17 00:23	5900
4-Isopropyltoluene	ND		1200	310	ppb v/v			08/09/17 00:23	5900
1,3-Dichlorobenzene	ND		1200	300	ppb v/v			08/09/17 00:23	5900
1,4-Dichlorobenzene	ND		1200	370	ppb v/v			08/09/17 00:23	5900
Benzyl chloride	ND		1200	400	ppb v/v			08/09/17 00:23	5900
n-Butylbenzene	ND		1200	400	ppb v/v			08/09/17 00:23	5900
1,2-Dichlorobenzene	ND		1200	270	ppb v/v			08/09/17 00:23	5900
1,2,4-Trichlorobenzene	ND		3000	1100	ppb v/v			08/09/17 00:23	5900
Hexachlorobutadiene	ND		1200	380	ppb v/v			08/09/17 00:23	5900
Naphthalene	ND		3000	590	ppb v/v			08/09/17 00:23	5900

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		15000	1400	ug/m3			08/09/17 00:23	5900
Freon 22	ND		10000	4200	ug/m3			08/09/17 00:23	5900
1,2-Dichlorotetrafluoroethane	ND		8200	1700	ug/m3			08/09/17 00:23	5900
Chloromethane	ND		6100	1900	ug/m3			08/09/17 00:23	5900
n-Butane	ND		7000	650	ug/m3			08/09/17 00:23	5900
Vinyl chloride	ND		3000	270	ug/m3			08/09/17 00:23	5900
1,3-Butadiene	ND		2600	480	ug/m3			08/09/17 00:23	5900
Bromomethane	ND		4600	820	ug/m3			08/09/17 00:23	5900
Chloroethane	ND		7800	2000	ug/m3			08/09/17 00:23	5900
Bromoethene(Vinyl Bromide)	ND		5200	570	ug/m3			08/09/17 00:23	5900
Trichlorofluoromethane	ND		6600	1000	ug/m3			08/09/17 00:23	5900
Freon TF	ND		9000	1200	ug/m3			08/09/17 00:23	5900
1,1-Dichloroethene	ND		4700	820	ug/m3			08/09/17 00:23	5900
Acetone	ND		70000	18000	ug/m3			08/09/17 00:23	5900
Isopropyl alcohol	ND		73000	1900	ug/m3			08/09/17 00:23	5900
Carbon disulfide	ND	*	9200	510	ug/m3			08/09/17 00:23	5900
3-Chloropropene	ND		9200	1200	ug/m3			08/09/17 00:23	5900
Methylene Chloride	ND		10000	1400	ug/m3			08/09/17 00:23	5900
tert-Butyl alcohol	ND		89000	30000	ug/m3			08/09/17 00:23	5900
Methyl tert-butyl ether	ND		4300	870	ug/m3			08/09/17 00:23	5900
trans-1,2-Dichloroethene	ND		4700	1200	ug/m3			08/09/17 00:23	5900

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-39611-1

Client Sample ID: SS1
Date Collected: 08/03/17 16:40
Date Received: 08/05/17 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-39611-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Hexane	ND		4200	960	ug/m3			08/09/17 00:23	5900
1,1-Dichloroethane	ND		4800	410	ug/m3			08/09/17 00:23	5900
Methyl Ethyl Ketone	ND		8700	1900	ug/m3			08/09/17 00:23	5900
cis-1,2-Dichloroethene	**91000**		4700	680	ug/m3			08/09/17 00:23	5900
1,2-Dichloroethene, Total	**91000**		9400	680	ug/m3			08/09/17 00:23	5900
Chloroform	ND		5800	720	ug/m3			08/09/17 00:23	5900
Tetrahydrofuran	ND		87000	21000	ug/m3			08/09/17 00:23	5900
1,1,1-Trichloroethane	ND		6400	840	ug/m3			08/09/17 00:23	5900
Cyclohexane	ND		4100	910	ug/m3			08/09/17 00:23	5900
Carbon tetrachloride	ND		7400	410	ug/m3			08/09/17 00:23	5900
2,2,4-Trimethylpentane	ND		5500	1200	ug/m3			08/09/17 00:23	5900
Benzene	ND		3800	530	ug/m3			08/09/17 00:23	5900
1,2-Dichloroethane	ND		4800	810	ug/m3			08/09/17 00:23	5900
n-Heptane	ND		4800	1600	ug/m3			08/09/17 00:23	5900
Trichloroethene	**13000**		6300	290	ug/m3			08/09/17 00:23	5900
Methyl methacrylate	ND		12000	2700	ug/m3			08/09/17 00:23	5900
1,2-Dichloropropane	ND		5500	950	ug/m3			08/09/17 00:23	5900
1,4-Dioxane	ND		110000	16000	ug/m3			08/09/17 00:23	5900
Bromodichloromethane	ND		7900	2300	ug/m3			08/09/17 00:23	5900
cis-1,3-Dichloropropene	ND		5400	960	ug/m3			08/09/17 00:23	5900
methyl isobutyl ketone	ND		12000	1600	ug/m3			08/09/17 00:23	5900
Toluene	ND		4400	780	ug/m3			08/09/17 00:23	5900
trans-1,3-Dichloropropene	ND		5400	1000	ug/m3			08/09/17 00:23	5900
1,1,2-Trichloroethane	ND		6400	550	ug/m3			08/09/17 00:23	5900
Tetrachloroethene	**480000**		8000	390	ug/m3			08/09/17 00:23	5900
Methyl Butyl Ketone (2-Hexanone)	ND		12000	2100	ug/m3			08/09/17 00:23	5900
Dibromochloromethane	ND		10000	850	ug/m3			08/09/17 00:23	5900
1,2-Dibromoethane	ND		9100	1000	ug/m3			08/09/17 00:23	5900
Chlorobenzene	ND		5400	680	ug/m3			08/09/17 00:23	5900
Ethylbenzene	ND		5100	870	ug/m3			08/09/17 00:23	5900
m,p-Xylene	ND		13000	2000	ug/m3			08/09/17 00:23	5900
Xylene, o-	ND		5100	1000	ug/m3			08/09/17 00:23	5900
Xylene (total)	ND		18000	1000	ug/m3			08/09/17 00:23	5900
Styrene	ND		5000	880	ug/m3			08/09/17 00:23	5900
Bromoform	ND		12000	2100	ug/m3			08/09/17 00:23	5900
Cumene	ND		5800	1100	ug/m3			08/09/17 00:23	5900
1,1,2,2-Tetrachloroethane	ND		8100	1100	ug/m3			08/09/17 00:23	5900
n-Propylbenzene	ND		5800	1200	ug/m3			08/09/17 00:23	5900
4-Ethyltoluene	ND		5800	1200	ug/m3			08/09/17 00:23	5900
1,3,5-Trimethylbenzene	ND		5800	1200	ug/m3			08/09/17 00:23	5900
2-Chlorotoluene	ND		6100	1100	ug/m3			08/09/17 00:23	5900
tert-Butylbenzene	ND		6500	1200	ug/m3			08/09/17 00:23	5900
1,2,4-Trimethylbenzene	ND		5800	1700	ug/m3			08/09/17 00:23	5900
sec-Butylbenzene	ND		6500	1200	ug/m3			08/09/17 00:23	5900
4-Isopropyltoluene	ND		6500	1700	ug/m3			08/09/17 00:23	5900
1,3-Dichlorobenzene	ND		7100	1800	ug/m3			08/09/17 00:23	5900
1,4-Dichlorobenzene	ND		7100	2200	ug/m3			08/09/17 00:23	5900
Benzyl chloride	ND		6100	2000	ug/m3			08/09/17 00:23	5900

Client Sample ID: SS1
Lab Sample ID: 200-39611-1
Date Collected: 08/03/17 16:40
Matrix: Air
Date Received: 08/05/17 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		6500	2200	ug/m3			08/09/17 00:23	5900
1,2-Dichlorobenzene	ND		7100	1600	ug/m3			08/09/17 00:23	5900
1,2,4-Trichlorobenzene	ND		22000	8300	ug/m3			08/09/17 00:23	5900
Hexachlorobutadiene	ND		13000	4000	ug/m3			08/09/17 00:23	5900
Naphthalene	ND		15000	3100	ug/m3			08/09/17 00:23	5900

Client Sample ID: ID1
Lab Sample ID: 200-39611-2
Date Collected: 08/03/17 16:40
Matrix: Air
Date Received: 08/05/17 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.48**	**J**	0.50	0.047	ppb v/v			08/08/17 18:30	1
Freon 22	**2.8**		0.50	0.20	ppb v/v			08/08/17 18:30	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.041	ppb v/v			08/08/17 18:30	1
Chloromethane	**0.53**		0.50	0.16	ppb v/v			08/08/17 18:30	1
n-Butane	**20**		0.50	0.046	ppb v/v			08/08/17 18:30	1
Vinyl chloride	ND		0.20	0.018	ppb v/v			08/08/17 18:30	1
1,3-Butadiene	ND		0.20	0.037	ppb v/v			08/08/17 18:30	1
Bromomethane	ND		0.20	0.036	ppb v/v			08/08/17 18:30	1
Chloroethane	ND		0.50	0.13	ppb v/v			08/08/17 18:30	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.022	ppb v/v			08/08/17 18:30	1
Trichlorofluoromethane	**0.23**		0.20	0.031	ppb v/v			08/08/17 18:30	1
Freon TF	**0.051**	**J**	0.20	0.027	ppb v/v			08/08/17 18:30	1
1,1-Dichloroethene	ND		0.20	0.035	ppb v/v			08/08/17 18:30	1
Acetone	**6.4**		5.0	1.3	ppb v/v			08/08/17 18:30	1
Isopropyl alcohol	**0.38**	**J**	5.0	0.13	ppb v/v			08/08/17 18:30	1
Carbon disulfide	**0.078**	**J ***	0.50	0.028	ppb v/v			08/08/17 18:30	1
3-Chloropropene	ND		0.50	0.063	ppb v/v			08/08/17 18:30	1
Methylene Chloride	**0.13**	**J**	0.50	0.068	ppb v/v			08/08/17 18:30	1
tert-Butyl alcohol	ND		5.0	1.7	ppb v/v			08/08/17 18:30	1
Methyl tert-butyl ether	ND		0.20	0.041	ppb v/v			08/08/17 18:30	1
trans-1,2-Dichloroethene	ND		0.20	0.050	ppb v/v			08/08/17 18:30	1
n-Hexane	**0.55**		0.20	0.046	ppb v/v			08/08/17 18:30	1
1,1-Dichloroethane	ND		0.20	0.017	ppb v/v			08/08/17 18:30	1
Methyl Ethyl Ketone	**0.65**		0.50	0.11	ppb v/v			08/08/17 18:30	1
cis-1,2-Dichloroethene	**0.55**		0.20	0.029	ppb v/v			08/08/17 18:30	1
1,2-Dichloroethene, Total	**0.55**		0.40	0.029	ppb v/v			08/08/17 18:30	1
Chloroform	ND		0.20	0.025	ppb v/v			08/08/17 18:30	1
Tetrahydrofuran	ND		5.0	1.2	ppb v/v			08/08/17 18:30	1
1,1,1-Trichloroethane	ND		0.20	0.026	ppb v/v			08/08/17 18:30	1
Cyclohexane	**0.063**	**J**	0.20	0.045	ppb v/v			08/08/17 18:30	1
Carbon tetrachloride	**0.063**	**J**	0.20	0.011	ppb v/v			08/08/17 18:30	1
2,2,4-Trimethylpentane	**0.052**	**J**	0.20	0.043	ppb v/v			08/08/17 18:30	1
Benzene	**0.10**	**J**	0.20	0.028	ppb v/v			08/08/17 18:30	1
1,2-Dichloroethane	ND		0.20	0.034	ppb v/v			08/08/17 18:30	1
n-Heptane	**0.15**	**J**	0.20	0.068	ppb v/v			08/08/17 18:30	1
Trichloroethene	**0.65**		0.20	0.0091	ppb v/v			08/08/17 18:30	1

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-39611-1

Client Sample ID: ID1
Date Collected: 08/03/17 16:40
Date Received: 08/05/17 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-39611-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl methacrylate	ND		0.50	0.11	ppb v/v			08/08/17 18:30	1
1,2-Dichloropropane	ND		0.20	0.035	ppb v/v			08/08/17 18:30	1
1,4-Dioxane	ND		5.0	0.76	ppb v/v			08/08/17 18:30	1
Bromodichloromethane	ND		0.20	0.059	ppb v/v			08/08/17 18:30	1
cis-1,3-Dichloropropene	ND		0.20	0.036	ppb v/v			08/08/17 18:30	1
methyl isobutyl ketone	ND		0.50	0.065	ppb v/v			08/08/17 18:30	1
Toluene	**0.15**	**J**	0.20	0.035	ppb v/v			08/08/17 18:30	1
trans-1,3-Dichloropropene	ND		0.20	0.038	ppb v/v			08/08/17 18:30	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			08/08/17 18:30	1
Tetrachloroethene	**2.8**		0.20	0.0098	ppb v/v			08/08/17 18:30	1
Methyl Butyl Ketone (2-Hexanone)	**0.12**	**J**	0.50	0.086	ppb v/v			08/08/17 18:30	1
Dibromochloromethane	ND		0.20	0.017	ppb v/v			08/08/17 18:30	1
1,2-Dibromoethane	ND		0.20	0.023	ppb v/v			08/08/17 18:30	1
Chlorobenzene	ND		0.20	0.025	ppb v/v			08/08/17 18:30	1
Ethylbenzene	ND		0.20	0.034	ppb v/v			08/08/17 18:30	1
m,p-Xylene	**0.092**	**J**	0.50	0.077	ppb v/v			08/08/17 18:30	1
Xylene, o-	**0.044**	**J**	0.20	0.040	ppb v/v			08/08/17 18:30	1
Xylene (total)	**0.14**	**J**	0.70	0.040	ppb v/v			08/08/17 18:30	1
Styrene	ND		0.20	0.035	ppb v/v			08/08/17 18:30	1
Bromoform	ND		0.20	0.035	ppb v/v			08/08/17 18:30	1
Cumene	ND		0.20	0.039	ppb v/v			08/08/17 18:30	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.026	ppb v/v			08/08/17 18:30	1
n-Propylbenzene	ND		0.20	0.040	ppb v/v			08/08/17 18:30	1
4-Ethyltoluene	ND		0.20	0.040	ppb v/v			08/08/17 18:30	1
1,3,5-Trimethylbenzene	ND		0.20	0.040	ppb v/v			08/08/17 18:30	1
2-Chlorotoluene	ND		0.20	0.035	ppb v/v			08/08/17 18:30	1
tert-Butylbenzene	ND		0.20	0.037	ppb v/v			08/08/17 18:30	1
1,2,4-Trimethylbenzene	**0.093**	**J**	0.20	0.057	ppb v/v			08/08/17 18:30	1
sec-Butylbenzene	ND		0.20	0.037	ppb v/v			08/08/17 18:30	1
4-Isopropyltoluene	ND		0.20	0.052	ppb v/v			08/08/17 18:30	1
1,3-Dichlorobenzene	ND		0.20	0.050	ppb v/v			08/08/17 18:30	1
1,4-Dichlorobenzene	**0.24**		0.20	0.063	ppb v/v			08/08/17 18:30	1
Benzyl chloride	ND		0.20	0.067	ppb v/v			08/08/17 18:30	1
n-Butylbenzene	ND		0.20	0.068	ppb v/v			08/08/17 18:30	1
1,2-Dichlorobenzene	ND		0.20	0.045	ppb v/v			08/08/17 18:30	1
1,2,4-Trichlorobenzene	ND		0.50	0.19	ppb v/v			08/08/17 18:30	1
Hexachlorobutadiene	ND		0.20	0.064	ppb v/v			08/08/17 18:30	1
Naphthalene	ND		0.50	0.10	ppb v/v			08/08/17 18:30	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.4**	**J**	2.5	0.23	ug/m3			08/08/17 18:30	1
Freon 22	**9.9**		1.8	0.71	ug/m3			08/08/17 18:30	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.29	ug/m3			08/08/17 18:30	1
Chloromethane	**1.1**		1.0	0.33	ug/m3			08/08/17 18:30	1
n-Butane	**49**		1.2	0.11	ug/m3			08/08/17 18:30	1
Vinyl chloride	ND		0.51	0.046	ug/m3			08/08/17 18:30	1
1,3-Butadiene	ND		0.44	0.082	ug/m3			08/08/17 18:30	1
Bromomethane	ND		0.78	0.14	ug/m3			08/08/17 18:30	1
Chloroethane	ND		1.3	0.34	ug/m3			08/08/17 18:30	1

Client Sample ID: ID1
Date Collected: 08/03/17 16:40
Date Received: 08/05/17 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-39611-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoethene(Vinyl Bromide)	ND		0.87	0.096	ug/m3			08/08/17 18:30	1
Trichlorofluoromethane	1.3		1.1	0.17	ug/m3			08/08/17 18:30	1
Freon TF	0.39	J	1.5	0.21	ug/m3			08/08/17 18:30	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			08/08/17 18:30	1
Acetone	15		12	3.1	ug/m3			08/08/17 18:30	1
Isopropyl alcohol	0.94	J	12	0.32	ug/m3			08/08/17 18:30	1
Carbon disulfide	0.24	J *	1.6	0.087	ug/m3			08/08/17 18:30	1
3-Chloropropene	ND		1.6	0.20	ug/m3			08/08/17 18:30	1
Methylene Chloride	0.47	J	1.7	0.24	ug/m3			08/08/17 18:30	1
tert-Butyl alcohol	ND		15	5.2	ug/m3			08/08/17 18:30	1
Methyl tert-butyl ether	ND		0.72	0.15	ug/m3			08/08/17 18:30	1
trans-1,2-Dichloroethene	ND		0.79	0.20	ug/m3			08/08/17 18:30	1
n-Hexane	1.9		0.70	0.16	ug/m3			08/08/17 18:30	1
1,1-Dichloroethane	ND		0.81	0.069	ug/m3			08/08/17 18:30	1
Methyl Ethyl Ketone	1.9		1.5	0.32	ug/m3			08/08/17 18:30	1
cis-1,2-Dichloroethene	2.2		0.79	0.11	ug/m3			08/08/17 18:30	1
1,2-Dichloroethene, Total	2.2		1.6	0.11	ug/m3			08/08/17 18:30	1
Chloroform	ND		0.98	0.12	ug/m3			08/08/17 18:30	1
Tetrahydrofuran	ND		15	3.5	ug/m3			08/08/17 18:30	1
1,1,1-Trichloroethane	ND		1.1	0.14	ug/m3			08/08/17 18:30	1
Cyclohexane	0.22	J	0.69	0.15	ug/m3			08/08/17 18:30	1
Carbon tetrachloride	0.39	J	1.3	0.069	ug/m3			08/08/17 18:30	1
2,2,4-Trimethylpentane	0.24	J	0.93	0.20	ug/m3			08/08/17 18:30	1
Benzene	0.32	J	0.64	0.089	ug/m3			08/08/17 18:30	1
1,2-Dichloroethane	ND		0.81	0.14	ug/m3			08/08/17 18:30	1
n-Heptane	0.63	J	0.82	0.28	ug/m3			08/08/17 18:30	1
Trichloroethene	3.5		1.1	0.049	ug/m3			08/08/17 18:30	1
Methyl methacrylate	ND		2.0	0.45	ug/m3			08/08/17 18:30	1
1,2-Dichloropropane	ND		0.92	0.16	ug/m3			08/08/17 18:30	1
1,4-Dioxane	ND		18	2.7	ug/m3			08/08/17 18:30	1
Bromodichloromethane	ND		1.3	0.40	ug/m3			08/08/17 18:30	1
cis-1,3-Dichloropropene	ND		0.91	0.16	ug/m3			08/08/17 18:30	1
methyl isobutyl ketone	ND		2.0	0.27	ug/m3			08/08/17 18:30	1
Toluene	0.55	J	0.75	0.13	ug/m3			08/08/17 18:30	1
trans-1,3-Dichloropropene	ND		0.91	0.17	ug/m3			08/08/17 18:30	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			08/08/17 18:30	1
Tetrachloroethene	19		1.4	0.066	ug/m3			08/08/17 18:30	1
Methyl Butyl Ketone (2-Hexanone)	0.48	J	2.0	0.35	ug/m3			08/08/17 18:30	1
Dibromochloromethane	ND		1.7	0.14	ug/m3			08/08/17 18:30	1
1,2-Dibromoethane	ND		1.5	0.18	ug/m3			08/08/17 18:30	1
Chlorobenzene	ND		0.92	0.12	ug/m3			08/08/17 18:30	1
Ethylbenzene	ND		0.87	0.15	ug/m3			08/08/17 18:30	1
m,p-Xylene	0.40	J	2.2	0.33	ug/m3			08/08/17 18:30	1
Xylene, o-	0.19	J	0.87	0.17	ug/m3			08/08/17 18:30	1
Xylene (total)	0.59	J	3.0	0.17	ug/m3			08/08/17 18:30	1
Styrene	ND		0.85	0.15	ug/m3			08/08/17 18:30	1
Bromoform	ND		2.1	0.36	ug/m3			08/08/17 18:30	1
Cumene	ND		0.98	0.19	ug/m3			08/08/17 18:30	1

Client Sample ID: ID1

Lab Sample ID: 200-39611-2

Date Collected: 08/03/17 16:40
Matrix: Air
Date Received: 08/05/17 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.4	0.18	ug/m3			08/08/17 18:30	1
n-Propylbenzene	ND		0.98	0.20	ug/m3			08/08/17 18:30	1
4-Ethyltoluene	ND		0.98	0.20	ug/m3			08/08/17 18:30	1
1,3,5-Trimethylbenzene	ND		0.98	0.20	ug/m3			08/08/17 18:30	1
2-Chlorotoluene	ND		1.0	0.18	ug/m3			08/08/17 18:30	1
tert-Butylbenzene	ND		1.1	0.20	ug/m3			08/08/17 18:30	1
1,2,4-Trimethylbenzene	**0.46**	**J**	0.98	0.28	ug/m3			08/08/17 18:30	1
sec-Butylbenzene	ND		1.1	0.20	ug/m3			08/08/17 18:30	1
4-Isopropyltoluene	ND		1.1	0.29	ug/m3			08/08/17 18:30	1
1,3-Dichlorobenzene	ND		1.2	0.30	ug/m3			08/08/17 18:30	1
1,4-Dichlorobenzene	**1.5**		1.2	0.38	ug/m3			08/08/17 18:30	1
Benzyl chloride	ND		1.0	0.35	ug/m3			08/08/17 18:30	1
n-Butylbenzene	ND		1.1	0.37	ug/m3			08/08/17 18:30	1
1,2-Dichlorobenzene	ND		1.2	0.27	ug/m3			08/08/17 18:30	1
1,2,4-Trichlorobenzene	ND		3.7	1.4	ug/m3			08/08/17 18:30	1
Hexachlorobutadiene	ND		2.1	0.68	ug/m3			08/08/17 18:30	1
Naphthalene	ND		2.6	0.52	ug/m3			08/08/17 18:30	1

Client Sample ID: SS2

Lab Sample ID: 200-39611-3

Date Collected: 08/03/17 16:45
Matrix: Air
Date Received: 08/05/17 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		370	35	ppb v/v			08/09/17 01:13	736
Freon 22	ND		370	150	ppb v/v			08/09/17 01:13	736
1,2-Dichlorotetrafluoroethane	ND		150	30	ppb v/v			08/09/17 01:13	736
Chloromethane	ND		370	120	ppb v/v			08/09/17 01:13	736
n-Butane	**140**	**J**	370	34	ppb v/v			08/09/17 01:13	736
Vinyl chloride	ND		150	13	ppb v/v			08/09/17 01:13	736
1,3-Butadiene	ND		150	27	ppb v/v			08/09/17 01:13	736
Bromomethane	ND		150	26	ppb v/v			08/09/17 01:13	736
Chloroethane	ND		370	96	ppb v/v			08/09/17 01:13	736
Bromoethene(Vinyl Bromide)	ND		150	16	ppb v/v			08/09/17 01:13	736
Trichlorofluoromethane	ND		150	23	ppb v/v			08/09/17 01:13	736
Freon TF	ND		150	20	ppb v/v			08/09/17 01:13	736
1,1-Dichloroethene	ND		150	26	ppb v/v			08/09/17 01:13	736
Acetone	ND		3700	960	ppb v/v			08/09/17 01:13	736
Isopropyl alcohol	ND		3700	96	ppb v/v			08/09/17 01:13	736
Carbon disulfide	**57**	**J ***	370	21	ppb v/v			08/09/17 01:13	736
3-Chloropropene	ND		370	46	ppb v/v			08/09/17 01:13	736
Methylene Chloride	ND		370	50	ppb v/v			08/09/17 01:13	736
tert-Butyl alcohol	ND		3700	1300	ppb v/v			08/09/17 01:13	736
Methyl tert-butyl ether	ND		150	30	ppb v/v			08/09/17 01:13	736
trans-1,2-Dichloroethene	ND		150	37	ppb v/v			08/09/17 01:13	736
n-Hexane	ND		150	34	ppb v/v			08/09/17 01:13	736
1,1-Dichloroethane	ND		150	13	ppb v/v			08/09/17 01:13	736
Methyl Ethyl Ketone	ND		370	81	ppb v/v			08/09/17 01:13	736

Client Sample ID: SS2
Date Collected: 08/03/17 16:45
Date Received: 08/05/17 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-39611-3
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	1700		150	21	ppb v/v			08/09/17 01:13	736
1,2-Dichloroethene, Total	1700		290	21	ppb v/v			08/09/17 01:13	736
Chloroform	ND		150	18	ppb v/v			08/09/17 01:13	736
Tetrahydrofuran	ND		3700	880	ppb v/v			08/09/17 01:13	736
1,1,1-Trichloroethane	ND		150	19	ppb v/v			08/09/17 01:13	736
Cyclohexane	ND		150	33	ppb v/v			08/09/17 01:13	736
Carbon tetrachloride	ND		150	8.1	ppb v/v			08/09/17 01:13	736
2,2,4-Trimethylpentane	ND		150	32	ppb v/v			08/09/17 01:13	736
Benzene	ND		150	21	ppb v/v			08/09/17 01:13	736
1,2-Dichloroethane	ND		150	25	ppb v/v			08/09/17 01:13	736
n-Heptane	ND		150	50	ppb v/v			08/09/17 01:13	736
Trichloroethene	1000		150	6.7	ppb v/v			08/09/17 01:13	736
Methyl methacrylate	ND		370	81	ppb v/v			08/09/17 01:13	736
1,2-Dichloropropane	ND		150	26	ppb v/v			08/09/17 01:13	736
1,4-Dioxane	ND		3700	560	ppb v/v			08/09/17 01:13	736
Bromodichloromethane	ND		150	43	ppb v/v			08/09/17 01:13	736
cis-1,3-Dichloropropene	ND		150	26	ppb v/v			08/09/17 01:13	736
methyl isobutyl ketone	ND		370	48	ppb v/v			08/09/17 01:13	736
Toluene	160		150	26	ppb v/v			08/09/17 01:13	736
trans-1,3-Dichloropropene	ND		150	28	ppb v/v			08/09/17 01:13	736
1,1,2-Trichloroethane	ND		150	13	ppb v/v			08/09/17 01:13	736
Tetrachloroethene	7600		150	7.2	ppb v/v			08/09/17 01:13	736
Methyl Butyl Ketone (2-Hexanone)	ND		370	63	ppb v/v			08/09/17 01:13	736
Dibromochloromethane	ND		150	13	ppb v/v			08/09/17 01:13	736
1,2-Dibromoethane	ND		150	17	ppb v/v			08/09/17 01:13	736
Chlorobenzene	ND		150	18	ppb v/v			08/09/17 01:13	736
Ethylbenzene	49	J	150	25	ppb v/v			08/09/17 01:13	736
m,p-Xylene	120	J	370	57	ppb v/v			08/09/17 01:13	736
Xylene, o-	51	J	150	29	ppb v/v			08/09/17 01:13	736
Xylene (total)	170	J	520	29	ppb v/v			08/09/17 01:13	736
Styrene	ND		150	26	ppb v/v			08/09/17 01:13	736
Bromoform	ND		150	26	ppb v/v			08/09/17 01:13	736
Cumene	ND		150	29	ppb v/v			08/09/17 01:13	736
1,1,2,2-Tetrachloroethane	ND		150	19	ppb v/v			08/09/17 01:13	736
n-Propylbenzene	ND		150	29	ppb v/v			08/09/17 01:13	736
4-Ethyltoluene	ND		150	29	ppb v/v			08/09/17 01:13	736
1,3,5-Trimethylbenzene	ND		150	29	ppb v/v			08/09/17 01:13	736
2-Chlorotoluene	ND		150	26	ppb v/v			08/09/17 01:13	736
tert-Butylbenzene	ND		150	27	ppb v/v			08/09/17 01:13	736
1,2,4-Trimethylbenzene	ND		150	42	ppb v/v			08/09/17 01:13	736
sec-Butylbenzene	ND		150	27	ppb v/v			08/09/17 01:13	736
4-Isopropyltoluene	ND		150	38	ppb v/v			08/09/17 01:13	736
1,3-Dichlorobenzene	ND		150	37	ppb v/v			08/09/17 01:13	736
1,4-Dichlorobenzene	ND		150	46	ppb v/v			08/09/17 01:13	736
Benzyl chloride	ND		150	49	ppb v/v			08/09/17 01:13	736
n-Butylbenzene	ND		150	50	ppb v/v			08/09/17 01:13	736
1,2-Dichlorobenzene	ND		150	33	ppb v/v			08/09/17 01:13	736
1,2,4-Trichlorobenzene	ND		370	140	ppb v/v			08/09/17 01:13	736

Client Sample ID: SS2
Date Collected: 08/03/17 16:45
Date Received: 08/05/17 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-39611-3
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		150	47	ppb v/v			08/09/17 01:13	736
Naphthalene	ND		370	74	ppb v/v			08/09/17 01:13	736

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1800	170	ug/m3			08/09/17 01:13	736
Freon 22	ND		1300	520	ug/m3			08/09/17 01:13	736
1,2-Dichlorotetrafluoroethane	ND		1000	210	ug/m3			08/09/17 01:13	736
Chloromethane	ND		760	240	ug/m3			08/09/17 01:13	736
n-Butane	**320**	**J**	870	80	ug/m3			08/09/17 01:13	736
Vinyl chloride	ND		380	34	ug/m3			08/09/17 01:13	736
1,3-Butadiene	ND		330	60	ug/m3			08/09/17 01:13	736
Bromomethane	ND		570	100	ug/m3			08/09/17 01:13	736
Chloroethane	ND		970	250	ug/m3			08/09/17 01:13	736
Bromoethene(Vinyl Bromide)	ND		640	71	ug/m3			08/09/17 01:13	736
Trichlorofluoromethane	ND		830	130	ug/m3			08/09/17 01:13	736
Freon TF	ND		1100	150	ug/m3			08/09/17 01:13	736
1,1-Dichloroethene	ND		580	100	ug/m3			08/09/17 01:13	736
Acetone	ND		8700	2300	ug/m3			08/09/17 01:13	736
Isopropyl alcohol	ND		9000	240	ug/m3			08/09/17 01:13	736
Carbon disulfide	**180**	**J ***	1100	64	ug/m3			08/09/17 01:13	736
3-Chloropropene	ND		1200	150	ug/m3			08/09/17 01:13	736
Methylene Chloride	ND		1300	170	ug/m3			08/09/17 01:13	736
tert-Butyl alcohol	ND		11000	3800	ug/m3			08/09/17 01:13	736
Methyl tert-butyl ether	ND		530	110	ug/m3			08/09/17 01:13	736
trans-1,2-Dichloroethene	ND		580	150	ug/m3			08/09/17 01:13	736
n-Hexane	ND		520	120	ug/m3			08/09/17 01:13	736
1,1-Dichloroethane	ND		600	51	ug/m3			08/09/17 01:13	736
Methyl Ethyl Ketone	ND		1100	240	ug/m3			08/09/17 01:13	736
cis-1,2-Dichloroethene	**6700**		580	85	ug/m3			08/09/17 01:13	736
1,2-Dichloroethene, Total	**6700**		1200	85	ug/m3			08/09/17 01:13	736
Chloroform	ND		720	90	ug/m3			08/09/17 01:13	736
Tetrahydrofuran	ND		11000	2600	ug/m3			08/09/17 01:13	736
1,1,1-Trichloroethane	ND		800	100	ug/m3			08/09/17 01:13	736
Cyclohexane	ND		510	110	ug/m3			08/09/17 01:13	736
Carbon tetrachloride	ND		930	51	ug/m3			08/09/17 01:13	736
2,2,4-Trimethylpentane	ND		690	150	ug/m3			08/09/17 01:13	736
Benzene	ND		470	66	ug/m3			08/09/17 01:13	736
1,2-Dichloroethane	ND		600	100	ug/m3			08/09/17 01:13	736
n-Heptane	ND		600	210	ug/m3			08/09/17 01:13	736
Trichloroethene	**5600**		790	36	ug/m3			08/09/17 01:13	736
Methyl methacrylate	ND		1500	330	ug/m3			08/09/17 01:13	736
1,2-Dichloropropane	ND		680	120	ug/m3			08/09/17 01:13	736
1,4-Dioxane	ND		13000	2000	ug/m3			08/09/17 01:13	736
Bromodichloromethane	ND		990	290	ug/m3			08/09/17 01:13	736
cis-1,3-Dichloropropene	ND		670	120	ug/m3			08/09/17 01:13	736
methyl isobutyl ketone	ND		1500	200	ug/m3			08/09/17 01:13	736
Toluene	**620**		550	97	ug/m3			08/09/17 01:13	736
trans-1,3-Dichloropropene	ND		670	130	ug/m3			08/09/17 01:13	736
1,1,2-Trichloroethane	ND		800	68	ug/m3			08/09/17 01:13	736

Client Sample ID: SS2

Lab Sample ID: 200-39611-3
Matrix: Air
Date Collected: 08/03/17 16:45
Date Received: 08/05/17 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	52000		1000	49	ug/m3			08/09/17 01:13	736
Methyl Butyl Ketone (2-Hexanone)	ND		1500	260	ug/m3			08/09/17 01:13	736
Dibromochloromethane	ND		1300	110	ug/m3			08/09/17 01:13	736
1,2-Dibromoethane	ND		1100	130	ug/m3			08/09/17 01:13	736
Chlorobenzene	ND		680	85	ug/m3			08/09/17 01:13	736
Ethylbenzene	210	J	640	110	ug/m3			08/09/17 01:13	736
m,p-Xylene	520	J	1600	250	ug/m3			08/09/17 01:13	736
Xylene, o-	220	J	640	130	ug/m3			08/09/17 01:13	736
Xylene (total)	740	J	2200	130	ug/m3			08/09/17 01:13	736
Styrene	ND		630	110	ug/m3			08/09/17 01:13	736
Bromoform	ND		1500	270	ug/m3			08/09/17 01:13	736
Cumene	ND		720	140	ug/m3			08/09/17 01:13	736
1,1,2,2-Tetrachloroethane	ND		1000	130	ug/m3			08/09/17 01:13	736
n-Propylbenzene	ND		720	140	ug/m3			08/09/17 01:13	736
4-Ethyltoluene	ND		720	140	ug/m3			08/09/17 01:13	736
1,3,5-Trimethylbenzene	ND		720	140	ug/m3			08/09/17 01:13	736
2-Chlorotoluene	ND		760	130	ug/m3			08/09/17 01:13	736
tert-Butylbenzene	ND		810	150	ug/m3			08/09/17 01:13	736
1,2,4-Trimethylbenzene	ND		720	210	ug/m3			08/09/17 01:13	736
sec-Butylbenzene	ND		810	150	ug/m3			08/09/17 01:13	736
4-Isopropyltoluene	ND		810	210	ug/m3			08/09/17 01:13	736
1,3-Dichlorobenzene	ND		890	220	ug/m3			08/09/17 01:13	736
1,4-Dichlorobenzene	ND		890	280	ug/m3			08/09/17 01:13	736
Benzyl chloride	ND		760	260	ug/m3			08/09/17 01:13	736
n-Butylbenzene	ND		810	270	ug/m3			08/09/17 01:13	736
1,2-Dichlorobenzene	ND		890	200	ug/m3			08/09/17 01:13	736
1,2,4-Trichlorobenzene	ND		2700	1000	ug/m3			08/09/17 01:13	736
Hexachlorobutadiene	ND		1600	500	ug/m3			08/09/17 01:13	736
Naphthalene	ND		1900	390	ug/m3			08/09/17 01:13	736

Client Sample ID: ID2

Lab Sample ID: 200-39611-4
Matrix: Air
Date Collected: 08/03/17 16:45
Date Received: 08/05/17 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.44	J	0.50	0.047	ppb v/v			08/08/17 19:20	1
Freon 22	1.9		0.50	0.20	ppb v/v			08/08/17 19:20	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.041	ppb v/v			08/08/17 19:20	1
Chloromethane	0.48	J	0.50	0.16	ppb v/v			08/08/17 19:20	1
n-Butane	15		0.50	0.046	ppb v/v			08/08/17 19:20	1
Vinyl chloride	ND		0.20	0.018	ppb v/v			08/08/17 19:20	1
1,3-Butadiene	ND		0.20	0.037	ppb v/v			08/08/17 19:20	1
Bromomethane	ND		0.20	0.036	ppb v/v			08/08/17 19:20	1
Chloroethane	ND		0.50	0.13	ppb v/v			08/08/17 19:20	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.022	ppb v/v			08/08/17 19:20	1
Trichlorofluoromethane	0.21		0.20	0.031	ppb v/v			08/08/17 19:20	1
Freon TF	0.052	J	0.20	0.027	ppb v/v			08/08/17 19:20	1

Client Sample ID: ID2
Date Collected: 08/03/17 16:45
Date Received: 08/05/17 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-39611-4
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.035	ppb v/v			08/08/17 19:20	1
Acetone	**5.1**		5.0	1.3	ppb v/v			08/08/17 19:20	1
Isopropyl alcohol	**0.31**	**J**	5.0	0.13	ppb v/v			08/08/17 19:20	1
Carbon disulfide	**0.071**	**J ***	0.50	0.028	ppb v/v			08/08/17 19:20	1
3-Chloropropene	ND		0.50	0.063	ppb v/v			08/08/17 19:20	1
Methylene Chloride	**0.10**	**J**	0.50	0.068	ppb v/v			08/08/17 19:20	1
tert-Butyl alcohol	ND		5.0	1.7	ppb v/v			08/08/17 19:20	1
Methyl tert-butyl ether	ND		0.20	0.041	ppb v/v			08/08/17 19:20	1
trans-1,2-Dichloroethene	ND		0.20	0.050	ppb v/v			08/08/17 19:20	1
n-Hexane	**0.42**		0.20	0.046	ppb v/v			08/08/17 19:20	1
1,1-Dichloroethane	ND		0.20	0.017	ppb v/v			08/08/17 19:20	1
Methyl Ethyl Ketone	**0.38**	**J**	0.50	0.11	ppb v/v			08/08/17 19:20	1
cis-1,2-Dichloroethene	**0.31**		0.20	0.029	ppb v/v			08/08/17 19:20	1
1,2-Dichloroethene, Total	**0.31**	**J**	0.40	0.029	ppb v/v			08/08/17 19:20	1
Chloroform	ND		0.20	0.025	ppb v/v			08/08/17 19:20	1
Tetrahydrofuran	ND		5.0	1.2	ppb v/v			08/08/17 19:20	1
1,1,1-Trichloroethane	ND		0.20	0.026	ppb v/v			08/08/17 19:20	1
Cyclohexane	**0.049**	**J**	0.20	0.045	ppb v/v			08/08/17 19:20	1
Carbon tetrachloride	**0.062**	**J**	0.20	0.011	ppb v/v			08/08/17 19:20	1
2,2,4-Trimethylpentane	ND		0.20	0.043	ppb v/v			08/08/17 19:20	1
Benzene	**0.082**	**J**	0.20	0.028	ppb v/v			08/08/17 19:20	1
1,2-Dichloroethane	ND		0.20	0.034	ppb v/v			08/08/17 19:20	1
n-Heptane	**0.12**	**J**	0.20	0.068	ppb v/v			08/08/17 19:20	1
Trichloroethene	**0.57**		0.20	0.0091	ppb v/v			08/08/17 19:20	1
Methyl methacrylate	ND		0.50	0.11	ppb v/v			08/08/17 19:20	1
1,2-Dichloropropane	ND		0.20	0.035	ppb v/v			08/08/17 19:20	1
1,4-Dioxane	ND		5.0	0.76	ppb v/v			08/08/17 19:20	1
Bromodichloromethane	ND		0.20	0.059	ppb v/v			08/08/17 19:20	1
cis-1,3-Dichloropropene	ND		0.20	0.036	ppb v/v			08/08/17 19:20	1
methyl isobutyl ketone	**0.88**		0.50	0.065	ppb v/v			08/08/17 19:20	1
Toluene	**0.15**	**J**	0.20	0.035	ppb v/v			08/08/17 19:20	1
trans-1,3-Dichloropropene	ND		0.20	0.038	ppb v/v			08/08/17 19:20	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			08/08/17 19:20	1
Tetrachloroethene	**1.8**		0.20	0.0098	ppb v/v			08/08/17 19:20	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.086	ppb v/v			08/08/17 19:20	1
Dibromochloromethane	ND		0.20	0.017	ppb v/v			08/08/17 19:20	1
1,2-Dibromoethane	ND		0.20	0.023	ppb v/v			08/08/17 19:20	1
Chlorobenzene	ND		0.20	0.025	ppb v/v			08/08/17 19:20	1
Ethylbenzene	ND		0.20	0.034	ppb v/v			08/08/17 19:20	1
m,p-Xylene	**0.094**	**J**	0.50	0.077	ppb v/v			08/08/17 19:20	1
Xylene, o-	**0.044**	**J**	0.20	0.040	ppb v/v			08/08/17 19:20	1
Xylene (total)	**0.14**	**J**	0.70	0.040	ppb v/v			08/08/17 19:20	1
Styrene	ND		0.20	0.035	ppb v/v			08/08/17 19:20	1
Bromoform	ND		0.20	0.035	ppb v/v			08/08/17 19:20	1
Cumene	ND		0.20	0.039	ppb v/v			08/08/17 19:20	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.026	ppb v/v			08/08/17 19:20	1
n-Propylbenzene	ND		0.20	0.040	ppb v/v			08/08/17 19:20	1
4-Ethyltoluene	ND		0.20	0.040	ppb v/v			08/08/17 19:20	1

Client Sample ID: ID2
Date Collected: 08/03/17 16:45
Date Received: 08/05/17 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-39611-4
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		0.20	0.040	ppb v/v			08/08/17 19:20	1
2-Chlorotoluene	ND		0.20	0.035	ppb v/v			08/08/17 19:20	1
tert-Butylbenzene	ND		0.20	0.037	ppb v/v			08/08/17 19:20	1
1,2,4-Trimethylbenzene	ND		0.20	0.057	ppb v/v			08/08/17 19:20	1
sec-Butylbenzene	ND		0.20	0.037	ppb v/v			08/08/17 19:20	1
4-Isopropyltoluene	ND		0.20	0.052	ppb v/v			08/08/17 19:20	1
1,3-Dichlorobenzene	ND		0.20	0.050	ppb v/v			08/08/17 19:20	1
1,4-Dichlorobenzene	**0.12**	**J**	0.20	0.063	ppb v/v			08/08/17 19:20	1
Benzyl chloride	ND		0.20	0.067	ppb v/v			08/08/17 19:20	1
n-Butylbenzene	ND		0.20	0.068	ppb v/v			08/08/17 19:20	1
1,2-Dichlorobenzene	ND		0.20	0.045	ppb v/v			08/08/17 19:20	1
1,2,4-Trichlorobenzene	ND		0.50	0.19	ppb v/v			08/08/17 19:20	1
Hexachlorobutadiene	ND		0.20	0.064	ppb v/v			08/08/17 19:20	1
Naphthalene	ND		0.50	0.10	ppb v/v			08/08/17 19:20	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.23	ug/m3			08/08/17 19:20	1
Freon 22	**6.7**		1.8	0.71	ug/m3			08/08/17 19:20	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.29	ug/m3			08/08/17 19:20	1
Chloromethane	**1.0**	**J**	1.0	0.33	ug/m3			08/08/17 19:20	1
n-Butane	**36**		1.2	0.11	ug/m3			08/08/17 19:20	1
Vinyl chloride	ND		0.51	0.046	ug/m3			08/08/17 19:20	1
1,3-Butadiene	ND		0.44	0.082	ug/m3			08/08/17 19:20	1
Bromomethane	ND		0.78	0.14	ug/m3			08/08/17 19:20	1
Chloroethane	ND		1.3	0.34	ug/m3			08/08/17 19:20	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.096	ug/m3			08/08/17 19:20	1
Trichlorofluoromethane	**1.2**		1.1	0.17	ug/m3			08/08/17 19:20	1
Freon TF	**0.40**	**J**	1.5	0.21	ug/m3			08/08/17 19:20	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			08/08/17 19:20	1
Acetone	**12**		12	3.1	ug/m3			08/08/17 19:20	1
Isopropyl alcohol	**0.77**	**J**	12	0.32	ug/m3			08/08/17 19:20	1
Carbon disulfide	**0.22**	**J ***	1.6	0.087	ug/m3			08/08/17 19:20	1
3-Chloropropene	ND		1.6	0.20	ug/m3			08/08/17 19:20	1
Methylene Chloride	**0.36**	**J**	1.7	0.24	ug/m3			08/08/17 19:20	1
tert-Butyl alcohol	ND		15	5.2	ug/m3			08/08/17 19:20	1
Methyl tert-butyl ether	ND		0.72	0.15	ug/m3			08/08/17 19:20	1
trans-1,2-Dichloroethene	ND		0.79	0.20	ug/m3			08/08/17 19:20	1
n-Hexane	**1.5**		0.70	0.16	ug/m3			08/08/17 19:20	1
1,1-Dichloroethane	ND		0.81	0.069	ug/m3			08/08/17 19:20	1
Methyl Ethyl Ketone	**1.1**	**J**	1.5	0.32	ug/m3			08/08/17 19:20	1
cis-1,2-Dichloroethene	**1.2**		0.79	0.11	ug/m3			08/08/17 19:20	1
1,2-Dichloroethene, Total	**1.2**	**J**	1.6	0.11	ug/m3			08/08/17 19:20	1
Chloroform	ND		0.98	0.12	ug/m3			08/08/17 19:20	1
Tetrahydrofuran	ND		15	3.5	ug/m3			08/08/17 19:20	1
1,1,1-Trichloroethane	ND		1.1	0.14	ug/m3			08/08/17 19:20	1
Cyclohexane	**0.17**	**J**	0.69	0.15	ug/m3			08/08/17 19:20	1
Carbon tetrachloride	**0.39**	**J**	1.3	0.069	ug/m3			08/08/17 19:20	1
2,2,4-Trimethylpentane	ND		0.93	0.20	ug/m3			08/08/17 19:20	1
Benzene	**0.26**	**J**	0.64	0.089	ug/m3			08/08/17 19:20	1

Client Sample ID: ID2
Date Collected: 08/03/17 16:45
Date Received: 08/05/17 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-39611-4
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.81	0.14	ug/m3			08/08/17 19:20	1
n-Heptane	**0.48**	**J**	0.82	0.28	ug/m3			08/08/17 19:20	1
Trichloroethene	**3.1**		1.1	0.049	ug/m3			08/08/17 19:20	1
Methyl methacrylate	ND		2.0	0.45	ug/m3			08/08/17 19:20	1
1,2-Dichloropropane	ND		0.92	0.16	ug/m3			08/08/17 19:20	1
1,4-Dioxane	ND		18	2.7	ug/m3			08/08/17 19:20	1
Bromodichloromethane	ND		1.3	0.40	ug/m3			08/08/17 19:20	1
cis-1,3-Dichloropropene	ND		0.91	0.16	ug/m3			08/08/17 19:20	1
methyl isobutyl ketone	**3.6**		2.0	0.27	ug/m3			08/08/17 19:20	1
Toluene	**0.55**	**J**	0.75	0.13	ug/m3			08/08/17 19:20	1
trans-1,3-Dichloropropene	ND		0.91	0.17	ug/m3			08/08/17 19:20	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			08/08/17 19:20	1
Tetrachloroethene	**12**		1.4	0.066	ug/m3			08/08/17 19:20	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.35	ug/m3			08/08/17 19:20	1
Dibromochloromethane	ND		1.7	0.14	ug/m3			08/08/17 19:20	1
1,2-Dibromoethane	ND		1.5	0.18	ug/m3			08/08/17 19:20	1
Chlorobenzene	ND		0.92	0.12	ug/m3			08/08/17 19:20	1
Ethylbenzene	ND		0.87	0.15	ug/m3			08/08/17 19:20	1
m,p-Xylene	**0.41**	**J**	2.2	0.33	ug/m3			08/08/17 19:20	1
Xylene, o-	**0.19**	**J**	0.87	0.17	ug/m3			08/08/17 19:20	1
Xylene (total)	**0.60**	**J**	3.0	0.17	ug/m3			08/08/17 19:20	1
Styrene	ND		0.85	0.15	ug/m3			08/08/17 19:20	1
Bromoform	ND		2.1	0.36	ug/m3			08/08/17 19:20	1
Cumene	ND		0.98	0.19	ug/m3			08/08/17 19:20	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.18	ug/m3			08/08/17 19:20	1
n-Propylbenzene	ND		0.98	0.20	ug/m3			08/08/17 19:20	1
4-Ethyltoluene	ND		0.98	0.20	ug/m3			08/08/17 19:20	1
1,3,5-Trimethylbenzene	ND		0.98	0.20	ug/m3			08/08/17 19:20	1
2-Chlorotoluene	ND		1.0	0.18	ug/m3			08/08/17 19:20	1
tert-Butylbenzene	ND		1.1	0.20	ug/m3			08/08/17 19:20	1
1,2,4-Trimethylbenzene	ND		0.98	0.28	ug/m3			08/08/17 19:20	1
sec-Butylbenzene	ND		1.1	0.20	ug/m3			08/08/17 19:20	1
4-Isopropyltoluene	ND		1.1	0.29	ug/m3			08/08/17 19:20	1
1,3-Dichlorobenzene	ND		1.2	0.30	ug/m3			08/08/17 19:20	1
1,4-Dichlorobenzene	**0.71**	**J**	1.2	0.38	ug/m3			08/08/17 19:20	1
Benzyl chloride	ND		1.0	0.35	ug/m3			08/08/17 19:20	1
n-Butylbenzene	ND		1.1	0.37	ug/m3			08/08/17 19:20	1
1,2-Dichlorobenzene	ND		1.2	0.27	ug/m3			08/08/17 19:20	1
1,2,4-Trichlorobenzene	ND		3.7	1.4	ug/m3			08/08/17 19:20	1
Hexachlorobutadiene	ND		2.1	0.68	ug/m3			08/08/17 19:20	1
Naphthalene	ND		2.6	0.52	ug/m3			08/08/17 19:20	1

Client Sample Results

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-39611-1

Client Sample ID: OD1
Date Collected: 08/03/17 16:50
Date Received: 08/05/17 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-39611-5
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.42	J	0.50	0.047	ppb v/v			08/08/17 20:10	1
Freon 22	0.29	J	0.50	0.20	ppb v/v			08/08/17 20:10	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.041	ppb v/v			08/08/17 20:10	1
Chloromethane	0.56		0.50	0.16	ppb v/v			08/08/17 20:10	1
n-Butane	0.47	J	0.50	0.046	ppb v/v			08/08/17 20:10	1
Vinyl chloride	ND		0.20	0.018	ppb v/v			08/08/17 20:10	1
1,3-Butadiene	ND		0.20	0.037	ppb v/v			08/08/17 20:10	1
Bromomethane	ND		0.20	0.036	ppb v/v			08/08/17 20:10	1
Chloroethane	ND		0.50	0.13	ppb v/v			08/08/17 20:10	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.022	ppb v/v			08/08/17 20:10	1
Trichlorofluoromethane	0.19	J	0.20	0.031	ppb v/v			08/08/17 20:10	1
Freon TF	0.047	J	0.20	0.027	ppb v/v			08/08/17 20:10	1
1,1-Dichloroethene	ND		0.20	0.035	ppb v/v			08/08/17 20:10	1
Acetone	5.2		5.0	1.3	ppb v/v			08/08/17 20:10	1
Isopropyl alcohol	0.26	J	5.0	0.13	ppb v/v			08/08/17 20:10	1
Carbon disulfide	ND	*	0.50	0.028	ppb v/v			08/08/17 20:10	1
3-Chloropropene	ND		0.50	0.063	ppb v/v			08/08/17 20:10	1
Methylene Chloride	0.10	J	0.50	0.068	ppb v/v			08/08/17 20:10	1
tert-Butyl alcohol	ND		5.0	1.7	ppb v/v			08/08/17 20:10	1
Methyl tert-butyl ether	ND		0.20	0.041	ppb v/v			08/08/17 20:10	1
trans-1,2-Dichloroethene	ND		0.20	0.050	ppb v/v			08/08/17 20:10	1
n-Hexane	ND		0.20	0.046	ppb v/v			08/08/17 20:10	1
1,1-Dichloroethane	ND		0.20	0.017	ppb v/v			08/08/17 20:10	1
Methyl Ethyl Ketone	0.60		0.50	0.11	ppb v/v			08/08/17 20:10	1
cis-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			08/08/17 20:10	1
1,2-Dichloroethene, Total	ND		0.40	0.029	ppb v/v			08/08/17 20:10	1
Chloroform	ND		0.20	0.025	ppb v/v			08/08/17 20:10	1
Tetrahydrofuran	ND		5.0	1.2	ppb v/v			08/08/17 20:10	1
1,1,1-Trichloroethane	ND		0.20	0.026	ppb v/v			08/08/17 20:10	1
Cyclohexane	ND		0.20	0.045	ppb v/v			08/08/17 20:10	1
Carbon tetrachloride	0.062	J	0.20	0.011	ppb v/v			08/08/17 20:10	1
2,2,4-Trimethylpentane	ND		0.20	0.043	ppb v/v			08/08/17 20:10	1
Benzene	0.073	J	0.20	0.028	ppb v/v			08/08/17 20:10	1
1,2-Dichloroethane	ND		0.20	0.034	ppb v/v			08/08/17 20:10	1
n-Heptane	ND		0.20	0.068	ppb v/v			08/08/17 20:10	1
Trichloroethene	ND		0.20	0.0091	ppb v/v			08/08/17 20:10	1
Methyl methacrylate	ND		0.50	0.11	ppb v/v			08/08/17 20:10	1
1,2-Dichloropropane	ND		0.20	0.035	ppb v/v			08/08/17 20:10	1
1,4-Dioxane	ND		5.0	0.76	ppb v/v			08/08/17 20:10	1
Bromodichloromethane	ND		0.20	0.059	ppb v/v			08/08/17 20:10	1
cis-1,3-Dichloropropene	ND		0.20	0.036	ppb v/v			08/08/17 20:10	1
methyl isobutyl ketone	ND		0.50	0.065	ppb v/v			08/08/17 20:10	1
Toluene	0.13	J	0.20	0.035	ppb v/v			08/08/17 20:10	1
trans-1,3-Dichloropropene	ND		0.20	0.038	ppb v/v			08/08/17 20:10	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			08/08/17 20:10	1
Tetrachloroethene	0.021	J	0.20	0.0098	ppb v/v			08/08/17 20:10	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.086	ppb v/v			08/08/17 20:10	1
Dibromochloromethane	ND		0.20	0.017	ppb v/v			08/08/17 20:10	1

Client Sample ID: OD1
Lab Sample ID: 200-39611-5
Date Collected: 08/03/17 16:50
Matrix: Air
Date Received: 08/05/17 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.20	0.023	ppb v/v			08/08/17 20:10	1
Chlorobenzene	ND		0.20	0.025	ppb v/v			08/08/17 20:10	1
Ethylbenzene	**0.035**	**J**	0.20	0.034	ppb v/v			08/08/17 20:10	1
m,p-Xylene	**0.11**	**J**	0.50	0.077	ppb v/v			08/08/17 20:10	1
Xylene, o-	**0.043**	**J**	0.20	0.040	ppb v/v			08/08/17 20:10	1
Xylene (total)	**0.15**	**J**	0.70	0.040	ppb v/v			08/08/17 20:10	1
Styrene	**0.043**	**J**	0.20	0.035	ppb v/v			08/08/17 20:10	1
Bromoform	ND		0.20	0.035	ppb v/v			08/08/17 20:10	1
Cumene	ND		0.20	0.039	ppb v/v			08/08/17 20:10	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.026	ppb v/v			08/08/17 20:10	1
n-Propylbenzene	ND		0.20	0.040	ppb v/v			08/08/17 20:10	1
4-Ethyltoluene	ND		0.20	0.040	ppb v/v			08/08/17 20:10	1
1,3,5-Trimethylbenzene	ND		0.20	0.040	ppb v/v			08/08/17 20:10	1
2-Chlorotoluene	ND		0.20	0.035	ppb v/v			08/08/17 20:10	1
tert-Butylbenzene	ND		0.20	0.037	ppb v/v			08/08/17 20:10	1
1,2,4-Trimethylbenzene	ND		0.20	0.057	ppb v/v			08/08/17 20:10	1
sec-Butylbenzene	ND		0.20	0.037	ppb v/v			08/08/17 20:10	1
4-Isopropyltoluene	ND		0.20	0.052	ppb v/v			08/08/17 20:10	1
1,3-Dichlorobenzene	ND		0.20	0.050	ppb v/v			08/08/17 20:10	1
1,4-Dichlorobenzene	ND		0.20	0.063	ppb v/v			08/08/17 20:10	1
Benzyl chloride	ND		0.20	0.067	ppb v/v			08/08/17 20:10	1
n-Butylbenzene	ND		0.20	0.068	ppb v/v			08/08/17 20:10	1
1,2-Dichlorobenzene	ND		0.20	0.045	ppb v/v			08/08/17 20:10	1
1,2,4-Trichlorobenzene	ND		0.50	0.19	ppb v/v			08/08/17 20:10	1
Hexachlorobutadiene	ND		0.20	0.064	ppb v/v			08/08/17 20:10	1
Naphthalene	ND		0.50	0.10	ppb v/v			08/08/17 20:10	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.1**	**J**	2.5	0.23	ug/m3			08/08/17 20:10	1
Freon 22	**1.0**	**J**	1.8	0.71	ug/m3			08/08/17 20:10	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.29	ug/m3			08/08/17 20:10	1
Chloromethane	**1.2**		1.0	0.33	ug/m3			08/08/17 20:10	1
n-Butane	**1.1**	**J**	1.2	0.11	ug/m3			08/08/17 20:10	1
Vinyl chloride	ND		0.51	0.046	ug/m3			08/08/17 20:10	1
1,3-Butadiene	ND		0.44	0.082	ug/m3			08/08/17 20:10	1
Bromomethane	ND		0.78	0.14	ug/m3			08/08/17 20:10	1
Chloroethane	ND		1.3	0.34	ug/m3			08/08/17 20:10	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.096	ug/m3			08/08/17 20:10	1
Trichlorofluoromethane	**1.0**	**J**	1.1	0.17	ug/m3			08/08/17 20:10	1
Freon TF	**0.36**	**J**	1.5	0.21	ug/m3			08/08/17 20:10	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			08/08/17 20:10	1
Acetone	**12**		12	3.1	ug/m3			08/08/17 20:10	1
Isopropyl alcohol	**0.64**	**J**	12	0.32	ug/m3			08/08/17 20:10	1
Carbon disulfide	ND	*	1.6	0.087	ug/m3			08/08/17 20:10	1
3-Chloropropene	ND		1.6	0.20	ug/m3			08/08/17 20:10	1
Methylene Chloride	**0.36**	**J**	1.7	0.24	ug/m3			08/08/17 20:10	1
tert-Butyl alcohol	ND		15	5.2	ug/m3			08/08/17 20:10	1
Methyl tert-butyl ether	ND		0.72	0.15	ug/m3			08/08/17 20:10	1
trans-1,2-Dichloroethene	ND		0.79	0.20	ug/m3			08/08/17 20:10	1

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-39611-1

Client Sample ID: OD1
Date Collected: 08/03/17 16:50
Date Received: 08/05/17 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-39611-5
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Hexane	ND		0.70	0.16	ug/m3			08/08/17 20:10	1
1,1-Dichloroethane	ND		0.81	0.069	ug/m3			08/08/17 20:10	1
Methyl Ethyl Ketone	**1.8**		1.5	0.32	ug/m3			08/08/17 20:10	1
cis-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			08/08/17 20:10	1
1,2-Dichloroethene, Total	ND		1.6	0.11	ug/m3			08/08/17 20:10	1
Chloroform	ND		0.98	0.12	ug/m3			08/08/17 20:10	1
Tetrahydrofuran	ND		15	3.5	ug/m3			08/08/17 20:10	1
1,1,1-Trichloroethane	ND		1.1	0.14	ug/m3			08/08/17 20:10	1
Cyclohexane	ND		0.69	0.15	ug/m3			08/08/17 20:10	1
Carbon tetrachloride	**0.39**	**J**	1.3	0.069	ug/m3			08/08/17 20:10	1
2,2,4-Trimethylpentane	ND		0.93	0.20	ug/m3			08/08/17 20:10	1
Benzene	**0.23**	**J**	0.64	0.089	ug/m3			08/08/17 20:10	1
1,2-Dichloroethane	ND		0.81	0.14	ug/m3			08/08/17 20:10	1
n-Heptane	ND		0.82	0.28	ug/m3			08/08/17 20:10	1
Trichloroethene	ND		1.1	0.049	ug/m3			08/08/17 20:10	1
Methyl methacrylate	ND		2.0	0.45	ug/m3			08/08/17 20:10	1
1,2-Dichloropropane	ND		0.92	0.16	ug/m3			08/08/17 20:10	1
1,4-Dioxane	ND		18	2.7	ug/m3			08/08/17 20:10	1
Bromodichloromethane	ND		1.3	0.40	ug/m3			08/08/17 20:10	1
cis-1,3-Dichloropropene	ND		0.91	0.16	ug/m3			08/08/17 20:10	1
methyl isobutyl ketone	ND		2.0	0.27	ug/m3			08/08/17 20:10	1
Toluene	**0.51**	**J**	0.75	0.13	ug/m3			08/08/17 20:10	1
trans-1,3-Dichloropropene	ND		0.91	0.17	ug/m3			08/08/17 20:10	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			08/08/17 20:10	1
Tetrachloroethene	**0.14**	**J**	1.4	0.066	ug/m3			08/08/17 20:10	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.35	ug/m3			08/08/17 20:10	1
Dibromochloromethane	ND		1.7	0.14	ug/m3			08/08/17 20:10	1
1,2-Dibromoethane	ND		1.5	0.18	ug/m3			08/08/17 20:10	1
Chlorobenzene	ND		0.92	0.12	ug/m3			08/08/17 20:10	1
Ethylbenzene	**0.15**	**J**	0.87	0.15	ug/m3			08/08/17 20:10	1
m,p-Xylene	**0.49**	**J**	2.2	0.33	ug/m3			08/08/17 20:10	1
Xylene, o-	**0.19**	**J**	0.87	0.17	ug/m3			08/08/17 20:10	1
Xylene (total)	**0.66**	**J**	3.0	0.17	ug/m3			08/08/17 20:10	1
Styrene	**0.18**	**J**	0.85	0.15	ug/m3			08/08/17 20:10	1
Bromoform	ND		2.1	0.36	ug/m3			08/08/17 20:10	1
Cumene	ND		0.98	0.19	ug/m3			08/08/17 20:10	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.18	ug/m3			08/08/17 20:10	1
n-Propylbenzene	ND		0.98	0.20	ug/m3			08/08/17 20:10	1
4-Ethyltoluene	ND		0.98	0.20	ug/m3			08/08/17 20:10	1
1,3,5-Trimethylbenzene	ND		0.98	0.20	ug/m3			08/08/17 20:10	1
2-Chlorotoluene	ND		1.0	0.18	ug/m3			08/08/17 20:10	1
tert-Butylbenzene	ND		1.1	0.20	ug/m3			08/08/17 20:10	1
1,2,4-Trimethylbenzene	ND		0.98	0.28	ug/m3			08/08/17 20:10	1
sec-Butylbenzene	ND		1.1	0.20	ug/m3			08/08/17 20:10	1
4-Isopropyltoluene	ND		1.1	0.29	ug/m3			08/08/17 20:10	1
1,3-Dichlorobenzene	ND		1.2	0.30	ug/m3			08/08/17 20:10	1
1,4-Dichlorobenzene	ND		1.2	0.38	ug/m3			08/08/17 20:10	1
Benzyl chloride	ND		1.0	0.35	ug/m3			08/08/17 20:10	1

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-39611-1

Client Sample ID: OD1
Date Collected: 08/03/17 16:50
Date Received: 08/05/17 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-39611-5
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		1.1	0.37	ug/m3			08/08/17 20:10	1
1,2-Dichlorobenzene	ND		1.2	0.27	ug/m3			08/08/17 20:10	1
1,2,4-Trichlorobenzene	ND		3.7	1.4	ug/m3			08/08/17 20:10	1
Hexachlorobutadiene	ND		2.1	0.68	ug/m3			08/08/17 20:10	1
Naphthalene	ND		2.6	0.52	ug/m3			08/08/17 20:10	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-119484/5
Matrix: Air
Analysis Batch: 119484

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.047	ppb v/v			08/08/17 13:27	1
Freon 22	ND		0.50	0.20	ppb v/v			08/08/17 13:27	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.041	ppb v/v			08/08/17 13:27	1
Chloromethane	ND		0.50	0.16	ppb v/v			08/08/17 13:27	1
n-Butane	ND		0.50	0.046	ppb v/v			08/08/17 13:27	1
Vinyl chloride	ND		0.20	0.018	ppb v/v			08/08/17 13:27	1
1,3-Butadiene	ND		0.20	0.037	ppb v/v			08/08/17 13:27	1
Bromomethane	ND		0.20	0.036	ppb v/v			08/08/17 13:27	1
Chloroethane	ND		0.50	0.13	ppb v/v			08/08/17 13:27	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.022	ppb v/v			08/08/17 13:27	1
Trichlorofluoromethane	ND		0.20	0.031	ppb v/v			08/08/17 13:27	1
Freon TF	ND		0.20	0.027	ppb v/v			08/08/17 13:27	1
1,1-Dichloroethene	ND		0.20	0.035	ppb v/v			08/08/17 13:27	1
Acetone	ND		5.0	1.3	ppb v/v			08/08/17 13:27	1
Isopropyl alcohol	ND		5.0	0.13	ppb v/v			08/08/17 13:27	1
Carbon disulfide	ND		0.50	0.028	ppb v/v			08/08/17 13:27	1
3-Chloropropene	ND		0.50	0.063	ppb v/v			08/08/17 13:27	1
Methylene Chloride	ND		0.50	0.068	ppb v/v			08/08/17 13:27	1
tert-Butyl alcohol	ND		5.0	1.7	ppb v/v			08/08/17 13:27	1
Methyl tert-butyl ether	ND		0.20	0.041	ppb v/v			08/08/17 13:27	1
trans-1,2-Dichloroethene	ND		0.20	0.050	ppb v/v			08/08/17 13:27	1
n-Hexane	ND		0.20	0.046	ppb v/v			08/08/17 13:27	1
1,1-Dichloroethane	ND		0.20	0.017	ppb v/v			08/08/17 13:27	1
Methyl Ethyl Ketone	ND		0.50	0.11	ppb v/v			08/08/17 13:27	1
cis-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			08/08/17 13:27	1
1,2-Dichloroethene, Total	ND		0.40	0.029	ppb v/v			08/08/17 13:27	1
Chloroform	ND		0.20	0.025	ppb v/v			08/08/17 13:27	1
Tetrahydrofuran	ND		5.0	1.2	ppb v/v			08/08/17 13:27	1
1,1,1-Trichloroethane	ND		0.20	0.026	ppb v/v			08/08/17 13:27	1
Cyclohexane	ND		0.20	0.045	ppb v/v			08/08/17 13:27	1
Carbon tetrachloride	ND		0.20	0.011	ppb v/v			08/08/17 13:27	1
2,2,4-Trimethylpentane	ND		0.20	0.043	ppb v/v			08/08/17 13:27	1
Benzene	ND		0.20	0.028	ppb v/v			08/08/17 13:27	1
1,2-Dichloroethane	ND		0.20	0.034	ppb v/v			08/08/17 13:27	1
n-Heptane	ND		0.20	0.068	ppb v/v			08/08/17 13:27	1
Trichloroethene	ND		0.20	0.0091	ppb v/v			08/08/17 13:27	1
Methyl methacrylate	ND		0.50	0.11	ppb v/v			08/08/17 13:27	1
1,2-Dichloropropane	ND		0.20	0.035	ppb v/v			08/08/17 13:27	1
1,4-Dioxane	ND		5.0	0.76	ppb v/v			08/08/17 13:27	1
Bromodichloromethane	ND		0.20	0.059	ppb v/v			08/08/17 13:27	1
cis-1,3-Dichloropropene	ND		0.20	0.036	ppb v/v			08/08/17 13:27	1
methyl isobutyl ketone	ND		0.50	0.065	ppb v/v			08/08/17 13:27	1
Toluene	ND		0.20	0.035	ppb v/v			08/08/17 13:27	1
trans-1,3-Dichloropropene	ND		0.20	0.038	ppb v/v			08/08/17 13:27	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			08/08/17 13:27	1
Tetrachloroethene	ND		0.20	0.0098	ppb v/v			08/08/17 13:27	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.086	ppb v/v			08/08/17 13:27	1
Dibromochloromethane	ND		0.20	0.017	ppb v/v			08/08/17 13:27	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-119484/5
Matrix: Air
Analysis Batch: 119484

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.20	0.023	ppb v/v			08/08/17 13:27	1
Chlorobenzene	ND		0.20	0.025	ppb v/v			08/08/17 13:27	1
Ethylbenzene	ND		0.20	0.034	ppb v/v			08/08/17 13:27	1
m,p-Xylene	ND		0.50	0.077	ppb v/v			08/08/17 13:27	1
Xylene, o-	ND		0.20	0.040	ppb v/v			08/08/17 13:27	1
Xylene (total)	ND		0.70	0.040	ppb v/v			08/08/17 13:27	1
Styrene	ND		0.20	0.035	ppb v/v			08/08/17 13:27	1
Bromoform	ND		0.20	0.035	ppb v/v			08/08/17 13:27	1
Cumene	ND		0.20	0.039	ppb v/v			08/08/17 13:27	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.026	ppb v/v			08/08/17 13:27	1
n-Propylbenzene	ND		0.20	0.040	ppb v/v			08/08/17 13:27	1
4-Ethyltoluene	ND		0.20	0.040	ppb v/v			08/08/17 13:27	1
1,3,5-Trimethylbenzene	ND		0.20	0.040	ppb v/v			08/08/17 13:27	1
2-Chlorotoluene	ND		0.20	0.035	ppb v/v			08/08/17 13:27	1
tert-Butylbenzene	ND		0.20	0.037	ppb v/v			08/08/17 13:27	1
1,2,4-Trimethylbenzene	ND		0.20	0.057	ppb v/v			08/08/17 13:27	1
sec-Butylbenzene	ND		0.20	0.037	ppb v/v			08/08/17 13:27	1
4-Isopropyltoluene	ND		0.20	0.052	ppb v/v			08/08/17 13:27	1
1,3-Dichlorobenzene	ND		0.20	0.050	ppb v/v			08/08/17 13:27	1
1,4-Dichlorobenzene	ND		0.20	0.063	ppb v/v			08/08/17 13:27	1
Benzyl chloride	ND		0.20	0.067	ppb v/v			08/08/17 13:27	1
n-Butylbenzene	ND		0.20	0.068	ppb v/v			08/08/17 13:27	1
1,2-Dichlorobenzene	ND		0.20	0.045	ppb v/v			08/08/17 13:27	1
1,2,4-Trichlorobenzene	ND		0.50	0.19	ppb v/v			08/08/17 13:27	1
Hexachlorobutadiene	ND		0.20	0.064	ppb v/v			08/08/17 13:27	1
Naphthalene	ND		0.50	0.10	ppb v/v			08/08/17 13:27	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	0.23	ug/m3			08/08/17 13:27	1
Freon 22	ND		1.8	0.71	ug/m3			08/08/17 13:27	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.29	ug/m3			08/08/17 13:27	1
Chloromethane	ND		1.0	0.33	ug/m3			08/08/17 13:27	1
n-Butane	ND		1.2	0.11	ug/m3			08/08/17 13:27	1
Vinyl chloride	ND		0.51	0.046	ug/m3			08/08/17 13:27	1
1,3-Butadiene	ND		0.44	0.082	ug/m3			08/08/17 13:27	1
Bromomethane	ND		0.78	0.14	ug/m3			08/08/17 13:27	1
Chloroethane	ND		1.3	0.34	ug/m3			08/08/17 13:27	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.096	ug/m3			08/08/17 13:27	1
Trichlorofluoromethane	ND		1.1	0.17	ug/m3			08/08/17 13:27	1
Freon TF	ND		1.5	0.21	ug/m3			08/08/17 13:27	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			08/08/17 13:27	1
Acetone	ND		12	3.1	ug/m3			08/08/17 13:27	1
Isopropyl alcohol	ND		12	0.32	ug/m3			08/08/17 13:27	1
Carbon disulfide	ND		1.6	0.087	ug/m3			08/08/17 13:27	1
3-Chloropropene	ND		1.6	0.20	ug/m3			08/08/17 13:27	1
Methylene Chloride	ND		1.7	0.24	ug/m3			08/08/17 13:27	1
tert-Butyl alcohol	ND		15	5.2	ug/m3			08/08/17 13:27	1
Methyl tert-butyl ether	ND		0.72	0.15	ug/m3			08/08/17 13:27	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-119484/5
Matrix: Air
Analysis Batch: 119484

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		0.79	0.20	ug/m3			08/08/17 13:27	1
n-Hexane	ND		0.70	0.16	ug/m3			08/08/17 13:27	1
1,1-Dichloroethane	ND		0.81	0.069	ug/m3			08/08/17 13:27	1
Methyl Ethyl Ketone	ND		1.5	0.32	ug/m3			08/08/17 13:27	1
cis-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			08/08/17 13:27	1
1,2-Dichloroethene, Total	ND		1.6	0.11	ug/m3			08/08/17 13:27	1
Chloroform	ND		0.98	0.12	ug/m3			08/08/17 13:27	1
Tetrahydrofuran	ND		15	3.5	ug/m3			08/08/17 13:27	1
1,1,1-Trichloroethane	ND		1.1	0.14	ug/m3			08/08/17 13:27	1
Cyclohexane	ND		0.69	0.15	ug/m3			08/08/17 13:27	1
Carbon tetrachloride	ND		1.3	0.069	ug/m3			08/08/17 13:27	1
2,2,4-Trimethylpentane	ND		0.93	0.20	ug/m3			08/08/17 13:27	1
Benzene	ND		0.64	0.089	ug/m3			08/08/17 13:27	1
1,2-Dichloroethane	ND		0.81	0.14	ug/m3			08/08/17 13:27	1
n-Heptane	ND		0.82	0.28	ug/m3			08/08/17 13:27	1
Trichloroethene	ND		1.1	0.049	ug/m3			08/08/17 13:27	1
Methyl methacrylate	ND		2.0	0.45	ug/m3			08/08/17 13:27	1
1,2-Dichloropropane	ND		0.92	0.16	ug/m3			08/08/17 13:27	1
1,4-Dioxane	ND		18	2.7	ug/m3			08/08/17 13:27	1
Bromodichloromethane	ND		1.3	0.40	ug/m3			08/08/17 13:27	1
cis-1,3-Dichloropropene	ND		0.91	0.16	ug/m3			08/08/17 13:27	1
methyl isobutyl ketone	ND		2.0	0.27	ug/m3			08/08/17 13:27	1
Toluene	ND		0.75	0.13	ug/m3			08/08/17 13:27	1
trans-1,3-Dichloropropene	ND		0.91	0.17	ug/m3			08/08/17 13:27	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			08/08/17 13:27	1
Tetrachloroethene	ND		1.4	0.066	ug/m3			08/08/17 13:27	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.35	ug/m3			08/08/17 13:27	1
Dibromochloromethane	ND		1.7	0.14	ug/m3			08/08/17 13:27	1
1,2-Dibromoethane	ND		1.5	0.18	ug/m3			08/08/17 13:27	1
Chlorobenzene	ND		0.92	0.12	ug/m3			08/08/17 13:27	1
Ethylbenzene	ND		0.87	0.15	ug/m3			08/08/17 13:27	1
m,p-Xylene	ND		2.2	0.33	ug/m3			08/08/17 13:27	1
Xylene, o-	ND		0.87	0.17	ug/m3			08/08/17 13:27	1
Xylene (total)	ND		3.0	0.17	ug/m3			08/08/17 13:27	1
Styrene	ND		0.85	0.15	ug/m3			08/08/17 13:27	1
Bromoform	ND		2.1	0.36	ug/m3			08/08/17 13:27	1
Cumene	ND		0.98	0.19	ug/m3			08/08/17 13:27	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.18	ug/m3			08/08/17 13:27	1
n-Propylbenzene	ND		0.98	0.20	ug/m3			08/08/17 13:27	1
4-Ethyltoluene	ND		0.98	0.20	ug/m3			08/08/17 13:27	1
1,3,5-Trimethylbenzene	ND		0.98	0.20	ug/m3			08/08/17 13:27	1
2-Chlorotoluene	ND		1.0	0.18	ug/m3			08/08/17 13:27	1
tert-Butylbenzene	ND		1.1	0.20	ug/m3			08/08/17 13:27	1
1,2,4-Trimethylbenzene	ND		0.98	0.28	ug/m3			08/08/17 13:27	1
sec-Butylbenzene	ND		1.1	0.20	ug/m3			08/08/17 13:27	1
4-Isopropyltoluene	ND		1.1	0.29	ug/m3			08/08/17 13:27	1
1,3-Dichlorobenzene	ND		1.2	0.30	ug/m3			08/08/17 13:27	1
1,4-Dichlorobenzene	ND		1.2	0.38	ug/m3			08/08/17 13:27	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-119484/5
Matrix: Air
Analysis Batch: 119484

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		1.0	0.35	ug/m3			08/08/17 13:27	1
n-Butylbenzene	ND		1.1	0.37	ug/m3			08/08/17 13:27	1
1,2-Dichlorobenzene	ND		1.2	0.27	ug/m3			08/08/17 13:27	1
1,2,4-Trichlorobenzene	ND		3.7	1.4	ug/m3			08/08/17 13:27	1
Hexachlorobutadiene	ND		2.1	0.68	ug/m3			08/08/17 13:27	1
Naphthalene	ND		2.6	0.52	ug/m3			08/08/17 13:27	1

Lab Sample ID: LCS 200-119484/3
Matrix: Air
Analysis Batch: 119484

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	10.0	9.35		ppb v/v		93	68 - 128
Freon 22	10.0	9.74		ppb v/v		97	64 - 128
1,2-Dichlorotetrafluoroethane	10.0	8.74		ppb v/v		87	78 - 138
Chloromethane	10.0	9.46		ppb v/v		95	57 - 126
n-Butane	10.0	9.58		ppb v/v		96	56 - 130
Vinyl chloride	10.0	8.47		ppb v/v		85	62 - 125
1,3-Butadiene	10.0	8.69		ppb v/v		87	59 - 125
Bromomethane	10.0	8.25		ppb v/v		83	68 - 128
Chloroethane	10.0	8.33		ppb v/v		83	65 - 125
Bromoethene(Vinyl Bromide)	10.0	7.92		ppb v/v		79	67 - 127
Trichlorofluoromethane	10.0	8.62		ppb v/v		86	67 - 127
Freon TF	10.0	7.69		ppb v/v		77	68 - 128
1,1-Dichloroethene	10.0	7.67		ppb v/v		77	67 - 127
Acetone	10.0	10.4		ppb v/v		104	64 - 136
Isopropyl alcohol	10.0	9.33		ppb v/v		93	55 - 124
Carbon disulfide	10.0	7.97	*	ppb v/v		80	81 - 141
3-Chloropropene	10.0	8.85		ppb v/v		89	53 - 133
Methylene Chloride	10.0	8.73		ppb v/v		87	62 - 122
tert-Butyl alcohol	10.0	9.01		ppb v/v		90	64 - 124
Methyl tert-butyl ether	10.0	8.21		ppb v/v		82	67 - 127
trans-1,2-Dichloroethene	10.0	8.31		ppb v/v		83	72 - 132
n-Hexane	10.0	7.95		ppb v/v		80	71 - 131
1,1-Dichloroethane	10.0	8.00		ppb v/v		80	66 - 126
Methyl Ethyl Ketone	10.0	7.73		ppb v/v		77	62 - 122
cis-1,2-Dichloroethene	10.0	7.74		ppb v/v		77	67 - 127
Chloroform	10.0	8.06		ppb v/v		81	69 - 129
Tetrahydrofuran	10.0	10.1		ppb v/v		101	61 - 136
1,1,1-Trichloroethane	10.0	8.59		ppb v/v		86	70 - 130
Cyclohexane	10.0	8.08		ppb v/v		81	69 - 129
Carbon tetrachloride	10.0	8.57		ppb v/v		86	62 - 143
2,2,4-Trimethylpentane	10.0	8.72		ppb v/v		87	67 - 127
Benzene	10.0	8.33		ppb v/v		83	67 - 127
1,2-Dichloroethane	10.0	9.04		ppb v/v		90	67 - 132
n-Heptane	10.0	9.50		ppb v/v		95	62 - 130
Trichloroethene	10.0	8.02		ppb v/v		80	68 - 128
Methyl methacrylate	10.0	8.48		ppb v/v		85	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-119484/3
Matrix: Air
Analysis Batch: 119484

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	10.0	8.77		ppb v/v		88	67 - 127
1,4-Dioxane	10.0	8.65		ppb v/v		87	66 - 132
Bromodichloromethane	10.0	8.67		ppb v/v		87	69 - 129
cis-1,3-Dichloropropene	10.0	8.55		ppb v/v		86	70 - 130
methyl isobutyl ketone	10.0	10.3		ppb v/v		104	62 - 130
Toluene	10.0	8.84		ppb v/v		88	67 - 127
trans-1,3-Dichloropropene	10.0	8.18		ppb v/v		82	69 - 129
1,1,2-Trichloroethane	10.0	9.01		ppb v/v		90	69 - 129
Tetrachloroethene	10.0	8.30		ppb v/v		83	70 - 130
Methyl Butyl Ketone (2-Hexanone)	10.0	10.8		ppb v/v		108	61 - 127
Dibromochloromethane	10.0	8.95		ppb v/v		90	66 - 130
1,2-Dibromoethane	10.0	8.70		ppb v/v		87	70 - 130
Chlorobenzene	10.0	8.67		ppb v/v		87	68 - 128
Ethylbenzene	10.0	8.96		ppb v/v		90	68 - 128
m,p-Xylene	20.0	17.8		ppb v/v		89	68 - 128
Xylene, o-	10.0	8.81		ppb v/v		88	67 - 127
Styrene	10.0	9.01		ppb v/v		90	68 - 128
Bromoform	10.0	9.64		ppb v/v		96	34 - 170
Cumene	10.0	9.01		ppb v/v		90	67 - 127
1,1,2,2-Tetrachloroethane	10.0	9.27		ppb v/v		93	69 - 129
n-Propylbenzene	10.0	9.23		ppb v/v		92	67 - 127
4-Ethyltoluene	10.0	9.42		ppb v/v		94	69 - 129
1,3,5-Trimethylbenzene	10.0	9.25		ppb v/v		93	65 - 125
2-Chlorotoluene	10.0	9.38		ppb v/v		94	67 - 127
tert-Butylbenzene	10.0	9.23		ppb v/v		92	63 - 125
1,2,4-Trimethylbenzene	10.0	9.49		ppb v/v		95	65 - 125
sec-Butylbenzene	10.0	9.64		ppb v/v		96	66 - 126
4-Isopropyltoluene	10.0	9.50		ppb v/v		95	67 - 129
1,3-Dichlorobenzene	10.0	9.26		ppb v/v		93	67 - 127
1,4-Dichlorobenzene	10.0	9.12		ppb v/v		91	66 - 126
Benzyl chloride	10.0	8.98		ppb v/v		90	54 - 135
n-Butylbenzene	10.0	10.1		ppb v/v		101	67 - 127
1,2-Dichlorobenzene	10.0	9.24		ppb v/v		92	67 - 127
1,2,4-Trichlorobenzene	10.0	7.52		ppb v/v		75	59 - 126
Hexachlorobutadiene	10.0	8.71		ppb v/v		87	62 - 130
Naphthalene	10.0	7.86		ppb v/v		79	50 - 121

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	49	46.2		ug/m3		93	68 - 128
Freon 22	35	34.5		ug/m3		97	64 - 128
1,2-Dichlorotetrafluoroethane	70	61.1		ug/m3		87	78 - 138
Chloromethane	21	19.5		ug/m3		95	57 - 126
n-Butane	24	22.8		ug/m3		96	56 - 130
Vinyl chloride	26	21.7		ug/m3		85	62 - 125
1,3-Butadiene	22	19.2		ug/m3		87	59 - 125
Bromomethane	39	32.0		ug/m3		83	68 - 128
Chloroethane	26	22.0		ug/m3		83	65 - 125

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-119484/3
Matrix: Air
Analysis Batch: 119484

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoethene(Vinyl Bromide)	44	34.6		ug/m3		79	67 - 127
Trichlorofluoromethane	56	48.4		ug/m3		86	67 - 127
Freon TF	77	59.0		ug/m3		77	68 - 128
1,1-Dichloroethene	40	30.4		ug/m3		77	67 - 127
Acetone	24	24.8		ug/m3		104	64 - 136
Isopropyl alcohol	25	22.9		ug/m3		93	55 - 124
Carbon disulfide	31	24.8	*	ug/m3		80	81 - 141
3-Chloropropene	31	27.7		ug/m3		89	53 - 133
Methylene Chloride	35	30.3		ug/m3		87	62 - 122
tert-Butyl alcohol	30	27.3		ug/m3		90	64 - 124
Methyl tert-butyl ether	36	29.6		ug/m3		82	67 - 127
trans-1,2-Dichloroethene	40	33.0		ug/m3		83	72 - 132
n-Hexane	35	28.0		ug/m3		80	71 - 131
1,1-Dichloroethane	40	32.4		ug/m3		80	66 - 126
Methyl Ethyl Ketone	29	22.8		ug/m3		77	62 - 122
cis-1,2-Dichloroethene	40	30.7		ug/m3		77	67 - 127
Chloroform	49	39.4		ug/m3		81	69 - 129
Tetrahydrofuran	29	29.8		ug/m3		101	61 - 136
1,1,1-Trichloroethane	55	46.9		ug/m3		86	70 - 130
Cyclohexane	34	27.8		ug/m3		81	69 - 129
Carbon tetrachloride	63	53.9		ug/m3		86	62 - 143
2,2,4-Trimethylpentane	47	40.7		ug/m3		87	67 - 127
Benzene	32	26.6		ug/m3		83	67 - 127
1,2-Dichloroethane	40	36.6		ug/m3		90	67 - 132
n-Heptane	41	38.9		ug/m3		95	62 - 130
Trichloroethene	54	43.1		ug/m3		80	68 - 128
Methyl methacrylate	41	34.7		ug/m3		85	70 - 130
1,2-Dichloropropane	46	40.5		ug/m3		88	67 - 127
1,4-Dioxane	36	31.2		ug/m3		87	66 - 132
Bromodichloromethane	67	58.1		ug/m3		87	69 - 129
cis-1,3-Dichloropropene	45	38.8		ug/m3		86	70 - 130
methyl isobutyl ketone	41	42.4		ug/m3		104	62 - 130
Toluene	38	33.3		ug/m3		88	67 - 127
trans-1,3-Dichloropropene	45	37.1		ug/m3		82	69 - 129
1,1,2-Trichloroethane	55	49.2		ug/m3		90	69 - 129
Tetrachloroethene	68	56.3		ug/m3		83	70 - 130
Methyl Butyl Ketone (2-Hexanone)	41	44.5		ug/m3		108	61 - 127
Dibromochloromethane	85	76.3		ug/m3		90	66 - 130
1,2-Dibromoethane	77	66.9		ug/m3		87	70 - 130
Chlorobenzene	46	39.9		ug/m3		87	68 - 128
Ethylbenzene	43	38.9		ug/m3		90	68 - 128
m,p-Xylene	87	77.2		ug/m3		89	68 - 128
Xylene, o-	43	38.3		ug/m3		88	67 - 127
Styrene	43	38.4		ug/m3		90	68 - 128
Bromoform	100	99.7		ug/m3		96	34 - 170
Cumene	49	44.3		ug/m3		90	67 - 127
1,1,2,2-Tetrachloroethane	69	63.6		ug/m3		93	69 - 129

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-119484/3
Matrix: Air
Analysis Batch: 119484

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
n-Propylbenzene	49	45.4		ug/m3		92	67 - 127
4-Ethyltoluene	49	46.3		ug/m3		94	69 - 129
1,3,5-Trimethylbenzene	49	45.5		ug/m3		93	65 - 125
2-Chlorotoluene	52	48.5		ug/m3		94	67 - 127
tert-Butylbenzene	55	50.7		ug/m3		92	63 - 125
1,2,4-Trimethylbenzene	49	46.7		ug/m3		95	65 - 125
sec-Butylbenzene	55	52.9		ug/m3		96	66 - 126
4-Isopropyltoluene	55	52.2		ug/m3		95	67 - 129
1,3-Dichlorobenzene	60	55.7		ug/m3		93	67 - 127
1,4-Dichlorobenzene	60	54.8		ug/m3		91	66 - 126
Benzyl chloride	52	46.5		ug/m3		90	54 - 135
n-Butylbenzene	55	55.4		ug/m3		101	67 - 127
1,2-Dichlorobenzene	60	55.5		ug/m3		92	67 - 127
1,2,4-Trichlorobenzene	74	55.8		ug/m3		75	59 - 126
Hexachlorobutadiene	110	92.9		ug/m3		87	62 - 130
Naphthalene	52	41.2		ug/m3		79	50 - 121

QC Association Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-39611-1

Air - GC/MS VOA

Analysis Batch: 119484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-39611-1	SS1	Total/NA	Air	TO-15	
200-39611-2	ID1	Total/NA	Air	TO-15	
200-39611-3	SS2	Total/NA	Air	TO-15	
200-39611-4	ID2	Total/NA	Air	TO-15	
200-39611-5	OD1	Total/NA	Air	TO-15	
MB 200-119484/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-119484/3	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-39611-1

Client Sample ID: SS1
Lab Sample ID: 200-39611-1
Date Collected: 08/03/17 16:40
Matrix: Air
Date Received: 08/05/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		5900	119484	08/09/17 00:23	K1P	TAL BUR

Client Sample ID: ID1
Lab Sample ID: 200-39611-2
Date Collected: 08/03/17 16:40
Matrix: Air
Date Received: 08/05/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	119484	08/08/17 18:30	K1P	TAL BUR

Client Sample ID: SS2
Lab Sample ID: 200-39611-3
Date Collected: 08/03/17 16:45
Matrix: Air
Date Received: 08/05/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		736	119484	08/09/17 01:13	K1P	TAL BUR

Client Sample ID: ID2
Lab Sample ID: 200-39611-4
Date Collected: 08/03/17 16:45
Matrix: Air
Date Received: 08/05/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	119484	08/08/17 19:20	K1P	TAL BUR

Client Sample ID: OD1
Lab Sample ID: 200-39611-5
Date Collected: 08/03/17 16:50
Matrix: Air
Date Received: 08/05/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	119484	08/08/17 20:10	K1P	TAL BUR

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-39611-1

Laboratory: TestAmerica Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10391	04-01-18

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	1,2-Dichloroethene, Total
TO-15		Air	4-Ethyltoluene
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Cumene
TO-15		Air	Freon 22
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene
TO-15		Air	Tetrahydrofuran

Laboratory: TestAmerica Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18

Method Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-39611-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-39611-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-39611-1	SS1	Air	08/03/17 16:40	08/05/17 09:30
200-39611-2	ID1	Air	08/03/17 16:40	08/05/17 09:30
200-39611-3	SS2	Air	08/03/17 16:45	08/05/17 09:30
200-39611-4	ID2	Air	08/03/17 16:45	08/05/17 09:30
200-39611-5	OD1	Air	08/03/17 16:50	08/05/17 09:30

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Reco

200-39611 Chain of Custody

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection ar

Client Contact Information	Project Manager: Adam Zebrowski	Samples Collected By: Shannon Dalton	1 of 1 COCs
Company: LaBella Associates	Phone: 716-840-2548		
Address: 300 Pearl St	Email: azebrowski@labellapc.com		
City/State/Zip Buffalo, New York			
Phone: 716-710-3043	Site Contact:		
FAX:	TA Contact:		
Project Name: 11075 Walden Avenue	Analysis Turnaround Time		
Site: 11075 Walden Avenue	X Standard (Specify)		
PO # 271935	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, 'Hg (Stop)	Flow Controller ID	Canister ID	TO-15	MA-APH	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
SS1	8/3/17	8:35	16:40	-30	-6	3954	3232	X											
ID1	8/3/17	8:35	16:40	-31	-8	5000	4555	X											
SS2	8/3/17	8:42	16:45	-31	-8	3934	5052	X											
ID2	8/3/17	8:42	16:45	-30	-8	5219	2602	X											
OD1	8/3/17	8:45	16:50	-30	-8	3408	3835	X											

Temperature (Fahrenheit)	Interior	Ambient	
Start			
Stop			

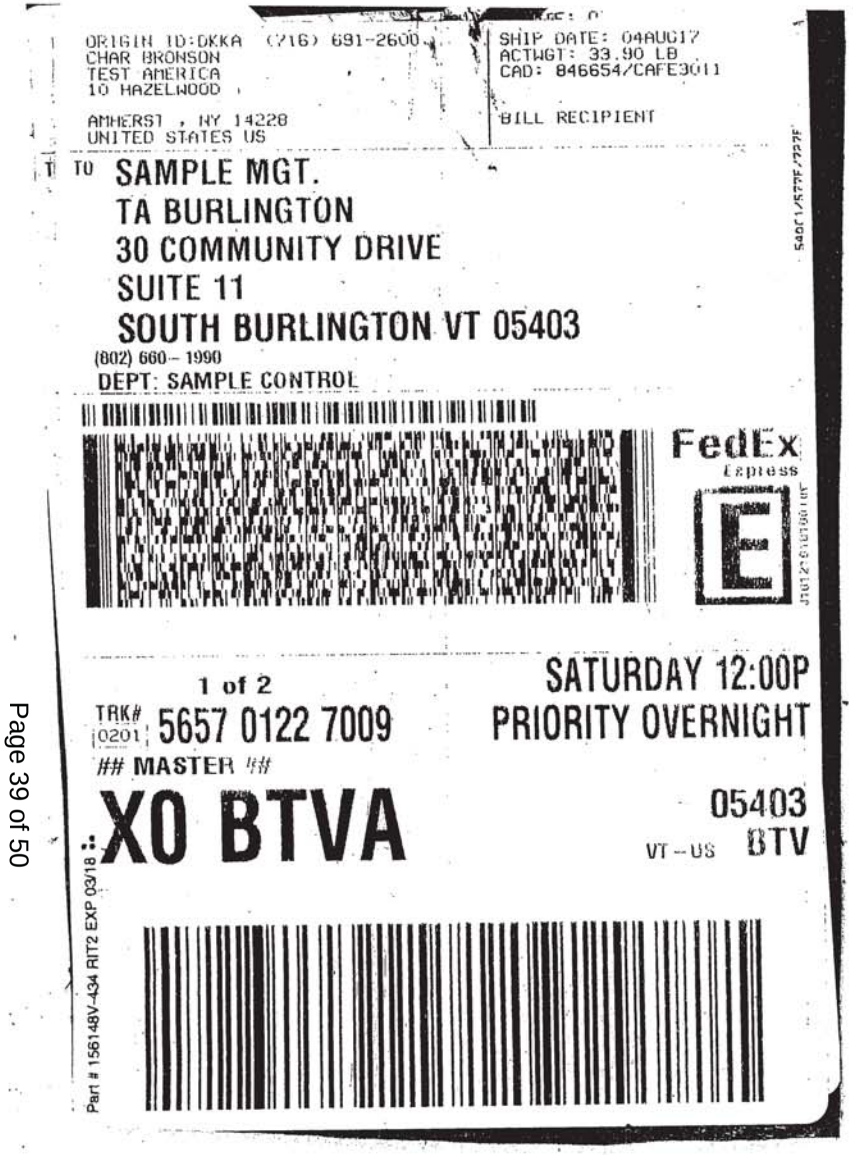
Pressure (inches of Hg)	Interior	Ambient	
Start			
Stop			

Special Instructions/QC Requirements & Comments:

Samples Shipped by:	Date/Time:	Samples Received by:	
Samples Relinquished by: Shannon Dalton	Date/Time: 8/3/17 / 17:30	Received by:	8/3/17 1730
Relinquished by:	Date/Time:	Received by:	8/5/17 0930

Lab Use Only Shipper Name: Opened by: Condition:

8/15/2017



ORIGIN ID:DKKA (716) 691-2600
CHAR BRONSON
TEST AMERICA
10 HAZELWOOD

AMHERST , NY 14228
UNITED STATES US

SHIP DATE: 04AUG17
ACTWGT: 33.90 LB
CAD: 846654/CAFE3011

BILL RECIPIENT

TO SAMPLE MGT.
TA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 660-1990
DEPT: SAMPLE CONTROL

FedEx Express

1 of 2

TRK# 0201 5657 0122 7009

MASTER

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO BTVA

05403
VT-US BTV

Part # 156148V-434 RIT2 EXP 03/18

ORIGIN ID:DKKA (716) 691-2600
CHAR BRONSON
TEST AMERICA
10 HAZELWOOD

AMHERST , NY 14228
UNITED STATES US

SHIP DATE: 04AUG17
ACTWGT: 8.90 LB
CAD: 846654/CAFE3011

BILL RECIPIENT

TO SAMPLE MGT.
TA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 660-1990
DEPT: SAMPLE CONTROL

FedEx Express

2 of 2

MPS# 0263 5657 0122 7010

Mstr# 5657 0122 7009 0201

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO BTVA

05403
VT-US BTV

Part # 156148V-434 RIT2 EXP 03/18

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 200-39611-1

Login Number: 39611
List Number: 1
Creator: Cota, Fred P

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	SD
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	# Cycles	Cleaning Date	Technician	Canister Size		Certification Type:	
Bottom Rack	25	7/21/2017	SML	1L	6L	Individual	Batch

						Initial Reading					Final Reading				
Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Gauge:	Date:	Time:	Tech:	Temp:	Gauge:	Date:	Time:	Tech:	Temp:
1	4082	.04	.07	.03	-29.5	G25	8/2/17	1240	—	23	G25	8/3/17	0915	S—	23
2	5150	.04	.04	0	-29.5	G25	7/22/17	1400	S—	23	G25	8-1-17	1400	CC	23
3	4555		-.06	.02	-29.5										
4	2602		.12	.18	-29.5										
5	2819		.05	.01	-29.5										
6	5052		.04	0	-29.5										
7	3232		.09	0	-29.5										
8	4455		.05	.01	-29.5										
9	4340		-.06	.02	-29.5										
10	3835		.12	.08	-29.5										
11	4323		-.06	-.02	-29.5										
12	3267	✓	-.07	.03	-29.5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ≤ TO15 Routine ≤ TO15 LL ≤ NJDEP-LL TO15

				Inventory Level				Secondary Review		
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Reviewer
4082	7/27/17	26071	KP		XXXX				7/28/17	PAD

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level 4: Individual or Batch Certification (TO15LLNJ 0.08 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Comments:

FAI023:04.26.17:10
TestAmerica Burlington

8/15/2017

200-39421-A-1
4082
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 7/21/2017 12:00 AM 200-1056564

Loc: 200
39421
#1
A

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-39421-1

SDG No.:

Client Sample ID: 4082 Lab Sample ID: 200-39421-1

Matrix: Air Lab File ID: 26071-18.D

Analysis Method: TO-15 Date Collected: 07/21/2017 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 07/27/2017 04:55

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 118994 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-39421-1

SDG No.:

Client Sample ID: 4082 Lab Sample ID: 200-39421-1

Matrix: Air Lab File ID: 26071-18.D

Analysis Method: TO-15 Date Collected: 07/21/2017 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 07/27/2017 04:55

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 118994 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-39421-1

SDG No.:

Client Sample ID: 4082 Lab Sample ID: 200-39421-1

Matrix: Air Lab File ID: 26071-18.D

Analysis Method: TO-15 Date Collected: 07/21/2017 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 07/27/2017 04:55

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 118994 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170726-26071.b\26071-18.D
Lims ID: 200-39421-A-1
Client ID: 4082
Sample Type: Client
Inject. Date: 27-Jul-2017 04:55:30 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0026071-018
Misc. Info.: 39421-01
Operator ID: pad Instrument ID: CHB.i

Method: \\ChromNA\Burlington\ChromData\CHB.i\20170726-26071.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 28-Jul-2017 08:14:14 Calib Date: 09-Jun-2017 10:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20170608-25406.b\25406-17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK025

First Level Reviewer: puangmaleek Date: 28-Jul-2017 08:14:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		3.140				ND	
2 Dichlorodifluoromethane	85		3.199				ND	
3 Chlorodifluoromethane	51		3.236				ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.423				ND	
5 Chloromethane	50		3.546				ND	
6 Butane	43		3.722				ND	
7 Vinyl chloride	62		3.759				ND	
8 Butadiene	54		3.823				ND	
10 Bromomethane	94		4.496				ND	
11 Chloroethane	64		4.725				ND	
13 Vinyl bromide	106		5.136				ND	
14 Trichlorofluoromethane	101		5.237				ND	
16 Ethanol	45		5.712				ND	
19 1,1,2-Trichloro-1,2,2-trif	101		6.267				ND	
20 1,1-Dichloroethene	96		6.337				ND	
21 Acetone	43		6.492				ND	
22 Isopropyl alcohol	45		6.721				ND	
23 Carbon disulfide	76		6.769				ND	
24 3-Chloro-1-propene	41		7.041				ND	
27 Methylene Chloride	49	7.297	7.297	0.000	49	3407	0.1155	7M
28 2-Methyl-2-propanol	59		7.425				ND	
29 Methyl tert-butyl ether	73		7.650				ND	
30 trans-1,2-Dichloroethene	61		7.708				ND	
32 Hexane	57		8.034				ND	
33 1,1-Dichloroethane	63		8.450				ND	
34 Vinyl acetate	43		8.456				ND	
36 2-Butanone (MEK)	72		9.341				ND	
37 cis-1,2-Dichloroethene	96		9.352				ND	
35 Ethyl acetate	88		9.357				ND	
* 39 Chlorobromomethane	128	9.715	9.720	-0.005	78	279653	10.0	
38 Tetrahydrofuran	42		9.731				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	40 Chloroform	83		9.795				ND	
S	41 1,2-Dichloroethene, Total	61		10.000				ND	
	42 1,1,1-Trichloroethane	97		10.051				ND	
	43 Cyclohexane	84		10.062				ND	
	44 Carbon tetrachloride	117		10.259				ND	
	45 Isooctane	57		10.542				ND	
	46 Benzene	78		10.585				ND	
	47 1,2-Dichloroethane	62		10.681				ND	
	48 n-Heptane	43		10.793				ND	
*	50 1,4-Difluorobenzene	114	11.119	11.124	-0.005	92	1398047	10.0	
	53 Trichloroethene	95		11.492				ND	
	54 1,2-Dichloropropane	63		11.866				ND	
	55 Methyl methacrylate	69		11.898				ND	
	56 1,4-Dioxane	88		11.989				ND	
	57 Dibromomethane	174		12.053				ND	
	58 Dichlorobromomethane	83		12.223				ND	
	60 cis-1,3-Dichloropropene	75		12.848				ND	
	61 4-Methyl-2-pentanone (MIBK	43		12.997				ND	
	64 Toluene	92		13.280				ND	
	66 trans-1,3-Dichloropropene	75		13.638				ND	
	67 1,1,2-Trichloroethane	83		13.910				ND	
	68 Tetrachloroethene	166	14.049	14.049	0.000	94	4594	0.0573	
	69 2-Hexanone	43		14.171				ND	
	70 Chlorodibromomethane	129		14.465				ND	
	71 Ethylene Dibromide	107		14.668				ND	
*	72 Chlorobenzene-d5	117	15.223	15.228	-0.005	82	1168359	10.0	
	73 Chlorobenzene	112		15.265				ND	
	74 Ethylbenzene	91		15.335				ND	
	76 m-Xylene & p-Xylene	106		15.479				ND	
	78 o-Xylene	106		15.991				ND	
S	77 Xylenes, Total	106		16.000				ND	
	79 Styrene	104		16.018				ND	
	80 Bromoform	173		16.311				ND	
	81 Isopropylbenzene	105		16.402				ND	
	83 1,1,2,2-Tetrachloroethane	83		16.813				ND	
	84 N-Propylbenzene	91		16.882				ND	
	87 4-Ethyltoluene	105		17.005				ND	
	88 2-Chlorotoluene	91		17.048				ND	
	89 1,3,5-Trimethylbenzene	105		17.075				ND	
	91 tert-Butylbenzene	119		17.448				ND	
	92 1,2,4-Trimethylbenzene	105		17.518				ND	
	93 sec-Butylbenzene	105		17.704				ND	
	94 4-Isopropyltoluene	119		17.859				ND	
	95 1,3-Dichlorobenzene	146		17.939				ND	
	96 1,4-Dichlorobenzene	146		18.051				ND	
	97 Benzyl chloride	91		18.201				ND	
	99 n-Butylbenzene	91		18.366				ND	
	100 1,2-Dichlorobenzene	146		18.537				ND	
	103 1,2,4-Trichlorobenzene	180		20.901				ND	
	104 Hexachlorobutadiene	225		21.067				ND	
	105 Naphthalene	128		21.382				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

ATTO15BISs_00006	Amount Added: 20.00	Units: mL	Run Reagent

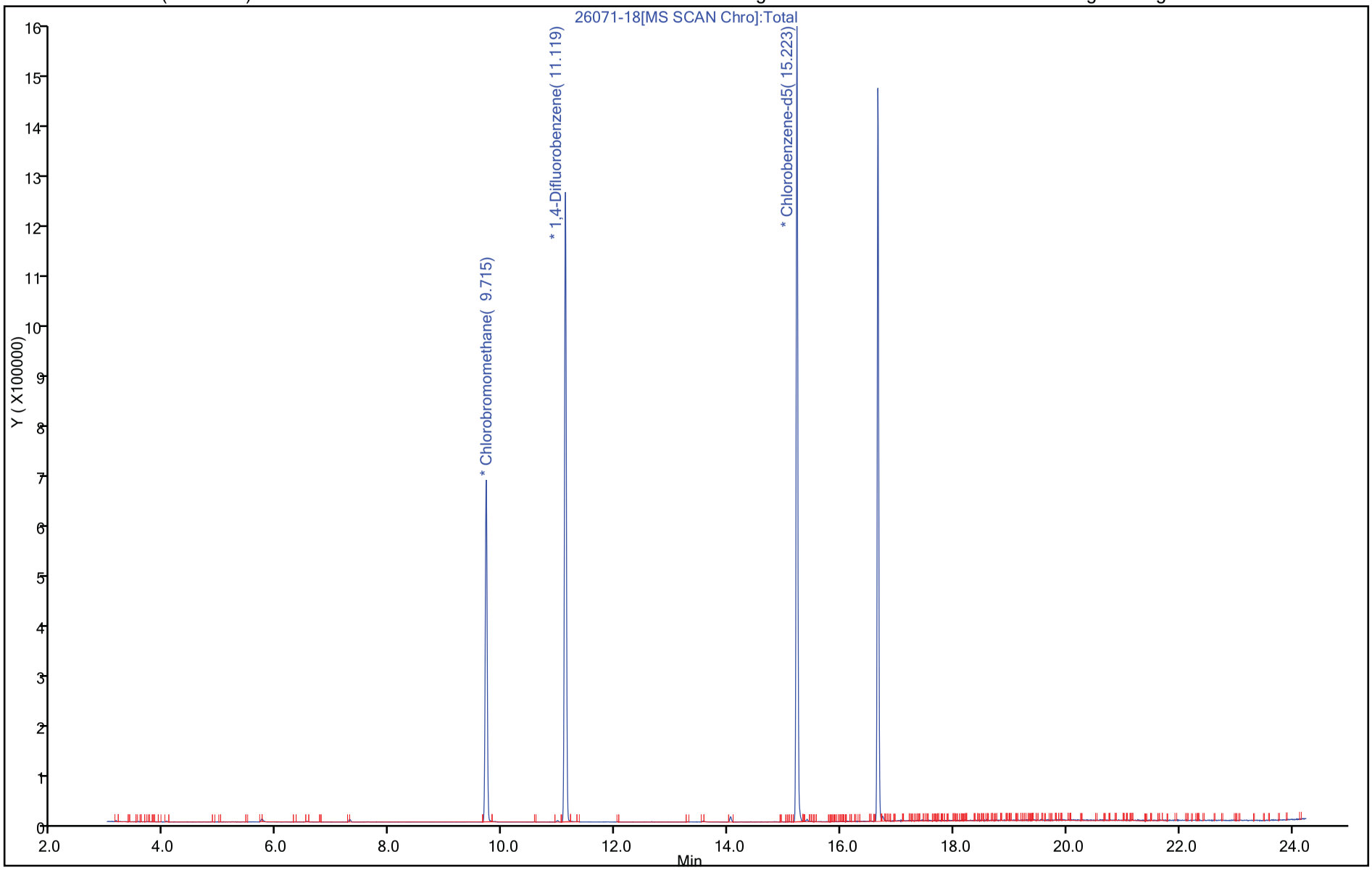
Report Date: 28-Jul-2017 08:14:20 Chrom Revision: 2.2 26-Jun-2017 09:07:56

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170726-26071.b\26071-18.D

Injection Date:	27-Jul-2017 04:55:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	200-39421-A-1	Lab Sample ID:	200-39421-1	Worklist Smp#:	18
Client ID:	4082				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	18
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

TestAmerica Burlington

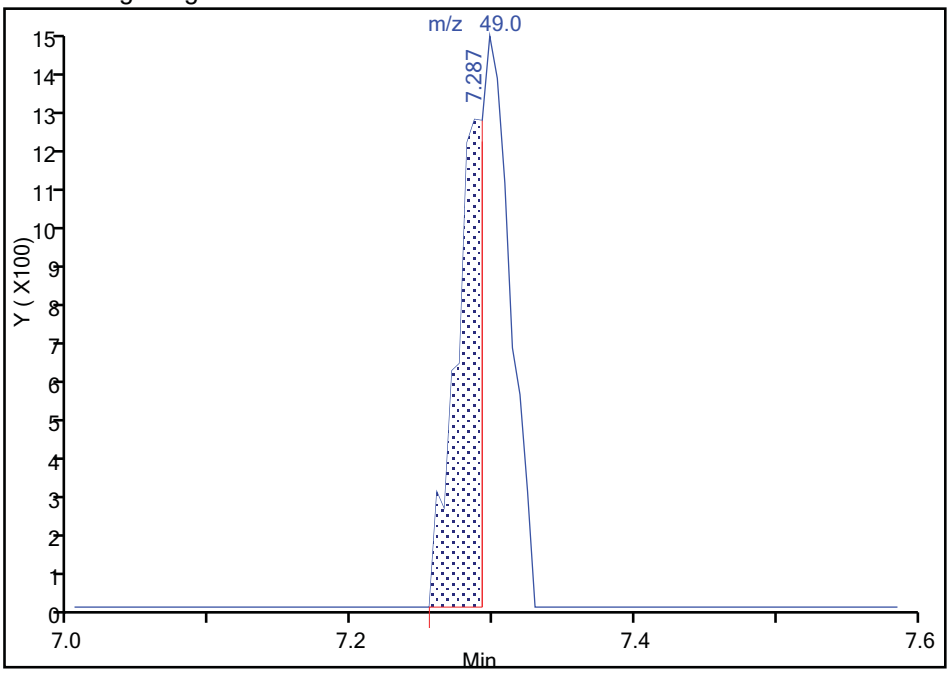
Data File:	\\ChromNA\Burlington\ChromData\CHB.i\20170726-26071.b\26071-18.D				
Injection Date:	27-Jul-2017 04:55:30	Instrument ID:	CHB.i		
Lims ID:	200-39421-A-1	Lab Sample ID:	200-39421-1		
Client ID:	4082				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

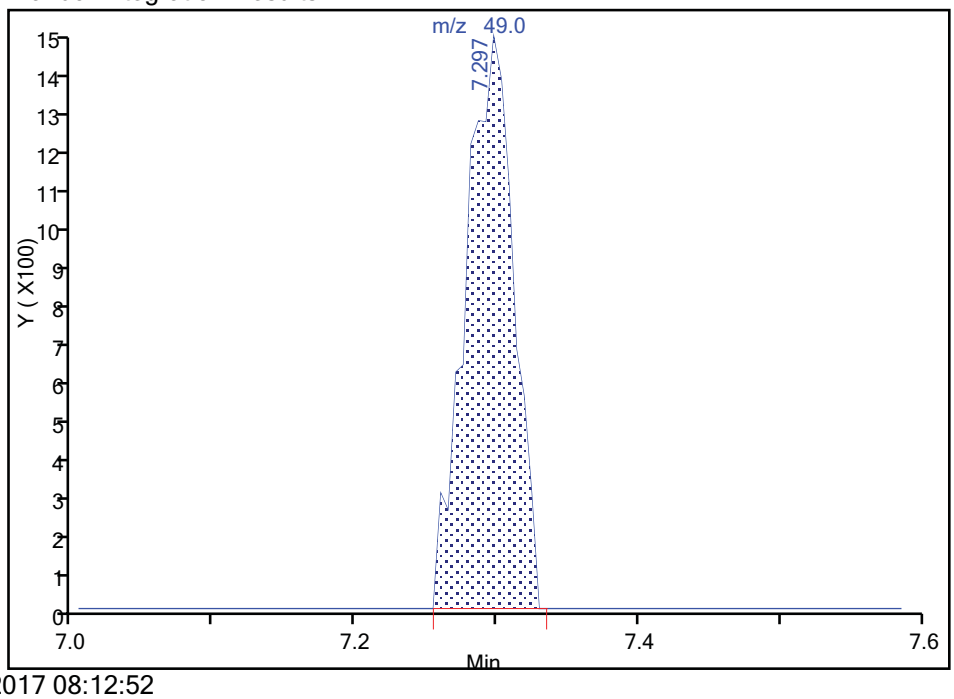
Processing Integration Results

RT: 7.29
Area: 1712
Amount: 0.058044
Amount Units: ppb v/v



Manual Integration Results

RT: 7.30
Area: 3407
Amount: 0.115512
Amount Units: ppb v/v



Reviewer: puangmaleek, 28-Jul-2017 08:12:52
Audit Action: Assigned Compound ID Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

TestAmerica Burlington

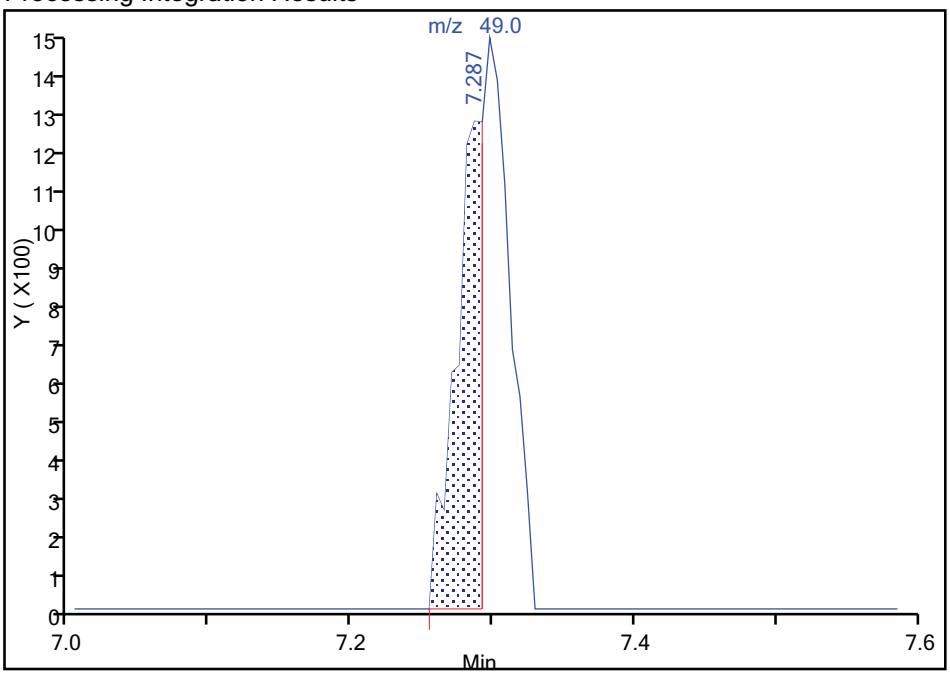
Data File:	\\ChromNA\Burlington\ChromData\CHB.i\20170726-26071.b\26071-18.D				
Injection Date:	27-Jul-2017 04:55:30	Instrument ID:	CHB.i		
Lims ID:	200-39421-A-1	Lab Sample ID:	200-39421-1		
Client ID:	4082				
Operator ID:	pad	ALS Bottle#:	18	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

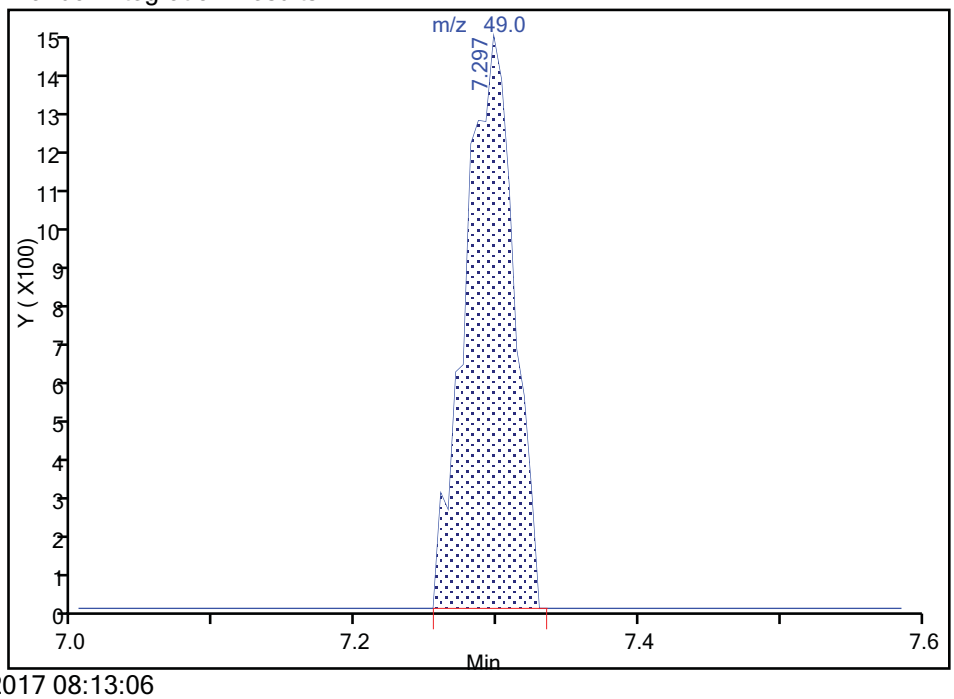
Processing Integration Results

RT: 7.29
Area: 1712
Amount: 0.058044
Amount Units: ppb v/v



Manual Integration Results

RT: 7.30
Area: 3407
Amount: 0.115512
Amount Units: ppb v/v



Reviewer: puangmaleek, 28-Jul-2017 08:13:06

Audit Action: Manually Integrated Audit Reason: Assign Peak

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-122331-1
Client Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

For:
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Attn: Adam Zebrowski

Authorized for release by:
8/17/2017 5:10:02 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Chain of Custody 32
Receipt Checklists 33

Definitions/Glossary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 480-122331-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-122331-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-122331-1

Receipt
The samples were received on 8/8/2017 7:51 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.3º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-370956 recovered outside acceptance criteria, low biased, for Carbon tetrachloride and 1,1,1-Trichloroethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples have been impacted: SB-17 0.6-2FT (480-122331-1), SB-18 12-14FT (480-122331-3), SB-19 14-16FT (480-122331-4), SB-20 8-10FT (480-122331-5), SB-21 14-16FT (480-122331-6) and SB-22 4-6FT (480-122331-7).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-370956 recovered above the upper control limit for Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: SB-17 0.6-2FT (480-122331-1), SB-18 12-14FT (480-122331-3), SB-19 14-16FT (480-122331-4), SB-20 8-10FT (480-122331-5), SB-21 14-16FT (480-122331-6) and SB-22 4-6FT (480-122331-7).

Method(s) 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 480-370979 recovered outside control limits for the following analytes: Chloroethane and Bromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The following samples have been impacted: SB-17 0.6-2FT (480-122331-1), SB-18 12-14FT (480-122331-3), SB-19 14-16FT (480-122331-4), SB-20 8-10FT (480-122331-5), SB-21 14-16FT (480-122331-6) and SB-22 4-6FT (480-122331-7).

Method(s) 8260C: The following samples was analyzed using medium level soil analysis and diluted to bring the concentration of target analytes within the calibration range: SB-17 0.6-2FT (480-122331-1) and SB-18 12-14FT (480-122331-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was analyzed using medium level soil analysis and diluted due to the nature of the sample matrix: SB-17 14-16FT (480-122331-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 480-122331-1

Client Sample ID: SB-17 0.6-2FT — Lab Sample ID: 480-122331-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	120		3.1	0.40	ug/Kg	1	☼	8260C	Total/NA
Toluene	0.28	J	3.1	0.24	ug/Kg	1	☼	8260C	Total/NA
trans-1,2-Dichloroethene	0.40	J	3.1	0.32	ug/Kg	1	☼	8260C	Total/NA
Trichloroethene	21		3.1	0.68	ug/Kg	1	☼	8260C	Total/NA
Tetrachloroethene - DL	130000		4600	620	ug/Kg	100	☼	8260C	Total/NA

Client Sample ID: SB-17 14-16FT — Lab Sample ID: 480-122331-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	540	J B	1800	360	ug/Kg	50	☼	8260C	Total/NA

Client Sample ID: SB-18 12-14FT — Lab Sample ID: 480-122331-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	140		68	19	ug/Kg	2	☼	8260C	Total/NA
Methylene Chloride	19	J B	68	13	ug/Kg	2	☼	8260C	Total/NA
Tetrachloroethene	2900		68	9.2	ug/Kg	2	☼	8260C	Total/NA
Trichloroethene	82		68	19	ug/Kg	2	☼	8260C	Total/NA

Client Sample ID: SB-19 14-16FT — Lab Sample ID: 480-122331-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.0	J	9.6	1.6	ug/Kg	1	☼	8260C	Total/NA
Tetrachloroethene	0.59	J	1.9	0.26	ug/Kg	1	☼	8260C	Total/NA

Client Sample ID: SB-20 8-10FT — Lab Sample ID: 480-122331-5

No Detections.

Client Sample ID: SB-21 14-16FT — Lab Sample ID: 480-122331-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.7	J	15	2.5	ug/Kg	1	☼	8260C	Total/NA

Client Sample ID: SB-22 4-6FT — Lab Sample ID: 480-122331-7

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-17 0.6-2FT
Date Collected: 08/07/17 08:35
Date Received: 08/08/17 19:51

Lab Sample ID: 480-122331-1
Matrix: Solid
Percent Solids: 82.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.1	0.23	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
1,1,2,2-Tetrachloroethane	ND		3.1	0.50	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
1,1,2-Trichloroethane	ND		3.1	0.40	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.1	0.71	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
1,1-Dichloroethane	ND		3.1	0.38	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
1,1-Dichloroethene	ND		3.1	0.38	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
1,2,4-Trichlorobenzene	ND		3.1	0.19	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
1,2-Dibromo-3-Chloropropane	ND		3.1	1.6	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
1,2-Dichlorobenzene	ND		3.1	0.24	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
1,2-Dichloroethane	ND		3.1	0.16	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
1,2-Dichloropropane	ND		3.1	1.6	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
1,3-Dichlorobenzene	ND		3.1	0.16	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
1,4-Dichlorobenzene	ND		3.1	0.44	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
2-Butanone (MEK)	ND		16	1.1	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
2-Hexanone	ND		16	1.6	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
4-Methyl-2-pentanone (MIBK)	ND		16	1.0	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Acetone	ND		16	2.6	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Benzene	ND		3.1	0.15	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Bromodichloromethane	ND		3.1	0.42	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Bromoform	ND		3.1	1.6	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Bromomethane	ND	*	3.1	0.28	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Carbon disulfide	ND		3.1	1.6	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Carbon tetrachloride	ND		3.1	0.30	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Chlorobenzene	ND		3.1	0.41	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Dibromochloromethane	ND		3.1	0.40	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Chloroethane	ND	*	3.1	0.70	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Chloroform	ND		3.1	0.19	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Chloromethane	ND		3.1	0.19	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
cis-1,2-Dichloroethene	**120**		3.1	0.40	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
cis-1,3-Dichloropropene	ND		3.1	0.45	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Cyclohexane	ND		3.1	0.44	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Dichlorodifluoromethane	ND		3.1	0.26	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Ethylbenzene	ND		3.1	0.21	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
1,2-Dibromoethane	ND		3.1	0.40	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Isopropylbenzene	ND		3.1	0.47	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Methyl acetate	ND		16	1.9	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Methyl tert-butyl ether	ND		3.1	0.31	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Methylcyclohexane	ND		3.1	0.47	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Methylene Chloride	ND		3.1	1.4	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Styrene	ND		3.1	0.16	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Toluene	**0.28**	**J**	3.1	0.24	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
trans-1,2-Dichloroethene	**0.40**	**J**	3.1	0.32	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
trans-1,3-Dichloropropene	ND		3.1	1.4	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Trichloroethene	**21**		3.1	0.68	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Trichlorofluoromethane	ND		3.1	0.29	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Vinyl chloride	ND		3.1	0.38	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1
Xylenes, Total	ND		6.2	0.52	ug/Kg	☼	08/08/17 02:00	08/08/17 14:48	1

Client Sample ID: SB-17 0.6-2FT

Lab Sample ID: 480-122331-1

Date Collected: 08/07/17 08:35
Matrix: Solid
Date Received: 08/08/17 19:51
Percent Solids: 82.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*71 - 125*	*08/08/17 02:00*	*08/08/17 14:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 126*	*08/08/17 02:00*	*08/08/17 14:48*	*1*
4-Bromofluorobenzene (Surr)	*86*		*72 - 126*	*08/08/17 02:00*	*08/08/17 14:48*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*08/08/17 02:00*	*08/08/17 14:48*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	130000		4600	620	ug/Kg	☼	08/10/17 16:22	08/16/17 17:53	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*110*		*50 - 149*	*08/10/17 16:22*	*08/16/17 17:53*	*100*
1,2-Dichloroethane-d4 (Surr)	*93*		*53 - 146*	*08/10/17 16:22*	*08/16/17 17:53*	*100*
4-Bromofluorobenzene (Surr)	*99*		*49 - 148*	*08/10/17 16:22*	*08/16/17 17:53*	*100*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*08/10/17 16:22*	*08/16/17 17:53*	*100*

Client Sample ID: SB-17 14-16FT

Lab Sample ID: 480-122331-2

Date Collected: 08/07/17 08:35
Matrix: Solid
Date Received: 08/08/17 19:51
Percent Solids: 87.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1800	500	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
1,1,2,2-Tetrachloroethane	ND		1800	300	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
1,1,2-Trichloroethane	ND		1800	380	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1800	910	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
1,1-Dichloroethane	ND		1800	560	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
1,1-Dichloroethene	ND		1800	630	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
1,2,4-Trichlorobenzene	ND		1800	690	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
1,2-Dibromo-3-Chloropropane	ND		1800	910	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
1,2-Dichlorobenzene	ND		1800	460	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
1,2-Dichloroethane	ND		1800	740	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
1,2-Dichloropropane	ND		1800	300	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
1,3-Dichlorobenzene	ND		1800	490	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
1,4-Dichlorobenzene	ND		1800	250	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
2-Butanone (MEK)	ND		9100	5400	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
2-Hexanone	ND		9100	3700	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
4-Methyl-2-pentanone (MIBK)	ND		9100	580	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Acetone	ND		9100	7500	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Benzene	ND		1800	350	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Bromodichloromethane	ND		1800	360	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Bromoform	ND		1800	910	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Bromomethane	ND		1800	400	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Carbon disulfide	ND		1800	830	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Carbon tetrachloride	ND		1800	460	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Chlorobenzene	ND		1800	240	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Dibromochloromethane	ND		1800	880	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Chloroethane	ND		1800	380	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Chloroform	ND		1800	1200	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Chloromethane	ND		1800	430	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
cis-1,2-Dichloroethene	ND		1800	500	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
cis-1,3-Dichloropropene	ND		1800	440	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50

Client Sample ID: SB-17 14-16FT

Date Collected: 08/07/17 08:35
Date Received: 08/08/17 19:51

Lab Sample ID: 480-122331-2
Matrix: Solid
Percent Solids: 87.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		1800	400	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Dichlorodifluoromethane	ND		1800	790	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Ethylbenzene	ND		1800	530	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
1,2-Dibromoethane	ND		1800	320	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Isopropylbenzene	ND		1800	270	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Methyl acetate	ND		9100	870	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Methyl tert-butyl ether	ND		1800	690	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Methylcyclohexane	ND		1800	850	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Methylene Chloride	**540**	**J B**	1800	360	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Styrene	ND		1800	440	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Tetrachloroethene	ND		1800	240	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Toluene	ND		1800	490	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
trans-1,2-Dichloroethene	ND		1800	430	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
trans-1,3-Dichloropropene	ND		1800	180	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Trichloroethene	ND		1800	510	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Trichlorofluoromethane	ND		1800	850	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Vinyl chloride	ND		1800	610	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50
Xylenes, Total	ND		3600	1000	ug/Kg	☼	08/13/17 14:56	08/16/17 16:05	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*111*		*50 - 149*	*08/13/17 14:56*	*08/16/17 16:05*	*50*
1,2-Dichloroethane-d4 (Surr)	*101*		*53 - 146*	*08/13/17 14:56*	*08/16/17 16:05*	*50*
4-Bromofluorobenzene (Surr)	*105*		*49 - 148*	*08/13/17 14:56*	*08/16/17 16:05*	*50*
Dibromofluoromethane (Surr)	*106*		*60 - 140*	*08/13/17 14:56*	*08/16/17 16:05*	*50*

Client Sample ID: SB-18 12-14FT

Date Collected: 08/07/17 09:45
Date Received: 08/08/17 19:51

Lab Sample ID: 480-122331-3
Matrix: Solid
Percent Solids: 88.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		68	19	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
1,1,2,2-Tetrachloroethane	ND		68	11	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
1,1,2-Trichloroethane	ND		68	14	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		68	34	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
1,1-Dichloroethane	ND		68	21	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
1,1-Dichloroethene	ND		68	24	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
1,2,4-Trichlorobenzene	ND		68	26	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
1,2-Dibromo-3-Chloropropane	ND		68	34	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
1,2-Dichlorobenzene	ND		68	17	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
1,2-Dichloroethane	ND		68	28	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
1,2-Dichloropropane	ND		68	11	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
1,3-Dichlorobenzene	ND		68	18	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
1,4-Dichlorobenzene	ND		68	9.5	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
2-Butanone (MEK)	ND		340	200	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
2-Hexanone	ND		340	140	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
4-Methyl-2-pentanone (MIBK)	ND		340	22	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Acetone	ND		340	280	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Benzene	ND		68	13	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Bromodichloromethane	ND		68	14	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2

Client Sample ID: SB-18 12-14FT

Lab Sample ID: 480-122331-3
Date Collected: 08/07/17 09:45
Matrix: Solid
Date Received: 08/08/17 19:51
Percent Solids: 88.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		68	34	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Bromomethane	ND		68	15	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Carbon disulfide	ND		68	31	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Carbon tetrachloride	ND		68	17	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Chlorobenzene	ND		68	9.0	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Dibromochloromethane	ND		68	33	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Chloroethane	ND		68	14	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Chloroform	ND		68	47	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Chloromethane	ND		68	16	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
cis-1,2-Dichloroethene	**140**		68	19	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
cis-1,3-Dichloropropene	ND		68	16	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Cyclohexane	ND		68	15	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Dichlorodifluoromethane	ND		68	30	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Ethylbenzene	ND		68	20	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
1,2-Dibromoethane	ND		68	12	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Isopropylbenzene	ND		68	10	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Methyl acetate	ND		340	32	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Methyl tert-butyl ether	ND		68	26	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Methylcyclohexane	ND		68	32	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Methylene Chloride	**19**	**J B**	68	13	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Styrene	ND		68	16	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Tetrachloroethene	**2900**		68	9.2	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Toluene	ND		68	18	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
trans-1,2-Dichloroethene	ND		68	16	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
trans-1,3-Dichloropropene	ND		68	6.7	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Trichloroethene	**82**		68	19	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Trichlorofluoromethane	ND		68	32	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Vinyl chloride	ND		68	23	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2
Xylenes, Total	ND		140	38	ug/Kg	☼	08/10/17 16:22	08/16/17 18:20	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*114*		*50 - 149*	*08/10/17 16:22*	*08/16/17 18:20*	*2*
1,2-Dichloroethane-d4 (Surr)	*90*		*53 - 146*	*08/10/17 16:22*	*08/16/17 18:20*	*2*
4-Bromofluorobenzene (Surr)	*100*		*49 - 148*	*08/10/17 16:22*	*08/16/17 18:20*	*2*
Dibromofluoromethane (Surr)	*98*		*60 - 140*	*08/10/17 16:22*	*08/16/17 18:20*	*2*

Client Sample ID: SB-19 14-16FT

Lab Sample ID: 480-122331-4
Date Collected: 08/07/17 13:40
Matrix: Solid
Date Received: 08/08/17 19:51
Percent Solids: 85.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.9	0.14	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
1,1,2,2-Tetrachloroethane	ND		1.9	0.31	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
1,1,2-Trichloroethane	ND		1.9	0.25	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.9	0.44	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
1,1-Dichloroethane	ND		1.9	0.23	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
1,1-Dichloroethene	ND		1.9	0.24	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
1,2,4-Trichlorobenzene	ND		1.9	0.12	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
1,2-Dibromo-3-Chloropropane	ND		1.9	0.96	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1

Client Sample ID: SB-19 14-16FT
Date Collected: 08/07/17 13:40
Date Received: 08/08/17 19:51

Lab Sample ID: 480-122331-4
Matrix: Solid
Percent Solids: 85.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.9	0.15	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
1,2-Dichloroethane	ND		1.9	0.097	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
1,2-Dichloropropane	ND		1.9	0.96	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
1,3-Dichlorobenzene	ND		1.9	0.099	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
1,4-Dichlorobenzene	ND		1.9	0.27	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
2-Butanone (MEK)	ND		9.6	0.70	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
2-Hexanone	ND		9.6	0.96	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
4-Methyl-2-pentanone (MIBK)	ND		9.6	0.63	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Acetone	**9.0**	**J**	9.6	1.6	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Benzene	ND		1.9	0.094	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Bromodichloromethane	ND		1.9	0.26	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Bromoform	ND		1.9	0.96	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Bromomethane	ND	*	1.9	0.17	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Carbon disulfide	ND		1.9	0.96	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Carbon tetrachloride	ND		1.9	0.19	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Chlorobenzene	ND		1.9	0.25	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Dibromochloromethane	ND		1.9	0.25	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Chloroethane	ND	*	1.9	0.43	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Chloroform	ND		1.9	0.12	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Chloromethane	ND		1.9	0.12	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
cis-1,2-Dichloroethene	ND		1.9	0.25	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
cis-1,3-Dichloropropene	ND		1.9	0.28	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Cyclohexane	ND		1.9	0.27	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Dichlorodifluoromethane	ND		1.9	0.16	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Ethylbenzene	ND		1.9	0.13	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
1,2-Dibromoethane	ND		1.9	0.25	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Isopropylbenzene	ND		1.9	0.29	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Methyl acetate	ND		9.6	1.2	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Methyl tert-butyl ether	ND		1.9	0.19	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Methylcyclohexane	ND		1.9	0.29	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Methylene Chloride	ND		1.9	0.89	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Styrene	ND		1.9	0.096	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Tetrachloroethene	**0.59**	**J**	1.9	0.26	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Toluene	ND		1.9	0.15	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
trans-1,2-Dichloroethene	ND		1.9	0.20	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
trans-1,3-Dichloropropene	ND		1.9	0.85	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Trichloroethene	ND		1.9	0.42	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Trichlorofluoromethane	ND		1.9	0.18	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Vinyl chloride	ND		1.9	0.23	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1
Xylenes, Total	ND		3.8	0.32	ug/Kg	☼	08/08/17 02:00	08/08/17 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*71 - 125*	*08/08/17 02:00*	*08/08/17 16:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*64 - 126*	*08/08/17 02:00*	*08/08/17 16:05*	*1*
4-Bromofluorobenzene (Surr)	*85*		*72 - 126*	*08/08/17 02:00*	*08/08/17 16:05*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*08/08/17 02:00*	*08/08/17 16:05*	*1*

Client Sample ID: SB-20 8-10FT
Date Collected: 08/07/17 15:05
Date Received: 08/08/17 19:51

Lab Sample ID: 480-122331-5
Matrix: Solid
Percent Solids: 88.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.3	0.17	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
1,1,2,2-Tetrachloroethane	ND		2.3	0.38	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
1,1,2-Trichloroethane	ND		2.3	0.30	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.3	0.53	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
1,1-Dichloroethane	ND		2.3	0.29	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
1,1-Dichloroethene	ND		2.3	0.29	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
1,2,4-Trichlorobenzene	ND		2.3	0.14	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
1,2-Dibromo-3-Chloropropane	ND		2.3	1.2	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
1,2-Dichlorobenzene	ND		2.3	0.18	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
1,2-Dichloroethane	ND		2.3	0.12	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
1,2-Dichloropropane	ND		2.3	1.2	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
1,3-Dichlorobenzene	ND		2.3	0.12	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
1,4-Dichlorobenzene	ND		2.3	0.33	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
2-Butanone (MEK)	ND		12	0.86	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
2-Hexanone	ND		12	1.2	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
4-Methyl-2-pentanone (MIBK)	ND		12	0.77	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Acetone	ND		12	2.0	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Benzene	ND		2.3	0.11	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Bromodichloromethane	ND		2.3	0.31	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Bromoform	ND		2.3	1.2	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Bromomethane	ND	*	2.3	0.21	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Carbon disulfide	ND		2.3	1.2	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Carbon tetrachloride	ND		2.3	0.23	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Chlorobenzene	ND		2.3	0.31	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Dibromochloromethane	ND		2.3	0.30	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Chloroethane	ND	*	2.3	0.53	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Chloroform	ND		2.3	0.14	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Chloromethane	ND		2.3	0.14	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
cis-1,2-Dichloroethene	ND		2.3	0.30	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
cis-1,3-Dichloropropene	ND		2.3	0.34	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Cyclohexane	ND		2.3	0.33	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Dichlorodifluoromethane	ND		2.3	0.19	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Ethylbenzene	ND		2.3	0.16	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
1,2-Dibromoethane	ND		2.3	0.30	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Isopropylbenzene	ND		2.3	0.35	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Methyl acetate	ND		12	1.4	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Methyl tert-butyl ether	ND		2.3	0.23	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Methylcyclohexane	ND		2.3	0.36	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Methylene Chloride	ND		2.3	1.1	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Styrene	ND		2.3	0.12	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Tetrachloroethene	ND		2.3	0.31	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Toluene	ND		2.3	0.18	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
trans-1,2-Dichloroethene	ND		2.3	0.24	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
trans-1,3-Dichloropropene	ND		2.3	1.0	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Trichloroethene	ND		2.3	0.52	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Trichlorofluoromethane	ND		2.3	0.22	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Vinyl chloride	ND		2.3	0.29	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1
Xylenes, Total	ND		4.7	0.39	ug/Kg	☼	08/08/17 02:00	08/08/17 16:30	1

Client Sample ID: SB-20 8-10FT

Lab Sample ID: 480-122331-5

Date Collected: 08/07/17 15:05
Matrix: Solid
Date Received: 08/08/17 19:51
Percent Solids: 88.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*101*		*71 - 125*	*08/08/17 02:00*	*08/08/17 16:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 126*	*08/08/17 02:00*	*08/08/17 16:30*	*1*
4-Bromofluorobenzene (Surr)	*85*		*72 - 126*	*08/08/17 02:00*	*08/08/17 16:30*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*08/08/17 02:00*	*08/08/17 16:30*	*1*

Client Sample ID: SB-21 14-16FT

Lab Sample ID: 480-122331-6

Date Collected: 08/07/17 16:00
Matrix: Solid
Date Received: 08/08/17 19:51
Percent Solids: 81.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.0	0.22	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
1,1,2,2-Tetrachloroethane	ND		3.0	0.49	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
1,1,2-Trichloroethane	ND		3.0	0.39	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.0	0.69	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
1,1-Dichloroethane	ND		3.0	0.37	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
1,1-Dichloroethene	ND		3.0	0.37	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
1,2,4-Trichlorobenzene	ND		3.0	0.18	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
1,2-Dibromo-3-Chloropropane	ND		3.0	1.5	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
1,2-Dichlorobenzene	ND		3.0	0.24	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
1,2-Dichloroethane	ND		3.0	0.15	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
1,2-Dichloropropane	ND		3.0	1.5	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
1,3-Dichlorobenzene	ND		3.0	0.16	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
1,4-Dichlorobenzene	ND		3.0	0.42	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
2-Butanone (MEK)	ND		15	1.1	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
2-Hexanone	ND		15	1.5	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
4-Methyl-2-pentanone (MIBK)	ND		15	0.99	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Acetone	**6.7**	**J**	15	2.5	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Benzene	ND		3.0	0.15	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Bromodichloromethane	ND		3.0	0.40	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Bromoform	ND		3.0	1.5	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Bromomethane	ND	*	3.0	0.27	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Carbon disulfide	ND		3.0	1.5	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Carbon tetrachloride	ND		3.0	0.29	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Chlorobenzene	ND		3.0	0.40	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Dibromochloromethane	ND		3.0	0.39	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Chloroethane	ND	*	3.0	0.68	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Chloroform	ND		3.0	0.19	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Chloromethane	ND		3.0	0.18	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
cis-1,2-Dichloroethene	ND		3.0	0.39	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
cis-1,3-Dichloropropene	ND		3.0	0.43	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Cyclohexane	ND		3.0	0.42	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Dichlorodifluoromethane	ND		3.0	0.25	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Ethylbenzene	ND		3.0	0.21	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
1,2-Dibromoethane	ND		3.0	0.39	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Isopropylbenzene	ND		3.0	0.45	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Methyl acetate	ND		15	1.8	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Methyl tert-butyl ether	ND		3.0	0.30	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Methylcyclohexane	ND		3.0	0.46	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Methylene Chloride	ND		3.0	1.4	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1

Client Sample ID: SB-21 14-16FT

Date Collected: 08/07/17 16:00
Date Received: 08/08/17 19:51

Lab Sample ID: 480-122331-6

Matrix: Solid
Percent Solids: 81.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		3.0	0.15	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Tetrachloroethene	ND		3.0	0.40	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Toluene	ND		3.0	0.23	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
trans-1,2-Dichloroethene	ND		3.0	0.31	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
trans-1,3-Dichloropropene	ND		3.0	1.3	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Trichloroethene	ND		3.0	0.66	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Trichlorofluoromethane	ND		3.0	0.29	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Vinyl chloride	ND		3.0	0.37	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1
Xylenes, Total	ND		6.0	0.51	ug/Kg	☼	08/08/17 02:00	08/08/17 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*71 - 125*	*08/08/17 02:00*	*08/08/17 16:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 126*	*08/08/17 02:00*	*08/08/17 16:55*	*1*
4-Bromofluorobenzene (Surr)	*87*		*72 - 126*	*08/08/17 02:00*	*08/08/17 16:55*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*08/08/17 02:00*	*08/08/17 16:55*	*1*

Client Sample ID: SB-22 4-6FT

Date Collected: 08/07/17 17:35
Date Received: 08/08/17 19:51

Lab Sample ID: 480-122331-7

Matrix: Solid
Percent Solids: 87.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	0.20	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
1,1,2,2-Tetrachloroethane	ND		2.7	0.44	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
1,1,2-Trichloroethane	ND		2.7	0.36	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.7	0.62	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
1,1-Dichloroethane	ND		2.7	0.33	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
1,1-Dichloroethene	ND		2.7	0.34	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
1,2,4-Trichlorobenzene	ND		2.7	0.17	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
1,2-Dibromo-3-Chloropropane	ND		2.7	1.4	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
1,2-Dichlorobenzene	ND		2.7	0.21	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
1,2-Dichloroethane	ND		2.7	0.14	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
1,2-Dichloropropane	ND		2.7	1.4	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
1,3-Dichlorobenzene	ND		2.7	0.14	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
1,4-Dichlorobenzene	ND		2.7	0.38	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
2-Butanone (MEK)	ND		14	1.0	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
2-Hexanone	ND		14	1.4	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
4-Methyl-2-pentanone (MIBK)	ND		14	0.90	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Acetone	ND		14	2.3	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Benzene	ND		2.7	0.13	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Bromodichloromethane	ND		2.7	0.37	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Bromoform	ND		2.7	1.4	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Bromomethane	ND	*	2.7	0.25	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Carbon disulfide	ND		2.7	1.4	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Carbon tetrachloride	ND		2.7	0.27	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Chlorobenzene	ND		2.7	0.36	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Dibromochloromethane	ND		2.7	0.35	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Chloroethane	ND	*	2.7	0.62	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Chloroform	ND		2.7	0.17	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Chloromethane	ND		2.7	0.17	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1

Client Sample ID: SB-22 4-6FT
Date Collected: 08/07/17 17:35
Date Received: 08/08/17 19:51

Lab Sample ID: 480-122331-7
Matrix: Solid
Percent Solids: 87.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		2.7	0.35	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
cis-1,3-Dichloropropene	ND		2.7	0.39	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Cyclohexane	ND		2.7	0.38	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Dichlorodifluoromethane	ND		2.7	0.23	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Ethylbenzene	ND		2.7	0.19	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
1,2-Dibromoethane	ND		2.7	0.35	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Isopropylbenzene	ND		2.7	0.41	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Methyl acetate	ND		14	1.7	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Methyl tert-butyl ether	ND		2.7	0.27	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Methylcyclohexane	ND		2.7	0.42	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Methylene Chloride	ND		2.7	1.3	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Styrene	ND		2.7	0.14	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Tetrachloroethene	ND		2.7	0.37	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Toluene	ND		2.7	0.21	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
trans-1,2-Dichloroethene	ND		2.7	0.28	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
trans-1,3-Dichloropropene	ND		2.7	1.2	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Trichloroethene	ND		2.7	0.60	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Trichlorofluoromethane	ND		2.7	0.26	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Vinyl chloride	ND		2.7	0.33	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1
Xylenes, Total	ND		5.5	0.46	ug/Kg	☼	08/08/17 02:00	08/08/17 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*71 - 125*	*08/08/17 02:00*	*08/08/17 17:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*	*08/08/17 02:00*	*08/08/17 17:21*	*1*
4-Bromofluorobenzene (Surr)	*87*		*72 - 126*	*08/08/17 02:00*	*08/08/17 17:21*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*08/08/17 02:00*	*08/08/17 17:21*	*1*

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 480-122331-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	12DCE	BFB	DBFM
Lab Sample ID	Client Sample ID	(71-125)	(64-126)	(72-126)	(60-140)
480-122331-1	SB-17 0.6-2FT	96	106	86	100
480-122331-4	SB-19 14-16FT	107	111	85	105
480-122331-5	SB-20 8-10FT	101	109	85	103
480-122331-6	SB-21 14-16FT	98	109	87	101
480-122331-7	SB-22 4-6FT	97	108	87	100
LCS 480-370979/17-A	Lab Control Sample	99	102	92	101
MB 480-370979/2-A	Method Blank	97	102	89	98

Surrogate Legend

TOL = Toluene-d8 (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	12DCE	BFB	DBFM
Lab Sample ID	Client Sample ID	(50-149)	(53-146)	(49-148)	(60-140)
480-122331-1 - DL	SB-17 0.6-2FT	110	93	99	100
480-122331-2	SB-17 14-16FT	111	101	105	106
480-122331-3	SB-18 12-14FT	114	90	100	98
LCS 480-371600/1-A	Lab Control Sample	113	105	105	110
LCS 480-371903/1-A	Lab Control Sample	113	104	103	110
MB 480-371600/2-A	Method Blank	110	97	101	94
MB 480-371903/13-A	Method Blank	112	103	104	104

Surrogate Legend

TOL = Toluene-d8 (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-370979/2-A
Matrix: Solid
Analysis Batch: 370956

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 370979

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
2-Hexanone	ND		25	2.5	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Acetone	ND		25	4.2	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Benzene	ND		5.0	0.25	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Bromoform	ND		5.0	2.5	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Bromomethane	ND		5.0	0.45	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Chloroethane	ND		5.0	1.1	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Chloroform	ND		5.0	0.31	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Chloromethane	ND		5.0	0.30	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Cyclohexane	ND		5.0	0.70	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Methyl acetate	ND		25	3.0	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Styrene	ND		5.0	0.25	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Toluene	ND		5.0	0.38	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Trichloroethene	ND		5.0	1.1	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		08/08/17 09:03	08/08/17 11:28	1
Xylenes, Total	ND		10	0.84	ug/Kg		08/08/17 09:03	08/08/17 11:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		71 - 125	08/08/17 09:03	08/08/17 11:28	1
1,2-Dichloroethane-d4 (Surr)	102		64 - 126	08/08/17 09:03	08/08/17 11:28	1
4-Bromofluorobenzene (Surr)	89		72 - 126	08/08/17 09:03	08/08/17 11:28	1
Dibromofluoromethane (Surr)	98		60 - 140	08/08/17 09:03	08/08/17 11:28	1

Lab Sample ID: LCS 480-370979/17-A
Matrix: Solid
Analysis Batch: 370956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 370979

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	50.0	43.6		ug/Kg		87	77 - 121
1,1,2,2-Tetrachloroethane	50.0	50.5		ug/Kg		101	80 - 120
1,1,2-Trichloroethane	50.0	47.9		ug/Kg		96	78 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.2		ug/Kg		88	60 - 140
1,1-Dichloroethane	50.0	49.4		ug/Kg		99	73 - 126
1,1-Dichloroethene	50.0	46.5		ug/Kg		93	59 - 125
1,2,4-Trichlorobenzene	50.0	46.1		ug/Kg		92	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	45.8		ug/Kg		92	63 - 124
1,2-Dichlorobenzene	50.0	47.4		ug/Kg		95	75 - 120
1,2-Dichloroethane	50.0	47.8		ug/Kg		96	77 - 122
1,2-Dichloropropane	50.0	48.6		ug/Kg		97	75 - 124
1,3-Dichlorobenzene	50.0	48.0		ug/Kg		96	74 - 120
1,4-Dichlorobenzene	50.0	48.1		ug/Kg		96	73 - 120
2-Butanone (MEK)	250	233		ug/Kg		93	70 - 134
2-Hexanone	250	241		ug/Kg		96	59 - 130
4-Methyl-2-pentanone (MIBK)	250	243		ug/Kg		97	65 - 133
Acetone	250	198		ug/Kg		79	61 - 137
Benzene	50.0	48.4		ug/Kg		97	79 - 127
Bromodichloromethane	50.0	49.5		ug/Kg		99	80 - 122
Bromoform	50.0	38.1		ug/Kg		76	68 - 126
Bromomethane	50.0	80.9	*	ug/Kg		162	37 - 149
Carbon disulfide	50.0	42.8		ug/Kg		86	64 - 131
Carbon tetrachloride	50.0	41.5		ug/Kg		83	75 - 135
Chlorobenzene	50.0	46.4		ug/Kg		93	76 - 124
Dibromochloromethane	50.0	41.9		ug/Kg		84	76 - 125
Chloroethane	50.0	78.7	*	ug/Kg		157	69 - 135
Chloroform	50.0	48.5		ug/Kg		97	80 - 120
Chloromethane	50.0	49.7		ug/Kg		99	63 - 127
cis-1,2-Dichloroethene	50.0	49.2		ug/Kg		98	81 - 120
cis-1,3-Dichloropropene	50.0	46.9		ug/Kg		94	80 - 120
Cyclohexane	50.0	43.3		ug/Kg		87	65 - 120
Dichlorodifluoromethane	50.0	35.8		ug/Kg		72	57 - 142
Ethylbenzene	50.0	48.2		ug/Kg		96	80 - 120
1,2-Dibromoethane	50.0	47.2		ug/Kg		94	78 - 120
Isopropylbenzene	50.0	48.0		ug/Kg		96	72 - 120
Methyl acetate	250	237		ug/Kg		95	55 - 136
Methyl tert-butyl ether	50.0	48.5		ug/Kg		97	63 - 125
Methylcyclohexane	50.0	42.6		ug/Kg		85	60 - 140
Methylene Chloride	50.0	51.1		ug/Kg		102	61 - 127
Styrene	50.0	46.9		ug/Kg		94	80 - 120
Tetrachloroethene	50.0	44.2		ug/Kg		88	74 - 122
Toluene	50.0	46.4		ug/Kg		93	74 - 128
trans-1,2-Dichloroethene	50.0	48.2		ug/Kg		96	78 - 126

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-370979/17-A
Matrix: Solid
Analysis Batch: 370956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 370979

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	50.0	46.5		ug/Kg		93	73 - 123
Trichloroethene	50.0	46.6		ug/Kg		93	77 - 129
Trichlorofluoromethane	50.0	51.4		ug/Kg		103	65 - 146
Vinyl chloride	50.0	50.8		ug/Kg		102	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*71 - 125*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*
4-Bromofluorobenzene (Surr)	*92*		*72 - 126*
Dibromofluoromethane (Surr)	*101*		*60 - 140*

Lab Sample ID: MB 480-371600/2-A
Matrix: Solid
Analysis Batch: 372356

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371600

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	28	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
1,1,2,2-Tetrachloroethane	ND		100	16	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
1,1,2-Trichloroethane	ND		100	21	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	50	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
1,1-Dichloroethane	ND		100	31	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
1,1-Dichloroethene	ND		100	35	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
1,2,4-Trichlorobenzene	ND		100	38	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
1,2-Dibromo-3-Chloropropane	ND		100	50	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
1,2-Dichlorobenzene	ND		100	26	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
1,2-Dichloroethane	ND		100	41	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
1,2-Dichloropropane	ND		100	16	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
1,3-Dichlorobenzene	ND		100	27	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
1,4-Dichlorobenzene	ND		100	14	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
2-Butanone (MEK)	ND		500	300	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
2-Hexanone	ND		500	210	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
4-Methyl-2-pentanone (MIBK)	ND		500	32	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Acetone	ND		500	410	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Benzene	ND		100	19	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Bromodichloromethane	ND		100	20	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Bromoform	ND		100	50	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Bromomethane	ND		100	22	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Carbon disulfide	ND		100	46	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Carbon tetrachloride	ND		100	26	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Chlorobenzene	ND		100	13	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Dibromochloromethane	ND		100	48	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Chloroethane	ND		100	21	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Chloroform	ND		100	69	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Chloromethane	ND		100	24	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
cis-1,2-Dichloroethene	ND		100	28	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
cis-1,3-Dichloropropene	ND		100	24	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Cyclohexane	ND		100	22	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Dichlorodifluoromethane	ND		100	44	ug/Kg		08/10/17 16:22	08/16/17 13:10	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-371600/2-A
Matrix: Solid
Analysis Batch: 372356

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371600

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		100	29	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
1,2-Dibromoethane	ND		100	18	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Isopropylbenzene	ND		100	15	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Methyl acetate	ND		500	48	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Methyl tert-butyl ether	ND		100	38	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Methylcyclohexane	ND		100	47	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Methylene Chloride	33.8	J	100	20	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Styrene	ND		100	24	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Tetrachloroethene	ND		100	13	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Toluene	ND		100	27	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
trans-1,2-Dichloroethene	ND		100	24	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
trans-1,3-Dichloropropene	ND		100	9.8	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Trichloroethene	ND		100	28	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Trichlorofluoromethane	ND		100	47	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Vinyl chloride	ND		100	34	ug/Kg		08/10/17 16:22	08/16/17 13:10	1
Xylenes, Total	ND		200	55	ug/Kg		08/10/17 16:22	08/16/17 13:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*110*		*50 - 149*	*08/10/17 16:22*	*08/16/17 13:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*53 - 146*	*08/10/17 16:22*	*08/16/17 13:10*	*1*
4-Bromofluorobenzene (Surr)	*101*		*49 - 148*	*08/10/17 16:22*	*08/16/17 13:10*	*1*
Dibromofluoromethane (Surr)	*94*		*60 - 140*	*08/10/17 16:22*	*08/16/17 13:10*	*1*

Lab Sample ID: LCS 480-371600/1-A
Matrix: Solid
Analysis Batch: 372356

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371600

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	2500	2610		ug/Kg		105	68 - 130
1,1,2,2-Tetrachloroethane	2500	2290		ug/Kg		92	73 - 120
1,1,2-Trichloroethane	2500	2450		ug/Kg		98	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	2500	2670		ug/Kg		107	10 - 179
1,1-Dichloroethane	2500	2360		ug/Kg		95	78 - 121
1,1-Dichloroethene	2500	2890		ug/Kg		115	48 - 133
1,2,4-Trichlorobenzene	2500	2490		ug/Kg		100	70 - 140
1,2-Dibromo-3-Chloropropane	2500	1760		ug/Kg		70	56 - 122
1,2-Dichlorobenzene	2500	2410		ug/Kg		97	78 - 125
1,2-Dichloroethane	2500	2200		ug/Kg		88	74 - 127
1,2-Dichloropropane	2500	2640		ug/Kg		106	80 - 120
1,3-Dichlorobenzene	2500	2540		ug/Kg		102	80 - 120
1,4-Dichlorobenzene	2500	2400		ug/Kg		96	80 - 120
2-Butanone (MEK)	12500	10100		ug/Kg		81	54 - 149
2-Hexanone	12500	10600		ug/Kg		85	59 - 127
4-Methyl-2-pentanone (MIBK)	12500	10700		ug/Kg		86	74 - 120
Acetone	12500	8620		ug/Kg		69	47 - 141
Benzene	2500	2630		ug/Kg		105	77 - 125
Bromodichloromethane	2500	2420		ug/Kg		97	71 - 121

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-371600/1-A
Matrix: Solid
Analysis Batch: 372356

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371600

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	2500	1730		ug/Kg		69	48 - 125
Bromomethane	2500	2220		ug/Kg		89	39 - 149
Carbon disulfide	2500	2420		ug/Kg		97	40 - 136
Carbon tetrachloride	2500	2660		ug/Kg		107	54 - 135
Chlorobenzene	2500	2470		ug/Kg		99	76 - 126
Dibromochloromethane	2500	2520		ug/Kg		101	64 - 120
Chloroethane	2500	1560		ug/Kg		63	23 - 150
Chloroform	2500	2320		ug/Kg		93	78 - 120
Chloromethane	2500	2180		ug/Kg		87	61 - 124
cis-1,2-Dichloroethene	2500	2550		ug/Kg		102	79 - 124
cis-1,3-Dichloropropene	2500	2970		ug/Kg		119	75 - 121
Cyclohexane	2500	2470		ug/Kg		99	49 - 129
Dichlorodifluoromethane	2500	2820		ug/Kg		113	10 - 150
Ethylbenzene	2500	2480		ug/Kg		99	78 - 124
1,2-Dibromoethane	2500	2520		ug/Kg		101	80 - 120
Isopropylbenzene	2500	2860		ug/Kg		114	76 - 120
Methyl acetate	12500	9720		ug/Kg		78	71 - 123
Methyl tert-butyl ether	2500	2450		ug/Kg		98	67 - 137
Methylcyclohexane	2500	2680		ug/Kg		107	50 - 130
Methylene Chloride	2500	2320		ug/Kg		93	75 - 118
Styrene	2500	2640		ug/Kg		106	80 - 120
Tetrachloroethene	2500	2620		ug/Kg		105	73 - 133
Toluene	2500	2660		ug/Kg		106	75 - 124
trans-1,2-Dichloroethene	2500	2480		ug/Kg		99	74 - 129
trans-1,3-Dichloropropene	2500	2750		ug/Kg		110	73 - 120
Trichloroethene	2500	2730		ug/Kg		109	75 - 131
Trichlorofluoromethane	2500	2370		ug/Kg		95	29 - 158
Vinyl chloride	2500	2530		ug/Kg		101	59 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*113*		*50 - 149*
1,2-Dichloroethane-d4 (Surr)	*105*		*53 - 146*
4-Bromofluorobenzene (Surr)	*105*		*49 - 148*
Dibromofluoromethane (Surr)	*110*		*60 - 140*

Lab Sample ID: MB 480-371903/13-A
Matrix: Solid
Analysis Batch: 372356

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371903

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	28	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
1,1,2,2-Tetrachloroethane	ND		100	16	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
1,1,2-Trichloroethane	ND		100	21	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	50	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
1,1-Dichloroethane	ND		100	31	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
1,1-Dichloroethene	ND		100	35	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
1,2,4-Trichlorobenzene	ND		100	38	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
1,2-Dibromo-3-Chloropropane	ND		100	50	ug/Kg		08/13/17 14:56	08/16/17 12:42	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-371903/13-A
Matrix: Solid
Analysis Batch: 372356

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371903

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		100	26	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
1,2-Dichloroethane	ND		100	41	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
1,2-Dichloropropane	ND		100	16	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
1,3-Dichlorobenzene	ND		100	27	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
1,4-Dichlorobenzene	ND		100	14	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
2-Butanone (MEK)	ND		500	300	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
2-Hexanone	ND		500	210	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
4-Methyl-2-pentanone (MIBK)	ND		500	32	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Acetone	ND		500	410	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Benzene	ND		100	19	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Bromodichloromethane	ND		100	20	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Bromoform	ND		100	50	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Bromomethane	ND		100	22	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Carbon disulfide	ND		100	46	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Carbon tetrachloride	ND		100	26	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Chlorobenzene	ND		100	13	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Dibromochloromethane	ND		100	48	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Chloroethane	ND		100	21	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Chloroform	ND		100	69	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Chloromethane	ND		100	24	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
cis-1,2-Dichloroethene	ND		100	28	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
cis-1,3-Dichloropropene	ND		100	24	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Cyclohexane	ND		100	22	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Dichlorodifluoromethane	ND		100	44	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Ethylbenzene	ND		100	29	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
1,2-Dibromoethane	ND		100	18	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Isopropylbenzene	ND		100	15	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Methyl acetate	ND		500	48	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Methyl tert-butyl ether	ND		100	38	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Methylcyclohexane	ND		100	47	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Methylene Chloride	32.6	J	100	20	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Styrene	ND		100	24	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Tetrachloroethene	ND		100	13	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Toluene	ND		100	27	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
trans-1,2-Dichloroethene	ND		100	24	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
trans-1,3-Dichloropropene	ND		100	9.8	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Trichloroethene	ND		100	28	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Trichlorofluoromethane	ND		100	47	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Vinyl chloride	ND		100	34	ug/Kg		08/13/17 14:56	08/16/17 12:42	1
Xylenes, Total	ND		200	55	ug/Kg		08/13/17 14:56	08/16/17 12:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*112*		*50 - 149*	*08/13/17 14:56*	*08/16/17 12:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*53 - 146*	*08/13/17 14:56*	*08/16/17 12:42*	*1*
4-Bromofluorobenzene (Surr)	*104*		*49 - 148*	*08/13/17 14:56*	*08/16/17 12:42*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*08/13/17 14:56*	*08/16/17 12:42*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-371903/1-A
Matrix: Solid
Analysis Batch: 372356

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371903

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	2500	2480		ug/Kg		99	68 - 130
1,1,2,2-Tetrachloroethane	2500	2220		ug/Kg		89	73 - 120
1,1,2-Trichloroethane	2500	2330		ug/Kg		93	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	2500	2450		ug/Kg		98	10 - 179
1,1-Dichloroethane	2500	2260		ug/Kg		91	78 - 121
1,1-Dichloroethene	2500	2440		ug/Kg		98	48 - 133
1,2,4-Trichlorobenzene	2500	2470		ug/Kg		99	70 - 140
1,2-Dibromo-3-Chloropropane	2500	1630		ug/Kg		65	56 - 122
1,2-Dichlorobenzene	2500	2370		ug/Kg		95	78 - 125
1,2-Dichloroethane	2500	2130		ug/Kg		85	74 - 127
1,2-Dichloropropane	2500	2470		ug/Kg		99	80 - 120
1,3-Dichlorobenzene	2500	2420		ug/Kg		97	80 - 120
1,4-Dichlorobenzene	2500	2330		ug/Kg		93	80 - 120
2-Butanone (MEK)	12500	9870		ug/Kg		79	54 - 149
2-Hexanone	12500	9930		ug/Kg		79	59 - 127
4-Methyl-2-pentanone (MIBK)	12500	10700		ug/Kg		86	74 - 120
Acetone	12500	8430		ug/Kg		67	47 - 141
Benzene	2500	2530		ug/Kg		101	77 - 125
Bromodichloromethane	2500	2380		ug/Kg		95	71 - 121
Bromoform	2500	1690		ug/Kg		68	48 - 125
Bromomethane	2500	2300		ug/Kg		92	39 - 149
Carbon disulfide	2500	2380		ug/Kg		95	40 - 136
Carbon tetrachloride	2500	2410		ug/Kg		97	54 - 135
Chlorobenzene	2500	2360		ug/Kg		94	76 - 126
Dibromochloromethane	2500	2440		ug/Kg		98	64 - 120
Chloroethane	2500	1550		ug/Kg		62	23 - 150
Chloroform	2500	2230		ug/Kg		89	78 - 120
Chloromethane	2500	2150		ug/Kg		86	61 - 124
cis-1,2-Dichloroethene	2500	2420		ug/Kg		97	79 - 124
cis-1,3-Dichloropropene	2500	2710		ug/Kg		108	75 - 121
Cyclohexane	2500	2380		ug/Kg		95	49 - 129
Dichlorodifluoromethane	2500	2560		ug/Kg		103	10 - 150
Ethylbenzene	2500	2410		ug/Kg		96	78 - 124
1,2-Dibromoethane	2500	2370		ug/Kg		95	80 - 120
Isopropylbenzene	2500	2820		ug/Kg		113	76 - 120
Methyl acetate	12500	9330		ug/Kg		75	71 - 123
Methyl tert-butyl ether	2500	2380		ug/Kg		95	67 - 137
Methylcyclohexane	2500	2500		ug/Kg		100	50 - 130
Methylene Chloride	2500	2290		ug/Kg		91	75 - 118
Styrene	2500	2450		ug/Kg		98	80 - 120
Tetrachloroethene	2500	2490		ug/Kg		100	73 - 133
Toluene	2500	2550		ug/Kg		102	75 - 124
trans-1,2-Dichloroethene	2500	2430		ug/Kg		97	74 - 129
trans-1,3-Dichloropropene	2500	2690		ug/Kg		108	73 - 120
Trichloroethene	2500	2630		ug/Kg		105	75 - 131
Trichlorofluoromethane	2500	2320		ug/Kg		93	29 - 158
Vinyl chloride	2500	2450		ug/Kg		98	59 - 124

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-371903/1-A
Matrix: Solid
Analysis Batch: 372356

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371903

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	113		50 - 149
1,2-Dichloroethane-d4 (Surr)	104		53 - 146
4-Bromofluorobenzene (Surr)	103		49 - 148
Dibromofluoromethane (Surr)	110		60 - 140

QC Association Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 480-122331-1

GC/MS VOA

Analysis Batch: 370956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122331-1	SB-17 0.6-2FT	Total/NA	Solid	8260C	370979
480-122331-4	SB-19 14-16FT	Total/NA	Solid	8260C	370979
480-122331-5	SB-20 8-10FT	Total/NA	Solid	8260C	370979
480-122331-6	SB-21 14-16FT	Total/NA	Solid	8260C	370979
480-122331-7	SB-22 4-6FT	Total/NA	Solid	8260C	370979
MB 480-370979/2-A	Method Blank	Total/NA	Solid	8260C	370979
LCS 480-370979/17-A	Lab Control Sample	Total/NA	Solid	8260C	370979

Prep Batch: 370979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122331-1	SB-17 0.6-2FT	Total/NA	Solid	5035A_L	
480-122331-4	SB-19 14-16FT	Total/NA	Solid	5035A_L	
480-122331-5	SB-20 8-10FT	Total/NA	Solid	5035A_L	
480-122331-6	SB-21 14-16FT	Total/NA	Solid	5035A_L	
480-122331-7	SB-22 4-6FT	Total/NA	Solid	5035A_L	
MB 480-370979/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-370979/17-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Prep Batch: 371600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122331-1 - DL	SB-17 0.6-2FT	Total/NA	Solid	5035A_H	
480-122331-3	SB-18 12-14FT	Total/NA	Solid	5035A_H	
MB 480-371600/2-A	Method Blank	Total/NA	Solid	5035A_H	
LCS 480-371600/1-A	Lab Control Sample	Total/NA	Solid	5035A_H	

Prep Batch: 371903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122331-2	SB-17 14-16FT	Total/NA	Solid	5035A_H	
MB 480-371903/13-A	Method Blank	Total/NA	Solid	5035A_H	
LCS 480-371903/1-A	Lab Control Sample	Total/NA	Solid	5035A_H	

Analysis Batch: 372356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122331-1 - DL	SB-17 0.6-2FT	Total/NA	Solid	8260C	371600
480-122331-2	SB-17 14-16FT	Total/NA	Solid	8260C	371903
480-122331-3	SB-18 12-14FT	Total/NA	Solid	8260C	371600
MB 480-371600/2-A	Method Blank	Total/NA	Solid	8260C	371600
MB 480-371903/13-A	Method Blank	Total/NA	Solid	8260C	371903
LCS 480-371600/1-A	Lab Control Sample	Total/NA	Solid	8260C	371600
LCS 480-371903/1-A	Lab Control Sample	Total/NA	Solid	8260C	371903

General Chemistry

Analysis Batch: 371107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122331-1	SB-17 0.6-2FT	Total/NA	Solid	Moisture	
480-122331-2	SB-17 14-16FT	Total/NA	Solid	Moisture	
480-122331-3	SB-18 12-14FT	Total/NA	Solid	Moisture	
480-122331-4	SB-19 14-16FT	Total/NA	Solid	Moisture	
480-122331-5	SB-20 8-10FT	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 371107 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122331-6	SB-21 14-16FT	Total/NA	Solid	Moisture	
480-122331-7	SB-22 4-6FT	Total/NA	Solid	Moisture	

Client Sample ID: SB-17 0.6-2FT
Lab Sample ID: 480-122331-1
Date Collected: 08/07/17 08:35
Matrix: Solid
Date Received: 08/08/17 19:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	371107	08/08/17 14:41	AMM	TAL BUF

Client Sample ID: SB-17 0.6-2FT
Lab Sample ID: 480-122331-1
Date Collected: 08/07/17 08:35
Matrix: Solid
Date Received: 08/08/17 19:51
Percent Solids: 82.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			370979	08/08/17 02:00	AMM	TAL BUF
Total/NA	Analysis	8260C		1	370956	08/08/17 14:48	AMM	TAL BUF
Total/NA	Prep	5035A_H	DL		371600	08/10/17 16:22	NEA	TAL BUF
Total/NA	Analysis	8260C	DL	100	372356	08/16/17 17:53	ARS	TAL BUF

Client Sample ID: SB-17 14-16FT
Lab Sample ID: 480-122331-2
Date Collected: 08/07/17 08:35
Matrix: Solid
Date Received: 08/08/17 19:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	371107	08/08/17 14:41	AMM	TAL BUF

Client Sample ID: SB-17 14-16FT
Lab Sample ID: 480-122331-2
Date Collected: 08/07/17 08:35
Matrix: Solid
Date Received: 08/08/17 19:51
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_H			371903	08/13/17 14:56	NEA	TAL BUF
Total/NA	Analysis	8260C		50	372356	08/16/17 16:05	ARS	TAL BUF

Client Sample ID: SB-18 12-14FT
Lab Sample ID: 480-122331-3
Date Collected: 08/07/17 09:45
Matrix: Solid
Date Received: 08/08/17 19:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	371107	08/08/17 14:41	AMM	TAL BUF

Client Sample ID: SB-18 12-14FT
Lab Sample ID: 480-122331-3
Date Collected: 08/07/17 09:45
Matrix: Solid
Date Received: 08/08/17 19:51
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_H			371600	08/10/17 16:22	NEA	TAL BUF
Total/NA	Analysis	8260C		2	372356	08/16/17 18:20	ARS	TAL BUF

Client Sample ID: SB-19 14-16FT
Lab Sample ID: 480-122331-4
Date Collected: 08/07/17 13:40
Matrix: Solid
Date Received: 08/08/17 19:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	371107	08/08/17 14:41	AMM	TAL BUF

Client Sample ID: SB-19 14-16FT
Lab Sample ID: 480-122331-4
Date Collected: 08/07/17 13:40
Matrix: Solid
Date Received: 08/08/17 19:51
Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			370979	08/08/17 02:00	AMM	TAL BUF
Total/NA	Analysis	8260C		1	370956	08/08/17 16:05	AMM	TAL BUF

Client Sample ID: SB-20 8-10FT
Lab Sample ID: 480-122331-5
Date Collected: 08/07/17 15:05
Matrix: Solid
Date Received: 08/08/17 19:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	371107	08/08/17 14:41	AMM	TAL BUF

Client Sample ID: SB-20 8-10FT
Lab Sample ID: 480-122331-5
Date Collected: 08/07/17 15:05
Matrix: Solid
Date Received: 08/08/17 19:51
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			370979	08/08/17 02:00	AMM	TAL BUF
Total/NA	Analysis	8260C		1	370956	08/08/17 16:30	AMM	TAL BUF

Client Sample ID: SB-21 14-16FT
Lab Sample ID: 480-122331-6
Date Collected: 08/07/17 16:00
Matrix: Solid
Date Received: 08/08/17 19:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	371107	08/08/17 14:41	AMM	TAL BUF

Client Sample ID: SB-21 14-16FT
Lab Sample ID: 480-122331-6
Date Collected: 08/07/17 16:00
Matrix: Solid
Date Received: 08/08/17 19:51
Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			370979	08/08/17 02:00	AMM	TAL BUF
Total/NA	Analysis	8260C		1	370956	08/08/17 16:55	AMM	TAL BUF

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 480-122331-1

Client Sample ID: SB-22 4-6FT

Lab Sample ID: 480-122331-7

Date Collected: 08/07/17 17:35

Matrix: Solid

Date Received: 08/08/17 19:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	371107	08/08/17 14:41	AMM	TAL BUF

Client Sample ID: SB-22 4-6FT

Lab Sample ID: 480-122331-7

Date Collected: 08/07/17 17:35

Matrix: Solid

Date Received: 08/08/17 19:51

Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			370979	08/08/17 02:00	AMM	TAL BUF
Total/NA	Analysis	8260C		1	370956	08/08/17 17:21	AMM	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 480-122331-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 480-122331-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 480-122331-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-122331-1	SB-17 0.6-2FT	Solid	08/07/17 08:35	08/08/17 19:51
480-122331-2	SB-17 14-16FT	Solid	08/07/17 08:35	08/08/17 19:51
480-122331-3	SB-18 12-14FT	Solid	08/07/17 09:45	08/08/17 19:51
480-122331-4	SB-19 14-16FT	Solid	08/07/17 13:40	08/08/17 19:51
480-122331-5	SB-20 8-10FT	Solid	08/07/17 15:05	08/08/17 19:51
480-122331-6	SB-21 14-16FT	Solid	08/07/17 16:00	08/08/17 19:51
480-122331-7	SB-22 4-6FT	Solid	08/07/17 17:35	08/08/17 19:51

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
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480-122331 COC

Client Information	Sampler: Shannon Dalton	Lab PM: Deyo, Melissa L	Ca	COC No: 480-100691-23963.2
Client Contact: Shannon Dalton	Phone: 716-710-3043	E-Mail: melissa.deyo@testamericainc.com		Page: Page 2 of 2
Company: LaBella Associates DPC				Job #:
Address: 300 Pearl Street Suite 130	Due Date Requested:			
City: Buffalo	TAT Requested (days): Standard			
State, Zip: NY, 14202				
Phone: 716-768-3184(Tel)	PO #: Purchase Order not required			
Email: SDalton@LaBellaPC.com	WO #:			
Project Name: Phase 2 - 11075 Walden Avenue, Alden, NY	Project #: 48016502			
Site: 11075 Walden Ave	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	TO15 - Routine TO15 (all74)	8260C - TCL VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
SB-17 0.6-2ft	8/7/17	8:35	G	Solid				X		
SB-17 14-16ft	8/7/17	8:35	G	Solid				X		
SB-18 12-14ft	8/7/17	9:45	G	Solid				X		
SB-19 14-16ft	8/7/17	13:40	G	Solid				X		
SB-20 8-10ft	8/7/17	15:05	G	Solid				X		
SB-21 14-16ft	8/7/17	16:00	G	Solid				X		
SB-22 4-6ft	8/7/17	17:35	G	Solid				X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: Shannon Dalton	8/7 / 19:45		Received by:	8/7 19:51	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.2 #1

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-122331-1

Login Number: 122331
List Number: 1
Creator: Williams, Christopher S

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	FREEZER ON 08AUG2017 @ 0200
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	LA BELLA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
Tel: (802)660-1990

TestAmerica Job ID: 200-40374-1
Client Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

For:
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Attn: Adam Zebrowski

Authorized for release by:
10/17/2017 4:35:03 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

LINKS

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Have a Question? Ask The Expert

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-40374-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 200-40374-1

Laboratory: TestAmerica Burlington

Narrative

Job Narrative
200-40374-1

Comments
No additional comments.

Receipt
The samples were received on 10/6/2017 9:35 AM; the samples arrived in good condition, properly preserved and, where required, on ice.

Receipt Exceptions
During the canister pressure check performed upon receipt, it was observed that the following sample was received at an elevated residual vacuum level: OD2 (200-40374-7). The associated flow controller was evaluated upon receipt and was found to be outside the acceptable flow range as compared to the original set flow rate. The client was contacted, and the laboratory was instructed to proceed with the analysis with the addition of makeup air.

Air Toxics
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-40374-1

Client Sample ID: SS3

Lab Sample ID: 200-40374-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.56	J	1.0	0.094	ppb v/v	2		TO-15	Total/NA
Freon 22	1.0		1.0	0.40	ppb v/v	2		TO-15	Total/NA
Chloromethane	0.54	J	1.0	0.32	ppb v/v	2		TO-15	Total/NA
n-Butane	45		1.0	0.092	ppb v/v	2		TO-15	Total/NA
Trichlorofluoromethane	0.26	J	0.40	0.062	ppb v/v	2		TO-15	Total/NA
Freon TF	0.085	J	0.40	0.054	ppb v/v	2		TO-15	Total/NA
Acetone	43		10	2.6	ppb v/v	2		TO-15	Total/NA
Isopropyl alcohol	3.2	J	10	0.26	ppb v/v	2		TO-15	Total/NA
Carbon disulfide	0.96	J	1.0	0.056	ppb v/v	2		TO-15	Total/NA
Methylene Chloride	0.16	J	1.0	0.14	ppb v/v	2		TO-15	Total/NA
n-Hexane	11		0.40	0.092	ppb v/v	2		TO-15	Total/NA
Methyl Ethyl Ketone	5.9		1.0	0.22	ppb v/v	2		TO-15	Total/NA
cis-1,2-Dichloroethene	1.1		0.40	0.058	ppb v/v	2		TO-15	Total/NA
1,2-Dichloroethene, Total	1.1		0.80	0.058	ppb v/v	2		TO-15	Total/NA
Chloroform	0.11	J	0.40	0.050	ppb v/v	2		TO-15	Total/NA
1,1,1-Trichloroethane	0.080	J	0.40	0.052	ppb v/v	2		TO-15	Total/NA
Cyclohexane	3.3		0.40	0.090	ppb v/v	2		TO-15	Total/NA
Carbon tetrachloride	0.071	J	0.40	0.022	ppb v/v	2		TO-15	Total/NA
2,2,4-Trimethylpentane	0.25	J	0.40	0.086	ppb v/v	2		TO-15	Total/NA
Benzene	2.2		0.40	0.056	ppb v/v	2		TO-15	Total/NA
n-Heptane	7.1		0.40	0.14	ppb v/v	2		TO-15	Total/NA
Trichloroethene	0.60		0.40	0.018	ppb v/v	2		TO-15	Total/NA
methyl isobutyl ketone	1.8		1.0	0.13	ppb v/v	2		TO-15	Total/NA
Toluene	4.5		0.40	0.070	ppb v/v	2		TO-15	Total/NA
Tetrachloroethene	11		0.40	0.020	ppb v/v	2		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.3		1.0	0.17	ppb v/v	2		TO-15	Total/NA
Ethylbenzene	0.48		0.40	0.068	ppb v/v	2		TO-15	Total/NA
m,p-Xylene	2.6		1.0	0.15	ppb v/v	2		TO-15	Total/NA
Xylene, o-	0.83		0.40	0.080	ppb v/v	2		TO-15	Total/NA
Xylene (total)	3.4		1.4	0.080	ppb v/v	2		TO-15	Total/NA
Styrene	0.17	J	0.40	0.070	ppb v/v	2		TO-15	Total/NA
Cumene	0.17	J	0.40	0.078	ppb v/v	2		TO-15	Total/NA
n-Propylbenzene	0.22	J	0.40	0.080	ppb v/v	2		TO-15	Total/NA
4-Ethyltoluene	0.30	J	0.40	0.080	ppb v/v	2		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.34	J	0.40	0.080	ppb v/v	2		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.78		0.40	0.11	ppb v/v	2		TO-15	Total/NA
Naphthalene	0.21	J	1.0	0.20	ppb v/v	2		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.8	J	4.9	0.46	ug/m3	2		TO-15	Total/NA
Freon 22	3.7		3.5	1.4	ug/m3	2		TO-15	Total/NA
Chloromethane	1.1	J	2.1	0.66	ug/m3	2		TO-15	Total/NA
n-Butane	110		2.4	0.22	ug/m3	2		TO-15	Total/NA
Trichlorofluoromethane	1.5	J	2.2	0.35	ug/m3	2		TO-15	Total/NA
Freon TF	0.65	J	3.1	0.41	ug/m3	2		TO-15	Total/NA
Acetone	100		24	6.2	ug/m3	2		TO-15	Total/NA
Isopropyl alcohol	7.8	J	25	0.64	ug/m3	2		TO-15	Total/NA
Carbon disulfide	3.0	J	3.1	0.17	ug/m3	2		TO-15	Total/NA
Methylene Chloride	0.55	J	3.5	0.47	ug/m3	2		TO-15	Total/NA
n-Hexane	37		1.4	0.32	ug/m3	2		TO-15	Total/NA
Methyl Ethyl Ketone	17		2.9	0.65	ug/m3	2		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS3 (Continued) — Lab Sample ID: 200-40374-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.2		1.6	0.23	ug/m3	2		TO-15	Total/NA
1,2-Dichloroethene, Total	4.4		3.2	0.23	ug/m3	2		TO-15	Total/NA
Chloroform	0.52	J	2.0	0.24	ug/m3	2		TO-15	Total/NA
1,1,1-Trichloroethane	0.43	J	2.2	0.28	ug/m3	2		TO-15	Total/NA
Cyclohexane	11		1.4	0.31	ug/m3	2		TO-15	Total/NA
Carbon tetrachloride	0.45	J	2.5	0.14	ug/m3	2		TO-15	Total/NA
2,2,4-Trimethylpentane	1.2	J	1.9	0.40	ug/m3	2		TO-15	Total/NA
Benzene	7.2		1.3	0.18	ug/m3	2		TO-15	Total/NA
n-Heptane	29		1.6	0.56	ug/m3	2		TO-15	Total/NA
Trichloroethene	3.2		2.1	0.098	ug/m3	2		TO-15	Total/NA
methyl isobutyl ketone	7.3		4.1	0.53	ug/m3	2		TO-15	Total/NA
Toluene	17		1.5	0.26	ug/m3	2		TO-15	Total/NA
Tetrachloroethene	72		2.7	0.13	ug/m3	2		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	5.3		4.1	0.70	ug/m3	2		TO-15	Total/NA
Ethylbenzene	2.1		1.7	0.30	ug/m3	2		TO-15	Total/NA
m,p-Xylene	11		4.3	0.67	ug/m3	2		TO-15	Total/NA
Xylene, o-	3.6		1.7	0.35	ug/m3	2		TO-15	Total/NA
Xylene (total)	15		6.1	0.35	ug/m3	2		TO-15	Total/NA
Styrene	0.72	J	1.7	0.30	ug/m3	2		TO-15	Total/NA
Cumene	0.83	J	2.0	0.38	ug/m3	2		TO-15	Total/NA
n-Propylbenzene	1.1	J	2.0	0.39	ug/m3	2		TO-15	Total/NA
4-Ethyltoluene	1.5	J	2.0	0.39	ug/m3	2		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.7	J	2.0	0.39	ug/m3	2		TO-15	Total/NA
1,2,4-Trimethylbenzene	3.8		2.0	0.56	ug/m3	2		TO-15	Total/NA
Naphthalene	1.1	J	5.2	1.0	ug/m3	2		TO-15	Total/NA

Client Sample ID: ID3 — Lab Sample ID: 200-40374-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.48	J	0.50	0.047	ppb v/v	1		TO-15	Total/NA
Freon 22	0.83		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.44	J	0.50	0.16	ppb v/v	1		TO-15	Total/NA
n-Butane	13		0.50	0.046	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.24		0.20	0.031	ppb v/v	1		TO-15	Total/NA
Freon TF	0.076	J	0.20	0.027	ppb v/v	1		TO-15	Total/NA
Acetone	4.1	J	5.0	1.3	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	0.49	J	5.0	0.13	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.13	J	0.50	0.028	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.11	J	0.50	0.068	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.50		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	0.48	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	1.4		0.20	0.029	ppb v/v	1		TO-15	Total/NA
1,2-Dichloroethene, Total	1.4		0.40	0.029	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.050	J	0.20	0.045	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.066	J	0.20	0.011	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.050	J	0.20	0.043	ppb v/v	1		TO-15	Total/NA
Benzene	0.096	J	0.20	0.028	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.13	J	0.20	0.068	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.59		0.20	0.0091	ppb v/v	1		TO-15	Total/NA
Toluene	0.30		0.20	0.035	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: ID3 (Continued)

Lab Sample ID: 200-40374-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	3.2		0.20	0.0098	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.044	J	0.20	0.034	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.15	J	0.50	0.077	ppb v/v	1		TO-15	Total/NA
Xylene, o-	0.070	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.22	J	0.70	0.040	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.071	J	0.20	0.057	ppb v/v	1		TO-15	Total/NA
1,4-Dichlorobenzene	0.095	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.4	J	2.5	0.23	ug/m3	1		TO-15	Total/NA
Freon 22	2.9		1.8	0.71	ug/m3	1		TO-15	Total/NA
Chloromethane	0.92	J	1.0	0.33	ug/m3	1		TO-15	Total/NA
n-Butane	32		1.2	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	0.58	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
Acetone	9.8	J	12	3.1	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	1.2	J	12	0.32	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.41	J	1.6	0.087	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.37	J	1.7	0.24	ug/m3	1		TO-15	Total/NA
n-Hexane	1.7		0.70	0.16	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.4	J	1.5	0.32	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	5.6		0.79	0.11	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	5.6		1.6	0.11	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.17	J	0.69	0.15	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.41	J	1.3	0.069	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.24	J	0.93	0.20	ug/m3	1		TO-15	Total/NA
Benzene	0.31	J	0.64	0.089	ug/m3	1		TO-15	Total/NA
n-Heptane	0.53	J	0.82	0.28	ug/m3	1		TO-15	Total/NA
Trichloroethene	3.2		1.1	0.049	ug/m3	1		TO-15	Total/NA
Toluene	1.1		0.75	0.13	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	22		1.4	0.066	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.19	J	0.87	0.15	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.67	J	2.2	0.33	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.30	J	0.87	0.17	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.96	J	3.0	0.17	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.35	J	0.98	0.28	ug/m3	1		TO-15	Total/NA
1,4-Dichlorobenzene	0.57	J	1.2	0.38	ug/m3	1		TO-15	Total/NA

Client Sample ID: SS4

Lab Sample ID: 200-40374-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.51	J	1.0	0.094	ppb v/v	2		TO-15	Total/NA
Freon 22	1.1		1.0	0.40	ppb v/v	2		TO-15	Total/NA
Chloromethane	0.47	J	1.0	0.32	ppb v/v	2		TO-15	Total/NA
n-Butane	43		1.0	0.092	ppb v/v	2		TO-15	Total/NA
Trichlorofluoromethane	0.23	J	0.40	0.062	ppb v/v	2		TO-15	Total/NA
Freon TF	0.076	J	0.40	0.054	ppb v/v	2		TO-15	Total/NA
Acetone	37		10	2.6	ppb v/v	2		TO-15	Total/NA
Isopropyl alcohol	0.98	J	10	0.26	ppb v/v	2		TO-15	Total/NA
Carbon disulfide	1.1		1.0	0.056	ppb v/v	2		TO-15	Total/NA
Methylene Chloride	0.16	J	1.0	0.14	ppb v/v	2		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS4 (Continued)

Lab Sample ID: 200-40374-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Hexane	11		0.40	0.092	ppb v/v	2		TO-15	Total/NA
Methyl Ethyl Ketone	6.3		1.0	0.22	ppb v/v	2		TO-15	Total/NA
cis-1,2-Dichloroethene	0.87		0.40	0.058	ppb v/v	2		TO-15	Total/NA
1,2-Dichloroethene, Total	0.87		0.80	0.058	ppb v/v	2		TO-15	Total/NA
Chloroform	0.16	J	0.40	0.050	ppb v/v	2		TO-15	Total/NA
1,1,1-Trichloroethane	0.089	J	0.40	0.052	ppb v/v	2		TO-15	Total/NA
Cyclohexane	4.7		0.40	0.090	ppb v/v	2		TO-15	Total/NA
Carbon tetrachloride	0.054	J	0.40	0.022	ppb v/v	2		TO-15	Total/NA
2,2,4-Trimethylpentane	0.31	J	0.40	0.086	ppb v/v	2		TO-15	Total/NA
Benzene	2.3		0.40	0.056	ppb v/v	2		TO-15	Total/NA
n-Heptane	6.7		0.40	0.14	ppb v/v	2		TO-15	Total/NA
Trichloroethene	0.61		0.40	0.018	ppb v/v	2		TO-15	Total/NA
methyl isobutyl ketone	1.9		1.0	0.13	ppb v/v	2		TO-15	Total/NA
Toluene	6.0		0.40	0.070	ppb v/v	2		TO-15	Total/NA
Tetrachloroethene	4.5		0.40	0.020	ppb v/v	2		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.3		1.0	0.17	ppb v/v	2		TO-15	Total/NA
Ethylbenzene	0.59		0.40	0.068	ppb v/v	2		TO-15	Total/NA
m,p-Xylene	2.3		1.0	0.15	ppb v/v	2		TO-15	Total/NA
Xylene, o-	0.80		0.40	0.080	ppb v/v	2		TO-15	Total/NA
Xylene (total)	3.1		1.4	0.080	ppb v/v	2		TO-15	Total/NA
Styrene	0.16	J	0.40	0.070	ppb v/v	2		TO-15	Total/NA
Cumene	0.21	J	0.40	0.078	ppb v/v	2		TO-15	Total/NA
n-Propylbenzene	0.18	J	0.40	0.080	ppb v/v	2		TO-15	Total/NA
4-Ethyltoluene	0.26	J	0.40	0.080	ppb v/v	2		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.27	J	0.40	0.080	ppb v/v	2		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.75		0.40	0.11	ppb v/v	2		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.5	J	4.9	0.46	ug/m3	2		TO-15	Total/NA
Freon 22	3.7		3.5	1.4	ug/m3	2		TO-15	Total/NA
Chloromethane	0.97	J	2.1	0.66	ug/m3	2		TO-15	Total/NA
n-Butane	100		2.4	0.22	ug/m3	2		TO-15	Total/NA
Trichlorofluoromethane	1.3	J	2.2	0.35	ug/m3	2		TO-15	Total/NA
Freon TF	0.58	J	3.1	0.41	ug/m3	2		TO-15	Total/NA
Acetone	87		24	6.2	ug/m3	2		TO-15	Total/NA
Isopropyl alcohol	2.4	J	25	0.64	ug/m3	2		TO-15	Total/NA
Carbon disulfide	3.5		3.1	0.17	ug/m3	2		TO-15	Total/NA
Methylene Chloride	0.57	J	3.5	0.47	ug/m3	2		TO-15	Total/NA
n-Hexane	38		1.4	0.32	ug/m3	2		TO-15	Total/NA
Methyl Ethyl Ketone	18		2.9	0.65	ug/m3	2		TO-15	Total/NA
cis-1,2-Dichloroethene	3.5		1.6	0.23	ug/m3	2		TO-15	Total/NA
1,2-Dichloroethene, Total	3.4		3.2	0.23	ug/m3	2		TO-15	Total/NA
Chloroform	0.80	J	2.0	0.24	ug/m3	2		TO-15	Total/NA
1,1,1-Trichloroethane	0.48	J	2.2	0.28	ug/m3	2		TO-15	Total/NA
Cyclohexane	16		1.4	0.31	ug/m3	2		TO-15	Total/NA
Carbon tetrachloride	0.34	J	2.5	0.14	ug/m3	2		TO-15	Total/NA
2,2,4-Trimethylpentane	1.5	J	1.9	0.40	ug/m3	2		TO-15	Total/NA
Benzene	7.5		1.3	0.18	ug/m3	2		TO-15	Total/NA
n-Heptane	28		1.6	0.56	ug/m3	2		TO-15	Total/NA
Trichloroethene	3.3		2.1	0.098	ug/m3	2		TO-15	Total/NA
methyl isobutyl ketone	7.9		4.1	0.53	ug/m3	2		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS4 (Continued) — Lab Sample ID: 200-40374-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	23		1.5	0.26	ug/m3	2		TO-15	Total/NA
Tetrachloroethene	30		2.7	0.13	ug/m3	2		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	5.2		4.1	0.70	ug/m3	2		TO-15	Total/NA
Ethylbenzene	2.6		1.7	0.30	ug/m3	2		TO-15	Total/NA
m,p-Xylene	10		4.3	0.67	ug/m3	2		TO-15	Total/NA
Xylene, o-	3.5		1.7	0.35	ug/m3	2		TO-15	Total/NA
Xylene (total)	13		6.1	0.35	ug/m3	2		TO-15	Total/NA
Styrene	0.68	J	1.7	0.30	ug/m3	2		TO-15	Total/NA
Cumene	1.0	J	2.0	0.38	ug/m3	2		TO-15	Total/NA
n-Propylbenzene	0.89	J	2.0	0.39	ug/m3	2		TO-15	Total/NA
4-Ethyltoluene	1.3	J	2.0	0.39	ug/m3	2		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.3	J	2.0	0.39	ug/m3	2		TO-15	Total/NA
1,2,4-Trimethylbenzene	3.7		2.0	0.56	ug/m3	2		TO-15	Total/NA

Client Sample ID: ID4 — Lab Sample ID: 200-40374-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.50		0.50	0.047	ppb v/v	1		TO-15	Total/NA
Freon 22	0.91		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.49	J	0.50	0.16	ppb v/v	1		TO-15	Total/NA
n-Butane	15		0.50	0.046	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.25		0.20	0.031	ppb v/v	1		TO-15	Total/NA
Freon TF	0.078	J	0.20	0.027	ppb v/v	1		TO-15	Total/NA
Acetone	7.6		5.0	1.3	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	0.31	J	5.0	0.13	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.13	J	0.50	0.028	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.088	J	0.50	0.068	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.52		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.2		0.50	0.11	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	1.4		0.20	0.029	ppb v/v	1		TO-15	Total/NA
1,2-Dichloroethene, Total	1.4		0.40	0.029	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.026	J	0.20	0.026	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.057	J	0.20	0.045	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.072	J	0.20	0.011	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.047	J	0.20	0.043	ppb v/v	1		TO-15	Total/NA
Benzene	0.11	J	0.20	0.028	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.14	J	0.20	0.068	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.65		0.20	0.0091	ppb v/v	1		TO-15	Total/NA
methyl isobutyl ketone	0.14	J	0.50	0.065	ppb v/v	1		TO-15	Total/NA
Toluene	0.36		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	3.6		0.20	0.0098	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.16	J	0.50	0.086	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.074	J	0.20	0.034	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.33	J	0.50	0.077	ppb v/v	1		TO-15	Total/NA
Xylene, o-	0.14	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.47	J	0.70	0.040	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.063	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.053	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
2-Chlorotoluene	0.075	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.24		0.20	0.057	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: ID4 (Continued) — Lab Sample ID: 200-40374-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Isopropyltoluene	0.070	J	0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,4-Dichlorobenzene	0.087	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.5		2.5	0.23	ug/m3	1		TO-15	Total/NA
Freon 22	3.2		1.8	0.71	ug/m3	1		TO-15	Total/NA
Chloromethane	1.0	J	1.0	0.33	ug/m3	1		TO-15	Total/NA
n-Butane	35		1.2	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	0.60	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
Acetone	18		12	3.1	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	0.76	J	12	0.32	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.40	J	1.6	0.087	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.31	J	1.7	0.24	ug/m3	1		TO-15	Total/NA
n-Hexane	1.8		0.70	0.16	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	3.5		1.5	0.32	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	5.6		0.79	0.11	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	5.6		1.6	0.11	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.14	J	1.1	0.14	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.20	J	0.69	0.15	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.45	J	1.3	0.069	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.22	J	0.93	0.20	ug/m3	1		TO-15	Total/NA
Benzene	0.34	J	0.64	0.089	ug/m3	1		TO-15	Total/NA
n-Heptane	0.58	J	0.82	0.28	ug/m3	1		TO-15	Total/NA
Trichloroethene	3.5		1.1	0.049	ug/m3	1		TO-15	Total/NA
methyl isobutyl ketone	0.59	J	2.0	0.27	ug/m3	1		TO-15	Total/NA
Toluene	1.3		0.75	0.13	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	25		1.4	0.066	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.64	J	2.0	0.35	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.32	J	0.87	0.15	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.4	J	2.2	0.33	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.59	J	0.87	0.17	ug/m3	1		TO-15	Total/NA
Xylene (total)	2.0	J	3.0	0.17	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.31	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.26	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
2-Chlorotoluene	0.39	J	1.0	0.18	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.2		0.98	0.28	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	0.39	J	1.1	0.29	ug/m3	1		TO-15	Total/NA
1,4-Dichlorobenzene	0.52	J	1.2	0.38	ug/m3	1		TO-15	Total/NA

Client Sample ID: SS5 — Lab Sample ID: 200-40374-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	1400		24	2.2	ppb v/v	47.85		TO-15	Total/NA
Acetone	71	J	240	62	ppb v/v	47.85		TO-15	Total/NA
Carbon disulfide	6.0	J	24	1.3	ppb v/v	47.85		TO-15	Total/NA
n-Hexane	530		9.6	2.2	ppb v/v	47.85		TO-15	Total/NA
Methyl Ethyl Ketone	7.8	J	24	5.3	ppb v/v	47.85		TO-15	Total/NA
Cyclohexane	650		9.6	2.2	ppb v/v	47.85		TO-15	Total/NA
2,2,4-Trimethylpentane	4.9	J	9.6	2.1	ppb v/v	47.85		TO-15	Total/NA
Benzene	22		9.6	1.3	ppb v/v	47.85		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS5 (Continued)

Lab Sample ID: 200-40374-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Heptane	360		9.6	3.3	ppb v/v	47.85		TO-15	Total/NA
Trichloroethene	0.84	J	9.6	0.44	ppb v/v	47.85		TO-15	Total/NA
Toluene	82		9.6	1.7	ppb v/v	47.85		TO-15	Total/NA
Tetrachloroethene	7.9	J	9.6	0.47	ppb v/v	47.85		TO-15	Total/NA
Ethylbenzene	16		9.6	1.6	ppb v/v	47.85		TO-15	Total/NA
m,p-Xylene	77		24	3.7	ppb v/v	47.85		TO-15	Total/NA
Xylene, o-	24		9.6	1.9	ppb v/v	47.85		TO-15	Total/NA
Xylene (total)	100		33	1.9	ppb v/v	47.85		TO-15	Total/NA
Cumene	4.0	J	9.6	1.9	ppb v/v	47.85		TO-15	Total/NA
n-Propylbenzene	3.2	J	9.6	1.9	ppb v/v	47.85		TO-15	Total/NA
4-Ethyltoluene	1.9	J	9.6	1.9	ppb v/v	47.85		TO-15	Total/NA
1,3,5-Trimethylbenzene	4.1	J	9.6	1.9	ppb v/v	47.85		TO-15	Total/NA
1,2,4-Trimethylbenzene	3.7	J	9.6	2.7	ppb v/v	47.85		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	3400		57	5.2	ug/m3	47.85		TO-15	Total/NA
Acetone	170	J	570	150	ug/m3	47.85		TO-15	Total/NA
Carbon disulfide	19	J	75	4.2	ug/m3	47.85		TO-15	Total/NA
n-Hexane	1900		34	7.8	ug/m3	47.85		TO-15	Total/NA
Methyl Ethyl Ketone	23	J	71	16	ug/m3	47.85		TO-15	Total/NA
Cyclohexane	2200		33	7.4	ug/m3	47.85		TO-15	Total/NA
2,2,4-Trimethylpentane	23	J	45	9.6	ug/m3	47.85		TO-15	Total/NA
Benzene	71		31	4.3	ug/m3	47.85		TO-15	Total/NA
n-Heptane	1500		39	13	ug/m3	47.85		TO-15	Total/NA
Trichloroethene	4.5	J	51	2.3	ug/m3	47.85		TO-15	Total/NA
Toluene	310		36	6.3	ug/m3	47.85		TO-15	Total/NA
Tetrachloroethene	54	J	65	3.2	ug/m3	47.85		TO-15	Total/NA
Ethylbenzene	71		42	7.1	ug/m3	47.85		TO-15	Total/NA
m,p-Xylene	340		100	16	ug/m3	47.85		TO-15	Total/NA
Xylene, o-	100		42	8.3	ug/m3	47.85		TO-15	Total/NA
Xylene (total)	440		150	8.3	ug/m3	47.85		TO-15	Total/NA
Cumene	20	J	47	9.2	ug/m3	47.85		TO-15	Total/NA
n-Propylbenzene	16	J	47	9.4	ug/m3	47.85		TO-15	Total/NA
4-Ethyltoluene	9.1	J	47	9.4	ug/m3	47.85		TO-15	Total/NA
1,3,5-Trimethylbenzene	20	J	47	9.4	ug/m3	47.85		TO-15	Total/NA
1,2,4-Trimethylbenzene	18	J	47	13	ug/m3	47.85		TO-15	Total/NA

Client Sample ID: ID5

Lab Sample ID: 200-40374-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.48	J	0.50	0.047	ppb v/v	1		TO-15	Total/NA
Freon 22	2.2		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.48	J	0.50	0.16	ppb v/v	1		TO-15	Total/NA
n-Butane	26		0.50	0.046	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.23		0.20	0.031	ppb v/v	1		TO-15	Total/NA
Freon TF	0.076	J	0.20	0.027	ppb v/v	1		TO-15	Total/NA
Acetone	4.3	J	5.0	1.3	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	0.35	J	5.0	0.13	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.029	J	0.50	0.028	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.18	J	0.50	0.068	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.95		0.20	0.046	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: ID5 (Continued) — Lab Sample ID: 200-40374-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Ethyl Ketone	0.51		0.50	0.11	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.90		0.20	0.029	ppb v/v	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.90		0.40	0.029	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.13	J	0.20	0.045	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.064	J	0.20	0.011	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.070	J	0.20	0.043	ppb v/v	1		TO-15	Total/NA
Benzene	0.11	J	0.20	0.028	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.25		0.20	0.068	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.45		0.20	0.0091	ppb v/v	1		TO-15	Total/NA
Toluene	0.25		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	2.1		0.20	0.0098	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.043	J	0.20	0.034	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.15	J	0.50	0.077	ppb v/v	1		TO-15	Total/NA
Xylene, o-	0.066	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.22	J	0.70	0.040	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.040	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.12	J	0.20	0.057	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.4	J	2.5	0.23	ug/m3	1		TO-15	Total/NA
Freon 22	7.9		1.8	0.71	ug/m3	1		TO-15	Total/NA
Chloromethane	0.99	J	1.0	0.33	ug/m3	1		TO-15	Total/NA
n-Butane	63		1.2	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.3		1.1	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	0.58	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
Acetone	10	J	12	3.1	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	0.85	J	12	0.32	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.089	J	1.6	0.087	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.61	J	1.7	0.24	ug/m3	1		TO-15	Total/NA
n-Hexane	3.4		0.70	0.16	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.5		1.5	0.32	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	3.6		0.79	0.11	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	3.6		1.6	0.11	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.44	J	0.69	0.15	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.40	J	1.3	0.069	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.33	J	0.93	0.20	ug/m3	1		TO-15	Total/NA
Benzene	0.35	J	0.64	0.089	ug/m3	1		TO-15	Total/NA
n-Heptane	1.0		0.82	0.28	ug/m3	1		TO-15	Total/NA
Trichloroethene	2.4		1.1	0.049	ug/m3	1		TO-15	Total/NA
Toluene	0.95		0.75	0.13	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	15		1.4	0.066	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.19	J	0.87	0.15	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.66	J	2.2	0.33	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.29	J	0.87	0.17	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.94	J	3.0	0.17	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.20	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.60	J	0.98	0.28	ug/m3	1		TO-15	Total/NA

Client Sample ID: OD2 — Lab Sample ID: 200-40374-7

This Detection Summary does not include radiochemical test results.

Client Sample ID: OD2 (Continued)

Lab Sample ID: 200-40374-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.47	J	0.50	0.047	ppb v/v	1		TO-15	Total/NA
Freon 22	0.27	J	0.50	0.20	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.52		0.50	0.16	ppb v/v	1		TO-15	Total/NA
n-Butane	0.59		0.50	0.046	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.22		0.20	0.031	ppb v/v	1		TO-15	Total/NA
Freon TF	0.073	J	0.20	0.027	ppb v/v	1		TO-15	Total/NA
Acetone	11		5.0	1.3	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	0.38	J	5.0	0.13	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.037	J	0.50	0.028	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.097	J	0.50	0.068	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.9		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.064	J	0.20	0.011	ppb v/v	1		TO-15	Total/NA
Benzene	0.087	J	0.20	0.028	ppb v/v	1		TO-15	Total/NA
methyl isobutyl ketone	0.077	J	0.50	0.065	ppb v/v	1		TO-15	Total/NA
Toluene	0.14	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.017	J	0.20	0.0098	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.31	J	0.50	0.086	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.093	J	0.50	0.077	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.093	J	0.70	0.040	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.3	J	2.5	0.23	ug/m3	1		TO-15	Total/NA
Freon 22	0.97	J	1.8	0.71	ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0	0.33	ug/m3	1		TO-15	Total/NA
n-Butane	1.4		1.2	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.3		1.1	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	0.56	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
Acetone	26		12	3.1	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	0.94	J	12	0.32	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.11	J	1.6	0.087	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.34	J	1.7	0.24	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	5.7		1.5	0.32	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.40	J	1.3	0.069	ug/m3	1		TO-15	Total/NA
Benzene	0.28	J	0.64	0.089	ug/m3	1		TO-15	Total/NA
methyl isobutyl ketone	0.32	J	2.0	0.27	ug/m3	1		TO-15	Total/NA
Toluene	0.54	J	0.75	0.13	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.11	J	1.4	0.066	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.3	J	2.0	0.35	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.41	J	2.2	0.33	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.40	J	3.0	0.17	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS3

Date Collected: 10/04/17 18:00
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-40374-1

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.56**	**J**	1.0	0.094	ppb v/v			10/10/17 15:03	2
Freon 22	**1.0**		1.0	0.40	ppb v/v			10/10/17 15:03	2
1,2-Dichlorotetrafluoroethane	ND		0.40	0.082	ppb v/v			10/10/17 15:03	2
Chloromethane	**0.54**	**J**	1.0	0.32	ppb v/v			10/10/17 15:03	2
n-Butane	**45**		1.0	0.092	ppb v/v			10/10/17 15:03	2
Vinyl chloride	ND		0.40	0.036	ppb v/v			10/10/17 15:03	2
1,3-Butadiene	ND		0.40	0.074	ppb v/v			10/10/17 15:03	2
Bromomethane	ND		0.40	0.072	ppb v/v			10/10/17 15:03	2
Chloroethane	ND		1.0	0.26	ppb v/v			10/10/17 15:03	2
Bromoethene(Vinyl Bromide)	ND		0.40	0.044	ppb v/v			10/10/17 15:03	2
Trichlorofluoromethane	**0.26**	**J**	0.40	0.062	ppb v/v			10/10/17 15:03	2
Freon TF	**0.085**	**J**	0.40	0.054	ppb v/v			10/10/17 15:03	2
1,1-Dichloroethene	ND		0.40	0.070	ppb v/v			10/10/17 15:03	2
Acetone	**43**		10	2.6	ppb v/v			10/10/17 15:03	2
Isopropyl alcohol	**3.2**	**J**	10	0.26	ppb v/v			10/10/17 15:03	2
Carbon disulfide	**0.96**	**J**	1.0	0.056	ppb v/v			10/10/17 15:03	2
3-Chloropropene	ND		1.0	0.13	ppb v/v			10/10/17 15:03	2
Methylene Chloride	**0.16**	**J**	1.0	0.14	ppb v/v			10/10/17 15:03	2
tert-Butyl alcohol	ND		10	3.4	ppb v/v			10/10/17 15:03	2
Methyl tert-butyl ether	ND		0.40	0.082	ppb v/v			10/10/17 15:03	2
trans-1,2-Dichloroethene	ND		0.40	0.10	ppb v/v			10/10/17 15:03	2
n-Hexane	**11**		0.40	0.092	ppb v/v			10/10/17 15:03	2
1,1-Dichloroethane	ND		0.40	0.034	ppb v/v			10/10/17 15:03	2
Methyl Ethyl Ketone	**5.9**		1.0	0.22	ppb v/v			10/10/17 15:03	2
cis-1,2-Dichloroethene	**1.1**		0.40	0.058	ppb v/v			10/10/17 15:03	2
1,2-Dichloroethene, Total	**1.1**		0.80	0.058	ppb v/v			10/10/17 15:03	2
Chloroform	**0.11**	**J**	0.40	0.050	ppb v/v			10/10/17 15:03	2
Tetrahydrofuran	ND		10	2.4	ppb v/v			10/10/17 15:03	2
1,1,1-Trichloroethane	**0.080**	**J**	0.40	0.052	ppb v/v			10/10/17 15:03	2
Cyclohexane	**3.3**		0.40	0.090	ppb v/v			10/10/17 15:03	2
Carbon tetrachloride	**0.071**	**J**	0.40	0.022	ppb v/v			10/10/17 15:03	2
2,2,4-Trimethylpentane	**0.25**	**J**	0.40	0.086	ppb v/v			10/10/17 15:03	2
Benzene	**2.2**		0.40	0.056	ppb v/v			10/10/17 15:03	2
1,2-Dichloroethane	ND		0.40	0.068	ppb v/v			10/10/17 15:03	2
n-Heptane	**7.1**		0.40	0.14	ppb v/v			10/10/17 15:03	2
Trichloroethene	**0.60**		0.40	0.018	ppb v/v			10/10/17 15:03	2
Methyl methacrylate	ND		1.0	0.22	ppb v/v			10/10/17 15:03	2
1,2-Dichloropropane	ND		0.40	0.070	ppb v/v			10/10/17 15:03	2
1,4-Dioxane	ND		10	1.5	ppb v/v			10/10/17 15:03	2
Bromodichloromethane	ND		0.40	0.12	ppb v/v			10/10/17 15:03	2
cis-1,3-Dichloropropene	ND		0.40	0.072	ppb v/v			10/10/17 15:03	2
methyl isobutyl ketone	**1.8**		1.0	0.13	ppb v/v			10/10/17 15:03	2
Toluene	**4.5**		0.40	0.070	ppb v/v			10/10/17 15:03	2
trans-1,3-Dichloropropene	ND		0.40	0.076	ppb v/v			10/10/17 15:03	2
1,1,2-Trichloroethane	ND		0.40	0.034	ppb v/v			10/10/17 15:03	2
Tetrachloroethene	**11**		0.40	0.020	ppb v/v			10/10/17 15:03	2
Methyl Butyl Ketone (2-Hexanone)	**1.3**		1.0	0.17	ppb v/v			10/10/17 15:03	2
Dibromochloromethane	ND		0.40	0.034	ppb v/v			10/10/17 15:03	2

Client Sample ID: SS3
Date Collected: 10/04/17 18:00
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-40374-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.40	0.046	ppb v/v			10/10/17 15:03	2
Chlorobenzene	ND		0.40	0.050	ppb v/v			10/10/17 15:03	2
Ethylbenzene	**0.48**		0.40	0.068	ppb v/v			10/10/17 15:03	2
m,p-Xylene	**2.6**		1.0	0.15	ppb v/v			10/10/17 15:03	2
Xylene, o-	**0.83**		0.40	0.080	ppb v/v			10/10/17 15:03	2
Xylene (total)	**3.4**		1.4	0.080	ppb v/v			10/10/17 15:03	2
Styrene	**0.17**	**J**	0.40	0.070	ppb v/v			10/10/17 15:03	2
Bromoform	ND		0.40	0.070	ppb v/v			10/10/17 15:03	2
Cumene	**0.17**	**J**	0.40	0.078	ppb v/v			10/10/17 15:03	2
1,1,2,2-Tetrachloroethane	ND		0.40	0.052	ppb v/v			10/10/17 15:03	2
n-Propylbenzene	**0.22**	**J**	0.40	0.080	ppb v/v			10/10/17 15:03	2
4-Ethyltoluene	**0.30**	**J**	0.40	0.080	ppb v/v			10/10/17 15:03	2
1,3,5-Trimethylbenzene	**0.34**	**J**	0.40	0.080	ppb v/v			10/10/17 15:03	2
2-Chlorotoluene	ND		0.40	0.070	ppb v/v			10/10/17 15:03	2
tert-Butylbenzene	ND		0.40	0.074	ppb v/v			10/10/17 15:03	2
1,2,4-Trimethylbenzene	**0.78**		0.40	0.11	ppb v/v			10/10/17 15:03	2
sec-Butylbenzene	ND		0.40	0.074	ppb v/v			10/10/17 15:03	2
4-Isopropyltoluene	ND		0.40	0.10	ppb v/v			10/10/17 15:03	2
1,3-Dichlorobenzene	ND		0.40	0.10	ppb v/v			10/10/17 15:03	2
1,4-Dichlorobenzene	ND		0.40	0.13	ppb v/v			10/10/17 15:03	2
Benzyl chloride	ND		0.40	0.13	ppb v/v			10/10/17 15:03	2
n-Butylbenzene	ND		0.40	0.14	ppb v/v			10/10/17 15:03	2
1,2-Dichlorobenzene	ND		0.40	0.090	ppb v/v			10/10/17 15:03	2
1,2,4-Trichlorobenzene	ND		1.0	0.38	ppb v/v			10/10/17 15:03	2
Hexachlorobutadiene	ND		0.40	0.13	ppb v/v			10/10/17 15:03	2
Naphthalene	**0.21**	**J**	1.0	0.20	ppb v/v			10/10/17 15:03	2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.8**	**J**	4.9	0.46	ug/m3			10/10/17 15:03	2
Freon 22	**3.7**		3.5	1.4	ug/m3			10/10/17 15:03	2
1,2-Dichlorotetrafluoroethane	ND		2.8	0.57	ug/m3			10/10/17 15:03	2
Chloromethane	**1.1**	**J**	2.1	0.66	ug/m3			10/10/17 15:03	2
n-Butane	**110**		2.4	0.22	ug/m3			10/10/17 15:03	2
Vinyl chloride	ND		1.0	0.092	ug/m3			10/10/17 15:03	2
1,3-Butadiene	ND		0.88	0.16	ug/m3			10/10/17 15:03	2
Bromomethane	ND		1.6	0.28	ug/m3			10/10/17 15:03	2
Chloroethane	ND		2.6	0.69	ug/m3			10/10/17 15:03	2
Bromoethene(Vinyl Bromide)	ND		1.7	0.19	ug/m3			10/10/17 15:03	2
Trichlorofluoromethane	**1.5**	**J**	2.2	0.35	ug/m3			10/10/17 15:03	2
Freon TF	**0.65**	**J**	3.1	0.41	ug/m3			10/10/17 15:03	2
1,1-Dichloroethene	ND		1.6	0.28	ug/m3			10/10/17 15:03	2
Acetone	**100**		24	6.2	ug/m3			10/10/17 15:03	2
Isopropyl alcohol	**7.8**	**J**	25	0.64	ug/m3			10/10/17 15:03	2
Carbon disulfide	**3.0**	**J**	3.1	0.17	ug/m3			10/10/17 15:03	2
3-Chloropropene	ND		3.1	0.39	ug/m3			10/10/17 15:03	2
Methylene Chloride	**0.55**	**J**	3.5	0.47	ug/m3			10/10/17 15:03	2
tert-Butyl alcohol	ND		30	10	ug/m3			10/10/17 15:03	2
Methyl tert-butyl ether	ND		1.4	0.30	ug/m3			10/10/17 15:03	2
trans-1,2-Dichloroethene	ND		1.6	0.40	ug/m3			10/10/17 15:03	2

Client Sample ID: SS3
Date Collected: 10/04/17 18:00
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-40374-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Hexane	37		1.4	0.32	ug/m3			10/10/17 15:03	2
1,1-Dichloroethane	ND		1.6	0.14	ug/m3			10/10/17 15:03	2
Methyl Ethyl Ketone	17		2.9	0.65	ug/m3			10/10/17 15:03	2
cis-1,2-Dichloroethene	4.2		1.6	0.23	ug/m3			10/10/17 15:03	2
1,2-Dichloroethene, Total	4.4		3.2	0.23	ug/m3			10/10/17 15:03	2
Chloroform	0.52	J	2.0	0.24	ug/m3			10/10/17 15:03	2
Tetrahydrofuran	ND		29	7.1	ug/m3			10/10/17 15:03	2
1,1,1-Trichloroethane	0.43	J	2.2	0.28	ug/m3			10/10/17 15:03	2
Cyclohexane	11		1.4	0.31	ug/m3			10/10/17 15:03	2
Carbon tetrachloride	0.45	J	2.5	0.14	ug/m3			10/10/17 15:03	2
2,2,4-Trimethylpentane	1.2	J	1.9	0.40	ug/m3			10/10/17 15:03	2
Benzene	7.2		1.3	0.18	ug/m3			10/10/17 15:03	2
1,2-Dichloroethane	ND		1.6	0.28	ug/m3			10/10/17 15:03	2
n-Heptane	29		1.6	0.56	ug/m3			10/10/17 15:03	2
Trichloroethene	3.2		2.1	0.098	ug/m3			10/10/17 15:03	2
Methyl methacrylate	ND		4.1	0.90	ug/m3			10/10/17 15:03	2
1,2-Dichloropropane	ND		1.8	0.32	ug/m3			10/10/17 15:03	2
1,4-Dioxane	ND		36	5.5	ug/m3			10/10/17 15:03	2
Bromodichloromethane	ND		2.7	0.79	ug/m3			10/10/17 15:03	2
cis-1,3-Dichloropropene	ND		1.8	0.33	ug/m3			10/10/17 15:03	2
methyl isobutyl ketone	7.3		4.1	0.53	ug/m3			10/10/17 15:03	2
Toluene	17		1.5	0.26	ug/m3			10/10/17 15:03	2
trans-1,3-Dichloropropene	ND		1.8	0.34	ug/m3			10/10/17 15:03	2
1,1,2-Trichloroethane	ND		2.2	0.19	ug/m3			10/10/17 15:03	2
Tetrachloroethene	72		2.7	0.13	ug/m3			10/10/17 15:03	2
Methyl Butyl Ketone (2-Hexanone)	5.3		4.1	0.70	ug/m3			10/10/17 15:03	2
Dibromochloromethane	ND		3.4	0.29	ug/m3			10/10/17 15:03	2
1,2-Dibromoethane	ND		3.1	0.35	ug/m3			10/10/17 15:03	2
Chlorobenzene	ND		1.8	0.23	ug/m3			10/10/17 15:03	2
Ethylbenzene	2.1		1.7	0.30	ug/m3			10/10/17 15:03	2
m,p-Xylene	11		4.3	0.67	ug/m3			10/10/17 15:03	2
Xylene, o-	3.6		1.7	0.35	ug/m3			10/10/17 15:03	2
Xylene (total)	15		6.1	0.35	ug/m3			10/10/17 15:03	2
Styrene	0.72	J	1.7	0.30	ug/m3			10/10/17 15:03	2
Bromoform	ND		4.1	0.72	ug/m3			10/10/17 15:03	2
Cumene	0.83	J	2.0	0.38	ug/m3			10/10/17 15:03	2
1,1,2,2-Tetrachloroethane	ND		2.7	0.36	ug/m3			10/10/17 15:03	2
n-Propylbenzene	1.1	J	2.0	0.39	ug/m3			10/10/17 15:03	2
4-Ethyltoluene	1.5	J	2.0	0.39	ug/m3			10/10/17 15:03	2
1,3,5-Trimethylbenzene	1.7	J	2.0	0.39	ug/m3			10/10/17 15:03	2
2-Chlorotoluene	ND		2.1	0.36	ug/m3			10/10/17 15:03	2
tert-Butylbenzene	ND		2.2	0.41	ug/m3			10/10/17 15:03	2
1,2,4-Trimethylbenzene	3.8		2.0	0.56	ug/m3			10/10/17 15:03	2
sec-Butylbenzene	ND		2.2	0.41	ug/m3			10/10/17 15:03	2
4-Isopropyltoluene	ND		2.2	0.57	ug/m3			10/10/17 15:03	2
1,3-Dichlorobenzene	ND		2.4	0.60	ug/m3			10/10/17 15:03	2
1,4-Dichlorobenzene	ND		2.4	0.76	ug/m3			10/10/17 15:03	2
Benzyl chloride	ND		2.1	0.69	ug/m3			10/10/17 15:03	2

Client Sample ID: SS3
Lab Sample ID: 200-40374-1
Date Collected: 10/04/17 18:00
Matrix: Air
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		2.2	0.75	ug/m3			10/10/17 15:03	2
1,2-Dichlorobenzene	ND		2.4	0.54	ug/m3			10/10/17 15:03	2
1,2,4-Trichlorobenzene	ND		7.4	2.8	ug/m3			10/10/17 15:03	2
Hexachlorobutadiene	ND		4.3	1.4	ug/m3			10/10/17 15:03	2
Naphthalene	**1.1**	**J**	5.2	1.0	ug/m3			10/10/17 15:03	2

Client Sample ID: ID3
Lab Sample ID: 200-40374-2
Date Collected: 10/04/17 18:00
Matrix: Air
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.48**	**J**	0.50	0.047	ppb v/v			10/09/17 18:33	1
Freon 22	**0.83**		0.50	0.20	ppb v/v			10/09/17 18:33	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.041	ppb v/v			10/09/17 18:33	1
Chloromethane	**0.44**	**J**	0.50	0.16	ppb v/v			10/09/17 18:33	1
n-Butane	**13**		0.50	0.046	ppb v/v			10/09/17 18:33	1
Vinyl chloride	ND		0.20	0.018	ppb v/v			10/09/17 18:33	1
1,3-Butadiene	ND		0.20	0.037	ppb v/v			10/09/17 18:33	1
Bromomethane	ND		0.20	0.036	ppb v/v			10/09/17 18:33	1
Chloroethane	ND		0.50	0.13	ppb v/v			10/09/17 18:33	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.022	ppb v/v			10/09/17 18:33	1
Trichlorofluoromethane	**0.24**		0.20	0.031	ppb v/v			10/09/17 18:33	1
Freon TF	**0.076**	**J**	0.20	0.027	ppb v/v			10/09/17 18:33	1
1,1-Dichloroethene	ND		0.20	0.035	ppb v/v			10/09/17 18:33	1
Acetone	**4.1**	**J**	5.0	1.3	ppb v/v			10/09/17 18:33	1
Isopropyl alcohol	**0.49**	**J**	5.0	0.13	ppb v/v			10/09/17 18:33	1
Carbon disulfide	**0.13**	**J**	0.50	0.028	ppb v/v			10/09/17 18:33	1
3-Chloropropene	ND		0.50	0.063	ppb v/v			10/09/17 18:33	1
Methylene Chloride	**0.11**	**J**	0.50	0.068	ppb v/v			10/09/17 18:33	1
tert-Butyl alcohol	ND		5.0	1.7	ppb v/v			10/09/17 18:33	1
Methyl tert-butyl ether	ND		0.20	0.041	ppb v/v			10/09/17 18:33	1
trans-1,2-Dichloroethene	ND		0.20	0.050	ppb v/v			10/09/17 18:33	1
n-Hexane	**0.50**		0.20	0.046	ppb v/v			10/09/17 18:33	1
1,1-Dichloroethane	ND		0.20	0.017	ppb v/v			10/09/17 18:33	1
Methyl Ethyl Ketone	**0.48**	**J**	0.50	0.11	ppb v/v			10/09/17 18:33	1
cis-1,2-Dichloroethene	**1.4**		0.20	0.029	ppb v/v			10/09/17 18:33	1
1,2-Dichloroethene, Total	**1.4**		0.40	0.029	ppb v/v			10/09/17 18:33	1
Chloroform	ND		0.20	0.025	ppb v/v			10/09/17 18:33	1
Tetrahydrofuran	ND		5.0	1.2	ppb v/v			10/09/17 18:33	1
1,1,1-Trichloroethane	ND		0.20	0.026	ppb v/v			10/09/17 18:33	1
Cyclohexane	**0.050**	**J**	0.20	0.045	ppb v/v			10/09/17 18:33	1
Carbon tetrachloride	**0.066**	**J**	0.20	0.011	ppb v/v			10/09/17 18:33	1
2,2,4-Trimethylpentane	**0.050**	**J**	0.20	0.043	ppb v/v			10/09/17 18:33	1
Benzene	**0.096**	**J**	0.20	0.028	ppb v/v			10/09/17 18:33	1
1,2-Dichloroethane	ND		0.20	0.034	ppb v/v			10/09/17 18:33	1
n-Heptane	**0.13**	**J**	0.20	0.068	ppb v/v			10/09/17 18:33	1
Trichloroethene	**0.59**		0.20	0.0091	ppb v/v			10/09/17 18:33	1

Client Sample ID: ID3
Date Collected: 10/04/17 18:00
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-40374-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl methacrylate	ND		0.50	0.11	ppb v/v			10/09/17 18:33	1
1,2-Dichloropropane	ND		0.20	0.035	ppb v/v			10/09/17 18:33	1
1,4-Dioxane	ND		5.0	0.76	ppb v/v			10/09/17 18:33	1
Bromodichloromethane	ND		0.20	0.059	ppb v/v			10/09/17 18:33	1
cis-1,3-Dichloropropene	ND		0.20	0.036	ppb v/v			10/09/17 18:33	1
methyl isobutyl ketone	ND		0.50	0.065	ppb v/v			10/09/17 18:33	1
Toluene	**0.30**		0.20	0.035	ppb v/v			10/09/17 18:33	1
trans-1,3-Dichloropropene	ND		0.20	0.038	ppb v/v			10/09/17 18:33	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			10/09/17 18:33	1
Tetrachloroethene	**3.2**		0.20	0.0098	ppb v/v			10/09/17 18:33	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.086	ppb v/v			10/09/17 18:33	1
Dibromochloromethane	ND		0.20	0.017	ppb v/v			10/09/17 18:33	1
1,2-Dibromoethane	ND		0.20	0.023	ppb v/v			10/09/17 18:33	1
Chlorobenzene	ND		0.20	0.025	ppb v/v			10/09/17 18:33	1
Ethylbenzene	**0.044**	**J**	0.20	0.034	ppb v/v			10/09/17 18:33	1
m,p-Xylene	**0.15**	**J**	0.50	0.077	ppb v/v			10/09/17 18:33	1
Xylene, o-	**0.070**	**J**	0.20	0.040	ppb v/v			10/09/17 18:33	1
Xylene (total)	**0.22**	**J**	0.70	0.040	ppb v/v			10/09/17 18:33	1
Styrene	ND		0.20	0.035	ppb v/v			10/09/17 18:33	1
Bromoform	ND		0.20	0.035	ppb v/v			10/09/17 18:33	1
Cumene	ND		0.20	0.039	ppb v/v			10/09/17 18:33	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.026	ppb v/v			10/09/17 18:33	1
n-Propylbenzene	ND		0.20	0.040	ppb v/v			10/09/17 18:33	1
4-Ethyltoluene	ND		0.20	0.040	ppb v/v			10/09/17 18:33	1
1,3,5-Trimethylbenzene	ND		0.20	0.040	ppb v/v			10/09/17 18:33	1
2-Chlorotoluene	ND		0.20	0.035	ppb v/v			10/09/17 18:33	1
tert-Butylbenzene	ND		0.20	0.037	ppb v/v			10/09/17 18:33	1
1,2,4-Trimethylbenzene	**0.071**	**J**	0.20	0.057	ppb v/v			10/09/17 18:33	1
sec-Butylbenzene	ND		0.20	0.037	ppb v/v			10/09/17 18:33	1
4-Isopropyltoluene	ND		0.20	0.052	ppb v/v			10/09/17 18:33	1
1,3-Dichlorobenzene	ND		0.20	0.050	ppb v/v			10/09/17 18:33	1
1,4-Dichlorobenzene	**0.095**	**J**	0.20	0.063	ppb v/v			10/09/17 18:33	1
Benzyl chloride	ND		0.20	0.067	ppb v/v			10/09/17 18:33	1
n-Butylbenzene	ND		0.20	0.068	ppb v/v			10/09/17 18:33	1
1,2-Dichlorobenzene	ND		0.20	0.045	ppb v/v			10/09/17 18:33	1
1,2,4-Trichlorobenzene	ND		0.50	0.19	ppb v/v			10/09/17 18:33	1
Hexachlorobutadiene	ND		0.20	0.064	ppb v/v			10/09/17 18:33	1
Naphthalene	ND		0.50	0.10	ppb v/v			10/09/17 18:33	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.4**	**J**	2.5	0.23	ug/m3			10/09/17 18:33	1
Freon 22	**2.9**		1.8	0.71	ug/m3			10/09/17 18:33	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.29	ug/m3			10/09/17 18:33	1
Chloromethane	**0.92**	**J**	1.0	0.33	ug/m3			10/09/17 18:33	1
n-Butane	**32**		1.2	0.11	ug/m3			10/09/17 18:33	1
Vinyl chloride	ND		0.51	0.046	ug/m3			10/09/17 18:33	1
1,3-Butadiene	ND		0.44	0.082	ug/m3			10/09/17 18:33	1
Bromomethane	ND		0.78	0.14	ug/m3			10/09/17 18:33	1
Chloroethane	ND		1.3	0.34	ug/m3			10/09/17 18:33	1

Client Sample ID: ID3
Date Collected: 10/04/17 18:00
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-40374-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoethene(Vinyl Bromide)	ND		0.87	0.096	ug/m3			10/09/17 18:33	1
Trichlorofluoromethane	**1.4**		1.1	0.17	ug/m3			10/09/17 18:33	1
Freon TF	**0.58**	**J**	1.5	0.21	ug/m3			10/09/17 18:33	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			10/09/17 18:33	1
Acetone	**9.8**	**J**	12	3.1	ug/m3			10/09/17 18:33	1
Isopropyl alcohol	**1.2**	**J**	12	0.32	ug/m3			10/09/17 18:33	1
Carbon disulfide	**0.41**	**J**	1.6	0.087	ug/m3			10/09/17 18:33	1
3-Chloropropene	ND		1.6	0.20	ug/m3			10/09/17 18:33	1
Methylene Chloride	**0.37**	**J**	1.7	0.24	ug/m3			10/09/17 18:33	1
tert-Butyl alcohol	ND		15	5.2	ug/m3			10/09/17 18:33	1
Methyl tert-butyl ether	ND		0.72	0.15	ug/m3			10/09/17 18:33	1
trans-1,2-Dichloroethene	ND		0.79	0.20	ug/m3			10/09/17 18:33	1
n-Hexane	**1.7**		0.70	0.16	ug/m3			10/09/17 18:33	1
1,1-Dichloroethane	ND		0.81	0.069	ug/m3			10/09/17 18:33	1
Methyl Ethyl Ketone	**1.4**	**J**	1.5	0.32	ug/m3			10/09/17 18:33	1
cis-1,2-Dichloroethene	**5.6**		0.79	0.11	ug/m3			10/09/17 18:33	1
1,2-Dichloroethene, Total	**5.6**		1.6	0.11	ug/m3			10/09/17 18:33	1
Chloroform	ND		0.98	0.12	ug/m3			10/09/17 18:33	1
Tetrahydrofuran	ND		15	3.5	ug/m3			10/09/17 18:33	1
1,1,1-Trichloroethane	ND		1.1	0.14	ug/m3			10/09/17 18:33	1
Cyclohexane	**0.17**	**J**	0.69	0.15	ug/m3			10/09/17 18:33	1
Carbon tetrachloride	**0.41**	**J**	1.3	0.069	ug/m3			10/09/17 18:33	1
2,2,4-Trimethylpentane	**0.24**	**J**	0.93	0.20	ug/m3			10/09/17 18:33	1
Benzene	**0.31**	**J**	0.64	0.089	ug/m3			10/09/17 18:33	1
1,2-Dichloroethane	ND		0.81	0.14	ug/m3			10/09/17 18:33	1
n-Heptane	**0.53**	**J**	0.82	0.28	ug/m3			10/09/17 18:33	1
Trichloroethene	**3.2**		1.1	0.049	ug/m3			10/09/17 18:33	1
Methyl methacrylate	ND		2.0	0.45	ug/m3			10/09/17 18:33	1
1,2-Dichloropropane	ND		0.92	0.16	ug/m3			10/09/17 18:33	1
1,4-Dioxane	ND		18	2.7	ug/m3			10/09/17 18:33	1
Bromodichloromethane	ND		1.3	0.40	ug/m3			10/09/17 18:33	1
cis-1,3-Dichloropropene	ND		0.91	0.16	ug/m3			10/09/17 18:33	1
methyl isobutyl ketone	ND		2.0	0.27	ug/m3			10/09/17 18:33	1
Toluene	**1.1**		0.75	0.13	ug/m3			10/09/17 18:33	1
trans-1,3-Dichloropropene	ND		0.91	0.17	ug/m3			10/09/17 18:33	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			10/09/17 18:33	1
Tetrachloroethene	**22**		1.4	0.066	ug/m3			10/09/17 18:33	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.35	ug/m3			10/09/17 18:33	1
Dibromochloromethane	ND		1.7	0.14	ug/m3			10/09/17 18:33	1
1,2-Dibromoethane	ND		1.5	0.18	ug/m3			10/09/17 18:33	1
Chlorobenzene	ND		0.92	0.12	ug/m3			10/09/17 18:33	1
Ethylbenzene	**0.19**	**J**	0.87	0.15	ug/m3			10/09/17 18:33	1
m,p-Xylene	**0.67**	**J**	2.2	0.33	ug/m3			10/09/17 18:33	1
Xylene, o-	**0.30**	**J**	0.87	0.17	ug/m3			10/09/17 18:33	1
Xylene (total)	**0.96**	**J**	3.0	0.17	ug/m3			10/09/17 18:33	1
Styrene	ND		0.85	0.15	ug/m3			10/09/17 18:33	1
Bromoform	ND		2.1	0.36	ug/m3			10/09/17 18:33	1
Cumene	ND		0.98	0.19	ug/m3			10/09/17 18:33	1

Client Sample ID: ID3

Lab Sample ID: 200-40374-2

Date Collected: 10/04/17 18:00
Matrix: Air
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.4	0.18	ug/m3			10/09/17 18:33	1
n-Propylbenzene	ND		0.98	0.20	ug/m3			10/09/17 18:33	1
4-Ethyltoluene	ND		0.98	0.20	ug/m3			10/09/17 18:33	1
1,3,5-Trimethylbenzene	ND		0.98	0.20	ug/m3			10/09/17 18:33	1
2-Chlorotoluene	ND		1.0	0.18	ug/m3			10/09/17 18:33	1
tert-Butylbenzene	ND		1.1	0.20	ug/m3			10/09/17 18:33	1
1,2,4-Trimethylbenzene	**0.35**	**J**	0.98	0.28	ug/m3			10/09/17 18:33	1
sec-Butylbenzene	ND		1.1	0.20	ug/m3			10/09/17 18:33	1
4-Isopropyltoluene	ND		1.1	0.29	ug/m3			10/09/17 18:33	1
1,3-Dichlorobenzene	ND		1.2	0.30	ug/m3			10/09/17 18:33	1
1,4-Dichlorobenzene	**0.57**	**J**	1.2	0.38	ug/m3			10/09/17 18:33	1
Benzyl chloride	ND		1.0	0.35	ug/m3			10/09/17 18:33	1
n-Butylbenzene	ND		1.1	0.37	ug/m3			10/09/17 18:33	1
1,2-Dichlorobenzene	ND		1.2	0.27	ug/m3			10/09/17 18:33	1
1,2,4-Trichlorobenzene	ND		3.7	1.4	ug/m3			10/09/17 18:33	1
Hexachlorobutadiene	ND		2.1	0.68	ug/m3			10/09/17 18:33	1
Naphthalene	ND		2.6	0.52	ug/m3			10/09/17 18:33	1

Client Sample ID: SS4

Lab Sample ID: 200-40374-3

Date Collected: 10/04/17 18:05
Matrix: Air
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.51**	**J**	1.0	0.094	ppb v/v			10/10/17 16:45	2
Freon 22	**1.1**		1.0	0.40	ppb v/v			10/10/17 16:45	2
1,2-Dichlorotetrafluoroethane	ND		0.40	0.082	ppb v/v			10/10/17 16:45	2
Chloromethane	**0.47**	**J**	1.0	0.32	ppb v/v			10/10/17 16:45	2
n-Butane	**43**		1.0	0.092	ppb v/v			10/10/17 16:45	2
Vinyl chloride	ND		0.40	0.036	ppb v/v			10/10/17 16:45	2
1,3-Butadiene	ND		0.40	0.074	ppb v/v			10/10/17 16:45	2
Bromomethane	ND		0.40	0.072	ppb v/v			10/10/17 16:45	2
Chloroethane	ND		1.0	0.26	ppb v/v			10/10/17 16:45	2
Bromoethene(Vinyl Bromide)	ND		0.40	0.044	ppb v/v			10/10/17 16:45	2
Trichlorofluoromethane	**0.23**	**J**	0.40	0.062	ppb v/v			10/10/17 16:45	2
Freon TF	**0.076**	**J**	0.40	0.054	ppb v/v			10/10/17 16:45	2
1,1-Dichloroethene	ND		0.40	0.070	ppb v/v			10/10/17 16:45	2
Acetone	**37**		10	2.6	ppb v/v			10/10/17 16:45	2
Isopropyl alcohol	**0.98**	**J**	10	0.26	ppb v/v			10/10/17 16:45	2
Carbon disulfide	**1.1**		1.0	0.056	ppb v/v			10/10/17 16:45	2
3-Chloropropene	ND		1.0	0.13	ppb v/v			10/10/17 16:45	2
Methylene Chloride	**0.16**	**J**	1.0	0.14	ppb v/v			10/10/17 16:45	2
tert-Butyl alcohol	ND		10	3.4	ppb v/v			10/10/17 16:45	2
Methyl tert-butyl ether	ND		0.40	0.082	ppb v/v			10/10/17 16:45	2
trans-1,2-Dichloroethene	ND		0.40	0.10	ppb v/v			10/10/17 16:45	2
n-Hexane	**11**		0.40	0.092	ppb v/v			10/10/17 16:45	2
1,1-Dichloroethane	ND		0.40	0.034	ppb v/v			10/10/17 16:45	2
Methyl Ethyl Ketone	**6.3**		1.0	0.22	ppb v/v			10/10/17 16:45	2

Client Sample ID: SS4
Date Collected: 10/04/17 18:05
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-40374-3
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.87		0.40	0.058	ppb v/v			10/10/17 16:45	2
1,2-Dichloroethene, Total	0.87		0.80	0.058	ppb v/v			10/10/17 16:45	2
Chloroform	0.16	J	0.40	0.050	ppb v/v			10/10/17 16:45	2
Tetrahydrofuran	ND		10	2.4	ppb v/v			10/10/17 16:45	2
1,1,1-Trichloroethane	0.089	J	0.40	0.052	ppb v/v			10/10/17 16:45	2
Cyclohexane	4.7		0.40	0.090	ppb v/v			10/10/17 16:45	2
Carbon tetrachloride	0.054	J	0.40	0.022	ppb v/v			10/10/17 16:45	2
2,2,4-Trimethylpentane	0.31	J	0.40	0.086	ppb v/v			10/10/17 16:45	2
Benzene	2.3		0.40	0.056	ppb v/v			10/10/17 16:45	2
1,2-Dichloroethane	ND		0.40	0.068	ppb v/v			10/10/17 16:45	2
n-Heptane	6.7		0.40	0.14	ppb v/v			10/10/17 16:45	2
Trichloroethene	0.61		0.40	0.018	ppb v/v			10/10/17 16:45	2
Methyl methacrylate	ND		1.0	0.22	ppb v/v			10/10/17 16:45	2
1,2-Dichloropropane	ND		0.40	0.070	ppb v/v			10/10/17 16:45	2
1,4-Dioxane	ND		10	1.5	ppb v/v			10/10/17 16:45	2
Bromodichloromethane	ND		0.40	0.12	ppb v/v			10/10/17 16:45	2
cis-1,3-Dichloropropene	ND		0.40	0.072	ppb v/v			10/10/17 16:45	2
methyl isobutyl ketone	1.9		1.0	0.13	ppb v/v			10/10/17 16:45	2
Toluene	6.0		0.40	0.070	ppb v/v			10/10/17 16:45	2
trans-1,3-Dichloropropene	ND		0.40	0.076	ppb v/v			10/10/17 16:45	2
1,1,2-Trichloroethane	ND		0.40	0.034	ppb v/v			10/10/17 16:45	2
Tetrachloroethene	4.5		0.40	0.020	ppb v/v			10/10/17 16:45	2
Methyl Butyl Ketone (2-Hexanone)	1.3		1.0	0.17	ppb v/v			10/10/17 16:45	2
Dibromochloromethane	ND		0.40	0.034	ppb v/v			10/10/17 16:45	2
1,2-Dibromoethane	ND		0.40	0.046	ppb v/v			10/10/17 16:45	2
Chlorobenzene	ND		0.40	0.050	ppb v/v			10/10/17 16:45	2
Ethylbenzene	0.59		0.40	0.068	ppb v/v			10/10/17 16:45	2
m,p-Xylene	2.3		1.0	0.15	ppb v/v			10/10/17 16:45	2
Xylene, o-	0.80		0.40	0.080	ppb v/v			10/10/17 16:45	2
Xylene (total)	3.1		1.4	0.080	ppb v/v			10/10/17 16:45	2
Styrene	0.16	J	0.40	0.070	ppb v/v			10/10/17 16:45	2
Bromoform	ND		0.40	0.070	ppb v/v			10/10/17 16:45	2
Cumene	0.21	J	0.40	0.078	ppb v/v			10/10/17 16:45	2
1,1,2,2-Tetrachloroethane	ND		0.40	0.052	ppb v/v			10/10/17 16:45	2
n-Propylbenzene	0.18	J	0.40	0.080	ppb v/v			10/10/17 16:45	2
4-Ethyltoluene	0.26	J	0.40	0.080	ppb v/v			10/10/17 16:45	2
1,3,5-Trimethylbenzene	0.27	J	0.40	0.080	ppb v/v			10/10/17 16:45	2
2-Chlorotoluene	ND		0.40	0.070	ppb v/v			10/10/17 16:45	2
tert-Butylbenzene	ND		0.40	0.074	ppb v/v			10/10/17 16:45	2
1,2,4-Trimethylbenzene	0.75		0.40	0.11	ppb v/v			10/10/17 16:45	2
sec-Butylbenzene	ND		0.40	0.074	ppb v/v			10/10/17 16:45	2
4-Isopropyltoluene	ND		0.40	0.10	ppb v/v			10/10/17 16:45	2
1,3-Dichlorobenzene	ND		0.40	0.10	ppb v/v			10/10/17 16:45	2
1,4-Dichlorobenzene	ND		0.40	0.13	ppb v/v			10/10/17 16:45	2
Benzyl chloride	ND		0.40	0.13	ppb v/v			10/10/17 16:45	2
n-Butylbenzene	ND		0.40	0.14	ppb v/v			10/10/17 16:45	2
1,2-Dichlorobenzene	ND		0.40	0.090	ppb v/v			10/10/17 16:45	2
1,2,4-Trichlorobenzene	ND		1.0	0.38	ppb v/v			10/10/17 16:45	2

Client Sample ID: SS4
Lab Sample ID: 200-40374-3
Date Collected: 10/04/17 18:05
Matrix: Air
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		0.40	0.13	ppb v/v			10/10/17 16:45	2
Naphthalene	ND		1.0	0.20	ppb v/v			10/10/17 16:45	2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.5**	**J**	4.9	0.46	ug/m3			10/10/17 16:45	2
Freon 22	**3.7**		3.5	1.4	ug/m3			10/10/17 16:45	2
1,2-Dichlorotetrafluoroethane	ND		2.8	0.57	ug/m3			10/10/17 16:45	2
Chloromethane	**0.97**	**J**	2.1	0.66	ug/m3			10/10/17 16:45	2
n-Butane	**100**		2.4	0.22	ug/m3			10/10/17 16:45	2
Vinyl chloride	ND		1.0	0.092	ug/m3			10/10/17 16:45	2
1,3-Butadiene	ND		0.88	0.16	ug/m3			10/10/17 16:45	2
Bromomethane	ND		1.6	0.28	ug/m3			10/10/17 16:45	2
Chloroethane	ND		2.6	0.69	ug/m3			10/10/17 16:45	2
Bromoethene(Vinyl Bromide)	ND		1.7	0.19	ug/m3			10/10/17 16:45	2
Trichlorofluoromethane	**1.3**	**J**	2.2	0.35	ug/m3			10/10/17 16:45	2
Freon TF	**0.58**	**J**	3.1	0.41	ug/m3			10/10/17 16:45	2
1,1-Dichloroethene	ND		1.6	0.28	ug/m3			10/10/17 16:45	2
Acetone	**87**		24	6.2	ug/m3			10/10/17 16:45	2
Isopropyl alcohol	**2.4**	**J**	25	0.64	ug/m3			10/10/17 16:45	2
Carbon disulfide	**3.5**		3.1	0.17	ug/m3			10/10/17 16:45	2
3-Chloropropene	ND		3.1	0.39	ug/m3			10/10/17 16:45	2
Methylene Chloride	**0.57**	**J**	3.5	0.47	ug/m3			10/10/17 16:45	2
tert-Butyl alcohol	ND		30	10	ug/m3			10/10/17 16:45	2
Methyl tert-butyl ether	ND		1.4	0.30	ug/m3			10/10/17 16:45	2
trans-1,2-Dichloroethene	ND		1.6	0.40	ug/m3			10/10/17 16:45	2
n-Hexane	**38**		1.4	0.32	ug/m3			10/10/17 16:45	2
1,1-Dichloroethane	ND		1.6	0.14	ug/m3			10/10/17 16:45	2
Methyl Ethyl Ketone	**18**		2.9	0.65	ug/m3			10/10/17 16:45	2
cis-1,2-Dichloroethene	**3.5**		1.6	0.23	ug/m3			10/10/17 16:45	2
1,2-Dichloroethene, Total	**3.4**		3.2	0.23	ug/m3			10/10/17 16:45	2
Chloroform	**0.80**	**J**	2.0	0.24	ug/m3			10/10/17 16:45	2
Tetrahydrofuran	ND		29	7.1	ug/m3			10/10/17 16:45	2
1,1,1-Trichloroethane	**0.48**	**J**	2.2	0.28	ug/m3			10/10/17 16:45	2
Cyclohexane	**16**		1.4	0.31	ug/m3			10/10/17 16:45	2
Carbon tetrachloride	**0.34**	**J**	2.5	0.14	ug/m3			10/10/17 16:45	2
2,2,4-Trimethylpentane	**1.5**	**J**	1.9	0.40	ug/m3			10/10/17 16:45	2
Benzene	**7.5**		1.3	0.18	ug/m3			10/10/17 16:45	2
1,2-Dichloroethane	ND		1.6	0.28	ug/m3			10/10/17 16:45	2
n-Heptane	**28**		1.6	0.56	ug/m3			10/10/17 16:45	2
Trichloroethene	**3.3**		2.1	0.098	ug/m3			10/10/17 16:45	2
Methyl methacrylate	ND		4.1	0.90	ug/m3			10/10/17 16:45	2
1,2-Dichloropropane	ND		1.8	0.32	ug/m3			10/10/17 16:45	2
1,4-Dioxane	ND		36	5.5	ug/m3			10/10/17 16:45	2
Bromodichloromethane	ND		2.7	0.79	ug/m3			10/10/17 16:45	2
cis-1,3-Dichloropropene	ND		1.8	0.33	ug/m3			10/10/17 16:45	2
methyl isobutyl ketone	**7.9**		4.1	0.53	ug/m3			10/10/17 16:45	2
Toluene	**23**		1.5	0.26	ug/m3			10/10/17 16:45	2
trans-1,3-Dichloropropene	ND		1.8	0.34	ug/m3			10/10/17 16:45	2
1,1,2-Trichloroethane	ND		2.2	0.19	ug/m3			10/10/17 16:45	2

Client Sample ID: SS4

Lab Sample ID: 200-40374-3
Matrix: Air
Date Collected: 10/04/17 18:05
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	30		2.7	0.13	ug/m3			10/10/17 16:45	2
Methyl Butyl Ketone (2-Hexanone)	5.2		4.1	0.70	ug/m3			10/10/17 16:45	2
Dibromochloromethane	ND		3.4	0.29	ug/m3			10/10/17 16:45	2
1,2-Dibromoethane	ND		3.1	0.35	ug/m3			10/10/17 16:45	2
Chlorobenzene	ND		1.8	0.23	ug/m3			10/10/17 16:45	2
Ethylbenzene	2.6		1.7	0.30	ug/m3			10/10/17 16:45	2
m,p-Xylene	10		4.3	0.67	ug/m3			10/10/17 16:45	2
Xylene, o-	3.5		1.7	0.35	ug/m3			10/10/17 16:45	2
Xylene (total)	13		6.1	0.35	ug/m3			10/10/17 16:45	2
Styrene	0.68	J	1.7	0.30	ug/m3			10/10/17 16:45	2
Bromoform	ND		4.1	0.72	ug/m3			10/10/17 16:45	2
Cumene	1.0	J	2.0	0.38	ug/m3			10/10/17 16:45	2
1,1,2,2-Tetrachloroethane	ND		2.7	0.36	ug/m3			10/10/17 16:45	2
n-Propylbenzene	0.89	J	2.0	0.39	ug/m3			10/10/17 16:45	2
4-Ethyltoluene	1.3	J	2.0	0.39	ug/m3			10/10/17 16:45	2
1,3,5-Trimethylbenzene	1.3	J	2.0	0.39	ug/m3			10/10/17 16:45	2
2-Chlorotoluene	ND		2.1	0.36	ug/m3			10/10/17 16:45	2
tert-Butylbenzene	ND		2.2	0.41	ug/m3			10/10/17 16:45	2
1,2,4-Trimethylbenzene	3.7		2.0	0.56	ug/m3			10/10/17 16:45	2
sec-Butylbenzene	ND		2.2	0.41	ug/m3			10/10/17 16:45	2
4-Isopropyltoluene	ND		2.2	0.57	ug/m3			10/10/17 16:45	2
1,3-Dichlorobenzene	ND		2.4	0.60	ug/m3			10/10/17 16:45	2
1,4-Dichlorobenzene	ND		2.4	0.76	ug/m3			10/10/17 16:45	2
Benzyl chloride	ND		2.1	0.69	ug/m3			10/10/17 16:45	2
n-Butylbenzene	ND		2.2	0.75	ug/m3			10/10/17 16:45	2
1,2-Dichlorobenzene	ND		2.4	0.54	ug/m3			10/10/17 16:45	2
1,2,4-Trichlorobenzene	ND		7.4	2.8	ug/m3			10/10/17 16:45	2
Hexachlorobutadiene	ND		4.3	1.4	ug/m3			10/10/17 16:45	2
Naphthalene	ND		5.2	1.0	ug/m3			10/10/17 16:45	2

Client Sample ID: ID4

Lab Sample ID: 200-40374-4
Matrix: Air
Date Collected: 10/04/17 18:05
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50		0.50	0.047	ppb v/v			10/09/17 20:14	1
Freon 22	0.91		0.50	0.20	ppb v/v			10/09/17 20:14	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.041	ppb v/v			10/09/17 20:14	1
Chloromethane	0.49	J	0.50	0.16	ppb v/v			10/09/17 20:14	1
n-Butane	15		0.50	0.046	ppb v/v			10/09/17 20:14	1
Vinyl chloride	ND		0.20	0.018	ppb v/v			10/09/17 20:14	1
1,3-Butadiene	ND		0.20	0.037	ppb v/v			10/09/17 20:14	1
Bromomethane	ND		0.20	0.036	ppb v/v			10/09/17 20:14	1
Chloroethane	ND		0.50	0.13	ppb v/v			10/09/17 20:14	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.022	ppb v/v			10/09/17 20:14	1
Trichlorofluoromethane	0.25		0.20	0.031	ppb v/v			10/09/17 20:14	1
Freon TF	0.078	J	0.20	0.027	ppb v/v			10/09/17 20:14	1

Client Sample ID: ID4
Date Collected: 10/04/17 18:05
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-40374-4
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.035	ppb v/v			10/09/17 20:14	1
Acetone	**7.6**		5.0	1.3	ppb v/v			10/09/17 20:14	1
Isopropyl alcohol	**0.31**	**J**	5.0	0.13	ppb v/v			10/09/17 20:14	1
Carbon disulfide	**0.13**	**J**	0.50	0.028	ppb v/v			10/09/17 20:14	1
3-Chloropropene	ND		0.50	0.063	ppb v/v			10/09/17 20:14	1
Methylene Chloride	**0.088**	**J**	0.50	0.068	ppb v/v			10/09/17 20:14	1
tert-Butyl alcohol	ND		5.0	1.7	ppb v/v			10/09/17 20:14	1
Methyl tert-butyl ether	ND		0.20	0.041	ppb v/v			10/09/17 20:14	1
trans-1,2-Dichloroethene	ND		0.20	0.050	ppb v/v			10/09/17 20:14	1
n-Hexane	**0.52**		0.20	0.046	ppb v/v			10/09/17 20:14	1
1,1-Dichloroethane	ND		0.20	0.017	ppb v/v			10/09/17 20:14	1
Methyl Ethyl Ketone	**1.2**		0.50	0.11	ppb v/v			10/09/17 20:14	1
cis-1,2-Dichloroethene	**1.4**		0.20	0.029	ppb v/v			10/09/17 20:14	1
1,2-Dichloroethene, Total	**1.4**		0.40	0.029	ppb v/v			10/09/17 20:14	1
Chloroform	ND		0.20	0.025	ppb v/v			10/09/17 20:14	1
Tetrahydrofuran	ND		5.0	1.2	ppb v/v			10/09/17 20:14	1
1,1,1-Trichloroethane	**0.026**	**J**	0.20	0.026	ppb v/v			10/09/17 20:14	1
Cyclohexane	**0.057**	**J**	0.20	0.045	ppb v/v			10/09/17 20:14	1
Carbon tetrachloride	**0.072**	**J**	0.20	0.011	ppb v/v			10/09/17 20:14	1
2,2,4-Trimethylpentane	**0.047**	**J**	0.20	0.043	ppb v/v			10/09/17 20:14	1
Benzene	**0.11**	**J**	0.20	0.028	ppb v/v			10/09/17 20:14	1
1,2-Dichloroethane	ND		0.20	0.034	ppb v/v			10/09/17 20:14	1
n-Heptane	**0.14**	**J**	0.20	0.068	ppb v/v			10/09/17 20:14	1
Trichloroethene	**0.65**		0.20	0.0091	ppb v/v			10/09/17 20:14	1
Methyl methacrylate	ND		0.50	0.11	ppb v/v			10/09/17 20:14	1
1,2-Dichloropropane	ND		0.20	0.035	ppb v/v			10/09/17 20:14	1
1,4-Dioxane	ND		5.0	0.76	ppb v/v			10/09/17 20:14	1
Bromodichloromethane	ND		0.20	0.059	ppb v/v			10/09/17 20:14	1
cis-1,3-Dichloropropene	ND		0.20	0.036	ppb v/v			10/09/17 20:14	1
methyl isobutyl ketone	**0.14**	**J**	0.50	0.065	ppb v/v			10/09/17 20:14	1
Toluene	**0.36**		0.20	0.035	ppb v/v			10/09/17 20:14	1
trans-1,3-Dichloropropene	ND		0.20	0.038	ppb v/v			10/09/17 20:14	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			10/09/17 20:14	1
Tetrachloroethene	**3.6**		0.20	0.0098	ppb v/v			10/09/17 20:14	1
Methyl Butyl Ketone (2-Hexanone)	**0.16**	**J**	0.50	0.086	ppb v/v			10/09/17 20:14	1
Dibromochloromethane	ND		0.20	0.017	ppb v/v			10/09/17 20:14	1
1,2-Dibromoethane	ND		0.20	0.023	ppb v/v			10/09/17 20:14	1
Chlorobenzene	ND		0.20	0.025	ppb v/v			10/09/17 20:14	1
Ethylbenzene	**0.074**	**J**	0.20	0.034	ppb v/v			10/09/17 20:14	1
m,p-Xylene	**0.33**	**J**	0.50	0.077	ppb v/v			10/09/17 20:14	1
Xylene, o-	**0.14**	**J**	0.20	0.040	ppb v/v			10/09/17 20:14	1
Xylene (total)	**0.47**	**J**	0.70	0.040	ppb v/v			10/09/17 20:14	1
Styrene	ND		0.20	0.035	ppb v/v			10/09/17 20:14	1
Bromoform	ND		0.20	0.035	ppb v/v			10/09/17 20:14	1
Cumene	ND		0.20	0.039	ppb v/v			10/09/17 20:14	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.026	ppb v/v			10/09/17 20:14	1
n-Propylbenzene	ND		0.20	0.040	ppb v/v			10/09/17 20:14	1
4-Ethyltoluene	**0.063**	**J**	0.20	0.040	ppb v/v			10/09/17 20:14	1

Client Sample ID: ID4
Lab Sample ID: 200-40374-4
Date Collected: 10/04/17 18:05
Matrix: Air
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	0.053	J	0.20	0.040	ppb v/v			10/09/17 20:14	1
2-Chlorotoluene	0.075	J	0.20	0.035	ppb v/v			10/09/17 20:14	1
tert-Butylbenzene	ND		0.20	0.037	ppb v/v			10/09/17 20:14	1
1,2,4-Trimethylbenzene	0.24		0.20	0.057	ppb v/v			10/09/17 20:14	1
sec-Butylbenzene	ND		0.20	0.037	ppb v/v			10/09/17 20:14	1
4-Isopropyltoluene	0.070	J	0.20	0.052	ppb v/v			10/09/17 20:14	1
1,3-Dichlorobenzene	ND		0.20	0.050	ppb v/v			10/09/17 20:14	1
1,4-Dichlorobenzene	0.087	J	0.20	0.063	ppb v/v			10/09/17 20:14	1
Benzyl chloride	ND		0.20	0.067	ppb v/v			10/09/17 20:14	1
n-Butylbenzene	ND		0.20	0.068	ppb v/v			10/09/17 20:14	1
1,2-Dichlorobenzene	ND		0.20	0.045	ppb v/v			10/09/17 20:14	1
1,2,4-Trichlorobenzene	ND		0.50	0.19	ppb v/v			10/09/17 20:14	1
Hexachlorobutadiene	ND		0.20	0.064	ppb v/v			10/09/17 20:14	1
Naphthalene	ND		0.50	0.10	ppb v/v			10/09/17 20:14	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5		2.5	0.23	ug/m3			10/09/17 20:14	1
Freon 22	3.2		1.8	0.71	ug/m3			10/09/17 20:14	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.29	ug/m3			10/09/17 20:14	1
Chloromethane	1.0	J	1.0	0.33	ug/m3			10/09/17 20:14	1
n-Butane	35		1.2	0.11	ug/m3			10/09/17 20:14	1
Vinyl chloride	ND		0.51	0.046	ug/m3			10/09/17 20:14	1
1,3-Butadiene	ND		0.44	0.082	ug/m3			10/09/17 20:14	1
Bromomethane	ND		0.78	0.14	ug/m3			10/09/17 20:14	1
Chloroethane	ND		1.3	0.34	ug/m3			10/09/17 20:14	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.096	ug/m3			10/09/17 20:14	1
Trichlorofluoromethane	1.4		1.1	0.17	ug/m3			10/09/17 20:14	1
Freon TF	0.60	J	1.5	0.21	ug/m3			10/09/17 20:14	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			10/09/17 20:14	1
Acetone	18		12	3.1	ug/m3			10/09/17 20:14	1
Isopropyl alcohol	0.76	J	12	0.32	ug/m3			10/09/17 20:14	1
Carbon disulfide	0.40	J	1.6	0.087	ug/m3			10/09/17 20:14	1
3-Chloropropene	ND		1.6	0.20	ug/m3			10/09/17 20:14	1
Methylene Chloride	0.31	J	1.7	0.24	ug/m3			10/09/17 20:14	1
tert-Butyl alcohol	ND		15	5.2	ug/m3			10/09/17 20:14	1
Methyl tert-butyl ether	ND		0.72	0.15	ug/m3			10/09/17 20:14	1
trans-1,2-Dichloroethene	ND		0.79	0.20	ug/m3			10/09/17 20:14	1
n-Hexane	1.8		0.70	0.16	ug/m3			10/09/17 20:14	1
1,1-Dichloroethane	ND		0.81	0.069	ug/m3			10/09/17 20:14	1
Methyl Ethyl Ketone	3.5		1.5	0.32	ug/m3			10/09/17 20:14	1
cis-1,2-Dichloroethene	5.6		0.79	0.11	ug/m3			10/09/17 20:14	1
1,2-Dichloroethene, Total	5.6		1.6	0.11	ug/m3			10/09/17 20:14	1
Chloroform	ND		0.98	0.12	ug/m3			10/09/17 20:14	1
Tetrahydrofuran	ND		15	3.5	ug/m3			10/09/17 20:14	1
1,1,1-Trichloroethane	0.14	J	1.1	0.14	ug/m3			10/09/17 20:14	1
Cyclohexane	0.20	J	0.69	0.15	ug/m3			10/09/17 20:14	1
Carbon tetrachloride	0.45	J	1.3	0.069	ug/m3			10/09/17 20:14	1
2,2,4-Trimethylpentane	0.22	J	0.93	0.20	ug/m3			10/09/17 20:14	1
Benzene	0.34	J	0.64	0.089	ug/m3			10/09/17 20:14	1

Client Sample ID: ID4
Date Collected: 10/04/17 18:05
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-40374-4
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.81	0.14	ug/m3			10/09/17 20:14	1
n-Heptane	**0.58**	**J**	0.82	0.28	ug/m3			10/09/17 20:14	1
Trichloroethene	**3.5**		1.1	0.049	ug/m3			10/09/17 20:14	1
Methyl methacrylate	ND		2.0	0.45	ug/m3			10/09/17 20:14	1
1,2-Dichloropropane	ND		0.92	0.16	ug/m3			10/09/17 20:14	1
1,4-Dioxane	ND		18	2.7	ug/m3			10/09/17 20:14	1
Bromodichloromethane	ND		1.3	0.40	ug/m3			10/09/17 20:14	1
cis-1,3-Dichloropropene	ND		0.91	0.16	ug/m3			10/09/17 20:14	1
methyl isobutyl ketone	**0.59**	**J**	2.0	0.27	ug/m3			10/09/17 20:14	1
Toluene	**1.3**		0.75	0.13	ug/m3			10/09/17 20:14	1
trans-1,3-Dichloropropene	ND		0.91	0.17	ug/m3			10/09/17 20:14	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			10/09/17 20:14	1
Tetrachloroethene	**25**		1.4	0.066	ug/m3			10/09/17 20:14	1
Methyl Butyl Ketone (2-Hexanone)	**0.64**	**J**	2.0	0.35	ug/m3			10/09/17 20:14	1
Dibromochloromethane	ND		1.7	0.14	ug/m3			10/09/17 20:14	1
1,2-Dibromoethane	ND		1.5	0.18	ug/m3			10/09/17 20:14	1
Chlorobenzene	ND		0.92	0.12	ug/m3			10/09/17 20:14	1
Ethylbenzene	**0.32**	**J**	0.87	0.15	ug/m3			10/09/17 20:14	1
m,p-Xylene	**1.4**	**J**	2.2	0.33	ug/m3			10/09/17 20:14	1
Xylene, o-	**0.59**	**J**	0.87	0.17	ug/m3			10/09/17 20:14	1
Xylene (total)	**2.0**	**J**	3.0	0.17	ug/m3			10/09/17 20:14	1
Styrene	ND		0.85	0.15	ug/m3			10/09/17 20:14	1
Bromoform	ND		2.1	0.36	ug/m3			10/09/17 20:14	1
Cumene	ND		0.98	0.19	ug/m3			10/09/17 20:14	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.18	ug/m3			10/09/17 20:14	1
n-Propylbenzene	ND		0.98	0.20	ug/m3			10/09/17 20:14	1
4-Ethyltoluene	**0.31**	**J**	0.98	0.20	ug/m3			10/09/17 20:14	1
1,3,5-Trimethylbenzene	**0.26**	**J**	0.98	0.20	ug/m3			10/09/17 20:14	1
2-Chlorotoluene	**0.39**	**J**	1.0	0.18	ug/m3			10/09/17 20:14	1
tert-Butylbenzene	ND		1.1	0.20	ug/m3			10/09/17 20:14	1
1,2,4-Trimethylbenzene	**1.2**		0.98	0.28	ug/m3			10/09/17 20:14	1
sec-Butylbenzene	ND		1.1	0.20	ug/m3			10/09/17 20:14	1
4-Isopropyltoluene	**0.39**	**J**	1.1	0.29	ug/m3			10/09/17 20:14	1
1,3-Dichlorobenzene	ND		1.2	0.30	ug/m3			10/09/17 20:14	1
1,4-Dichlorobenzene	**0.52**	**J**	1.2	0.38	ug/m3			10/09/17 20:14	1
Benzyl chloride	ND		1.0	0.35	ug/m3			10/09/17 20:14	1
n-Butylbenzene	ND		1.1	0.37	ug/m3			10/09/17 20:14	1
1,2-Dichlorobenzene	ND		1.2	0.27	ug/m3			10/09/17 20:14	1
1,2,4-Trichlorobenzene	ND		3.7	1.4	ug/m3			10/09/17 20:14	1
Hexachlorobutadiene	ND		2.1	0.68	ug/m3			10/09/17 20:14	1
Naphthalene	ND		2.6	0.52	ug/m3			10/09/17 20:14	1

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-40374-1

Client Sample ID: SS5
Date Collected: 10/04/17 18:20
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-40374-5
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		24	2.2	ppb v/v			10/10/17 17:35	47.85
Freon 22	ND		24	9.6	ppb v/v			10/10/17 17:35	47.85
1,2-Dichlorotetrafluoroethane	ND		9.6	2.0	ppb v/v			10/10/17 17:35	47.85
Chloromethane	ND		24	7.7	ppb v/v			10/10/17 17:35	47.85
n-Butane	**1400**		24	2.2	ppb v/v			10/10/17 17:35	47.85
Vinyl chloride	ND		9.6	0.86	ppb v/v			10/10/17 17:35	47.85
1,3-Butadiene	ND		9.6	1.8	ppb v/v			10/10/17 17:35	47.85
Bromomethane	ND		9.6	1.7	ppb v/v			10/10/17 17:35	47.85
Chloroethane	ND		24	6.2	ppb v/v			10/10/17 17:35	47.85
Bromoethene(Vinyl Bromide)	ND		9.6	1.1	ppb v/v			10/10/17 17:35	47.85
Trichlorofluoromethane	ND		9.6	1.5	ppb v/v			10/10/17 17:35	47.85
Freon TF	ND		9.6	1.3	ppb v/v			10/10/17 17:35	47.85
1,1-Dichloroethene	ND		9.6	1.7	ppb v/v			10/10/17 17:35	47.85
Acetone	**71**	**J**	240	62	ppb v/v			10/10/17 17:35	47.85
Isopropyl alcohol	ND		240	6.2	ppb v/v			10/10/17 17:35	47.85
Carbon disulfide	**6.0**	**J**	24	1.3	ppb v/v			10/10/17 17:35	47.85
3-Chloropropene	ND		24	3.0	ppb v/v			10/10/17 17:35	47.85
Methylene Chloride	ND		24	3.3	ppb v/v			10/10/17 17:35	47.85
tert-Butyl alcohol	ND		240	81	ppb v/v			10/10/17 17:35	47.85
Methyl tert-butyl ether	ND		9.6	2.0	ppb v/v			10/10/17 17:35	47.85
trans-1,2-Dichloroethene	ND		9.6	2.4	ppb v/v			10/10/17 17:35	47.85
n-Hexane	**530**		9.6	2.2	ppb v/v			10/10/17 17:35	47.85
1,1-Dichloroethane	ND		9.6	0.81	ppb v/v			10/10/17 17:35	47.85
Methyl Ethyl Ketone	**7.8**	**J**	24	5.3	ppb v/v			10/10/17 17:35	47.85
cis-1,2-Dichloroethene	ND		9.6	1.4	ppb v/v			10/10/17 17:35	47.85
1,2-Dichloroethene, Total	ND		19	1.4	ppb v/v			10/10/17 17:35	47.85
Chloroform	ND		9.6	1.2	ppb v/v			10/10/17 17:35	47.85
Tetrahydrofuran	ND		240	57	ppb v/v			10/10/17 17:35	47.85
1,1,1-Trichloroethane	ND		9.6	1.2	ppb v/v			10/10/17 17:35	47.85
Cyclohexane	**650**		9.6	2.2	ppb v/v			10/10/17 17:35	47.85
Carbon tetrachloride	ND		9.6	0.53	ppb v/v			10/10/17 17:35	47.85
2,2,4-Trimethylpentane	**4.9**	**J**	9.6	2.1	ppb v/v			10/10/17 17:35	47.85
Benzene	**22**		9.6	1.3	ppb v/v			10/10/17 17:35	47.85
1,2-Dichloroethane	ND		9.6	1.6	ppb v/v			10/10/17 17:35	47.85
n-Heptane	**360**		9.6	3.3	ppb v/v			10/10/17 17:35	47.85
Trichloroethene	**0.84**	**J**	9.6	0.44	ppb v/v			10/10/17 17:35	47.85
Methyl methacrylate	ND		24	5.3	ppb v/v			10/10/17 17:35	47.85
1,2-Dichloropropane	ND		9.6	1.7	ppb v/v			10/10/17 17:35	47.85
1,4-Dioxane	ND		240	36	ppb v/v			10/10/17 17:35	47.85
Bromodichloromethane	ND		9.6	2.8	ppb v/v			10/10/17 17:35	47.85
cis-1,3-Dichloropropene	ND		9.6	1.7	ppb v/v			10/10/17 17:35	47.85
methyl isobutyl ketone	ND		24	3.1	ppb v/v			10/10/17 17:35	47.85
Toluene	**82**		9.6	1.7	ppb v/v			10/10/17 17:35	47.85
trans-1,3-Dichloropropene	ND		9.6	1.8	ppb v/v			10/10/17 17:35	47.85
1,1,2-Trichloroethane	ND		9.6	0.81	ppb v/v			10/10/17 17:35	47.85
Tetrachloroethene	**7.9**	**J**	9.6	0.47	ppb v/v			10/10/17 17:35	47.85
Methyl Butyl Ketone (2-Hexanone)	ND		24	4.1	ppb v/v			10/10/17 17:35	47.85
Dibromochloromethane	ND		9.6	0.81	ppb v/v			10/10/17 17:35	47.85

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-40374-1

Client Sample ID: SS5
Date Collected: 10/04/17 18:20
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-40374-5
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		9.6	1.1	ppb v/v			10/10/17 17:35	47.85
Chlorobenzene	ND		9.6	1.2	ppb v/v			10/10/17 17:35	47.85
Ethylbenzene	**16**		9.6	1.6	ppb v/v			10/10/17 17:35	47.85
m,p-Xylene	**77**		24	3.7	ppb v/v			10/10/17 17:35	47.85
Xylene, o-	**24**		9.6	1.9	ppb v/v			10/10/17 17:35	47.85
Xylene (total)	**100**		33	1.9	ppb v/v			10/10/17 17:35	47.85
Styrene	ND		9.6	1.7	ppb v/v			10/10/17 17:35	47.85
Bromoform	ND		9.6	1.7	ppb v/v			10/10/17 17:35	47.85
Cumene	**4.0**	**J**	9.6	1.9	ppb v/v			10/10/17 17:35	47.85
1,1,2,2-Tetrachloroethane	ND		9.6	1.2	ppb v/v			10/10/17 17:35	47.85
n-Propylbenzene	**3.2**	**J**	9.6	1.9	ppb v/v			10/10/17 17:35	47.85
4-Ethyltoluene	**1.9**	**J**	9.6	1.9	ppb v/v			10/10/17 17:35	47.85
1,3,5-Trimethylbenzene	**4.1**	**J**	9.6	1.9	ppb v/v			10/10/17 17:35	47.85
2-Chlorotoluene	ND		9.6	1.7	ppb v/v			10/10/17 17:35	47.85
tert-Butylbenzene	ND		9.6	1.8	ppb v/v			10/10/17 17:35	47.85
1,2,4-Trimethylbenzene	**3.7**	**J**	9.6	2.7	ppb v/v			10/10/17 17:35	47.85
sec-Butylbenzene	ND		9.6	1.8	ppb v/v			10/10/17 17:35	47.85
4-Isopropyltoluene	ND		9.6	2.5	ppb v/v			10/10/17 17:35	47.85
1,3-Dichlorobenzene	ND		9.6	2.4	ppb v/v			10/10/17 17:35	47.85
1,4-Dichlorobenzene	ND		9.6	3.0	ppb v/v			10/10/17 17:35	47.85
Benzyl chloride	ND		9.6	3.2	ppb v/v			10/10/17 17:35	47.85
n-Butylbenzene	ND		9.6	3.3	ppb v/v			10/10/17 17:35	47.85
1,2-Dichlorobenzene	ND		9.6	2.2	ppb v/v			10/10/17 17:35	47.85
1,2,4-Trichlorobenzene	ND		24	9.1	ppb v/v			10/10/17 17:35	47.85
Hexachlorobutadiene	ND		9.6	3.1	ppb v/v			10/10/17 17:35	47.85
Naphthalene	ND		24	4.8	ppb v/v			10/10/17 17:35	47.85

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		120	11	ug/m3			10/10/17 17:35	47.85
Freon 22	ND		85	34	ug/m3			10/10/17 17:35	47.85
1,2-Dichlorotetrafluoroethane	ND		67	14	ug/m3			10/10/17 17:35	47.85
Chloromethane	ND		49	16	ug/m3			10/10/17 17:35	47.85
n-Butane	**3400**		57	5.2	ug/m3			10/10/17 17:35	47.85
Vinyl chloride	ND		24	2.2	ug/m3			10/10/17 17:35	47.85
1,3-Butadiene	ND		21	3.9	ug/m3			10/10/17 17:35	47.85
Bromomethane	ND		37	6.7	ug/m3			10/10/17 17:35	47.85
Chloroethane	ND		63	16	ug/m3			10/10/17 17:35	47.85
Bromoethene(Vinyl Bromide)	ND		42	4.6	ug/m3			10/10/17 17:35	47.85
Trichlorofluoromethane	ND		54	8.3	ug/m3			10/10/17 17:35	47.85
Freon TF	ND		73	9.9	ug/m3			10/10/17 17:35	47.85
1,1-Dichloroethene	ND		38	6.6	ug/m3			10/10/17 17:35	47.85
Acetone	**170**	**J**	570	150	ug/m3			10/10/17 17:35	47.85
Isopropyl alcohol	ND		590	15	ug/m3			10/10/17 17:35	47.85
Carbon disulfide	**19**	**J**	75	4.2	ug/m3			10/10/17 17:35	47.85
3-Chloropropene	ND		75	9.4	ug/m3			10/10/17 17:35	47.85
Methylene Chloride	ND		83	11	ug/m3			10/10/17 17:35	47.85
tert-Butyl alcohol	ND		730	250	ug/m3			10/10/17 17:35	47.85
Methyl tert-butyl ether	ND		35	7.1	ug/m3			10/10/17 17:35	47.85
trans-1,2-Dichloroethene	ND		38	9.5	ug/m3			10/10/17 17:35	47.85

Client Sample ID: SS5
Lab Sample ID: 200-40374-5
Date Collected: 10/04/17 18:20
Matrix: Air
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Hexane	**1900**		34	7.8	ug/m3			10/10/17 17:35	47.85
1,1-Dichloroethane	ND		39	3.3	ug/m3			10/10/17 17:35	47.85
Methyl Ethyl Ketone	**23**	**J**	71	16	ug/m3			10/10/17 17:35	47.85
cis-1,2-Dichloroethene	ND		38	5.5	ug/m3			10/10/17 17:35	47.85
1,2-Dichloroethene, Total	ND		76	5.5	ug/m3			10/10/17 17:35	47.85
Chloroform	ND		47	5.8	ug/m3			10/10/17 17:35	47.85
Tetrahydrofuran	ND		710	170	ug/m3			10/10/17 17:35	47.85
1,1,1-Trichloroethane	ND		52	6.8	ug/m3			10/10/17 17:35	47.85
Cyclohexane	**2200**		33	7.4	ug/m3			10/10/17 17:35	47.85
Carbon tetrachloride	ND		60	3.3	ug/m3			10/10/17 17:35	47.85
2,2,4-Trimethylpentane	**23**	**J**	45	9.6	ug/m3			10/10/17 17:35	47.85
Benzene	**71**		31	4.3	ug/m3			10/10/17 17:35	47.85
1,2-Dichloroethane	ND		39	6.6	ug/m3			10/10/17 17:35	47.85
n-Heptane	**1500**		39	13	ug/m3			10/10/17 17:35	47.85
Trichloroethene	**4.5**	**J**	51	2.3	ug/m3			10/10/17 17:35	47.85
Methyl methacrylate	ND		98	22	ug/m3			10/10/17 17:35	47.85
1,2-Dichloropropane	ND		44	7.7	ug/m3			10/10/17 17:35	47.85
1,4-Dioxane	ND		860	130	ug/m3			10/10/17 17:35	47.85
Bromodichloromethane	ND		64	19	ug/m3			10/10/17 17:35	47.85
cis-1,3-Dichloropropene	ND		43	7.8	ug/m3			10/10/17 17:35	47.85
methyl isobutyl ketone	ND		98	13	ug/m3			10/10/17 17:35	47.85
Toluene	**310**		36	6.3	ug/m3			10/10/17 17:35	47.85
trans-1,3-Dichloropropene	ND		43	8.3	ug/m3			10/10/17 17:35	47.85
1,1,2-Trichloroethane	ND		52	4.4	ug/m3			10/10/17 17:35	47.85
Tetrachloroethene	**54**	**J**	65	3.2	ug/m3			10/10/17 17:35	47.85
Methyl Butyl Ketone (2-Hexanone)	ND		98	17	ug/m3			10/10/17 17:35	47.85
Dibromochloromethane	ND		82	6.9	ug/m3			10/10/17 17:35	47.85
1,2-Dibromoethane	ND		74	8.5	ug/m3			10/10/17 17:35	47.85
Chlorobenzene	ND		44	5.5	ug/m3			10/10/17 17:35	47.85
Ethylbenzene	**71**		42	7.1	ug/m3			10/10/17 17:35	47.85
m,p-Xylene	**340**		100	16	ug/m3			10/10/17 17:35	47.85
Xylene, o-	**100**		42	8.3	ug/m3			10/10/17 17:35	47.85
Xylene (total)	**440**		150	8.3	ug/m3			10/10/17 17:35	47.85
Styrene	ND		41	7.1	ug/m3			10/10/17 17:35	47.85
Bromoform	ND		99	17	ug/m3			10/10/17 17:35	47.85
Cumene	**20**	**J**	47	9.2	ug/m3			10/10/17 17:35	47.85
1,1,2,2-Tetrachloroethane	ND		66	8.5	ug/m3			10/10/17 17:35	47.85
n-Propylbenzene	**16**	**J**	47	9.4	ug/m3			10/10/17 17:35	47.85
4-Ethyltoluene	**9.1**	**J**	47	9.4	ug/m3			10/10/17 17:35	47.85
1,3,5-Trimethylbenzene	**20**	**J**	47	9.4	ug/m3			10/10/17 17:35	47.85
2-Chlorotoluene	ND		50	8.7	ug/m3			10/10/17 17:35	47.85
tert-Butylbenzene	ND		53	9.7	ug/m3			10/10/17 17:35	47.85
1,2,4-Trimethylbenzene	**18**	**J**	47	13	ug/m3			10/10/17 17:35	47.85
sec-Butylbenzene	ND		53	9.7	ug/m3			10/10/17 17:35	47.85
4-Isopropyltoluene	ND		53	14	ug/m3			10/10/17 17:35	47.85
1,3-Dichlorobenzene	ND		58	14	ug/m3			10/10/17 17:35	47.85
1,4-Dichlorobenzene	ND		58	18	ug/m3			10/10/17 17:35	47.85
Benzyl chloride	ND		50	17	ug/m3			10/10/17 17:35	47.85

Client Sample ID: SS5
Lab Sample ID: 200-40374-5
Date Collected: 10/04/17 18:20
Matrix: Air
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		53	18	ug/m3			10/10/17 17:35	47.85
1,2-Dichlorobenzene	ND		58	13	ug/m3			10/10/17 17:35	47.85
1,2,4-Trichlorobenzene	ND		180	67	ug/m3			10/10/17 17:35	47.85
Hexachlorobutadiene	ND		100	33	ug/m3			10/10/17 17:35	47.85
Naphthalene	ND		130	25	ug/m3			10/10/17 17:35	47.85

Client Sample ID: ID5
Lab Sample ID: 200-40374-6
Date Collected: 10/04/17 18:20
Matrix: Air
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.48**	**J**	0.50	0.047	ppb v/v			10/09/17 21:55	1
Freon 22	**2.2**		0.50	0.20	ppb v/v			10/09/17 21:55	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.041	ppb v/v			10/09/17 21:55	1
Chloromethane	**0.48**	**J**	0.50	0.16	ppb v/v			10/09/17 21:55	1
n-Butane	**26**		0.50	0.046	ppb v/v			10/09/17 21:55	1
Vinyl chloride	ND		0.20	0.018	ppb v/v			10/09/17 21:55	1
1,3-Butadiene	ND		0.20	0.037	ppb v/v			10/09/17 21:55	1
Bromomethane	ND		0.20	0.036	ppb v/v			10/09/17 21:55	1
Chloroethane	ND		0.50	0.13	ppb v/v			10/09/17 21:55	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.022	ppb v/v			10/09/17 21:55	1
Trichlorofluoromethane	**0.23**		0.20	0.031	ppb v/v			10/09/17 21:55	1
Freon TF	**0.076**	**J**	0.20	0.027	ppb v/v			10/09/17 21:55	1
1,1-Dichloroethene	ND		0.20	0.035	ppb v/v			10/09/17 21:55	1
Acetone	**4.3**	**J**	5.0	1.3	ppb v/v			10/09/17 21:55	1
Isopropyl alcohol	**0.35**	**J**	5.0	0.13	ppb v/v			10/09/17 21:55	1
Carbon disulfide	**0.029**	**J**	0.50	0.028	ppb v/v			10/09/17 21:55	1
3-Chloropropene	ND		0.50	0.063	ppb v/v			10/09/17 21:55	1
Methylene Chloride	**0.18**	**J**	0.50	0.068	ppb v/v			10/09/17 21:55	1
tert-Butyl alcohol	ND		5.0	1.7	ppb v/v			10/09/17 21:55	1
Methyl tert-butyl ether	ND		0.20	0.041	ppb v/v			10/09/17 21:55	1
trans-1,2-Dichloroethene	ND		0.20	0.050	ppb v/v			10/09/17 21:55	1
n-Hexane	**0.95**		0.20	0.046	ppb v/v			10/09/17 21:55	1
1,1-Dichloroethane	ND		0.20	0.017	ppb v/v			10/09/17 21:55	1
Methyl Ethyl Ketone	**0.51**		0.50	0.11	ppb v/v			10/09/17 21:55	1
cis-1,2-Dichloroethene	**0.90**		0.20	0.029	ppb v/v			10/09/17 21:55	1
1,2-Dichloroethene, Total	**0.90**		0.40	0.029	ppb v/v			10/09/17 21:55	1
Chloroform	ND		0.20	0.025	ppb v/v			10/09/17 21:55	1
Tetrahydrofuran	ND		5.0	1.2	ppb v/v			10/09/17 21:55	1
1,1,1-Trichloroethane	ND		0.20	0.026	ppb v/v			10/09/17 21:55	1
Cyclohexane	**0.13**	**J**	0.20	0.045	ppb v/v			10/09/17 21:55	1
Carbon tetrachloride	**0.064**	**J**	0.20	0.011	ppb v/v			10/09/17 21:55	1
2,2,4-Trimethylpentane	**0.070**	**J**	0.20	0.043	ppb v/v			10/09/17 21:55	1
Benzene	**0.11**	**J**	0.20	0.028	ppb v/v			10/09/17 21:55	1
1,2-Dichloroethane	ND		0.20	0.034	ppb v/v			10/09/17 21:55	1
n-Heptane	**0.25**		0.20	0.068	ppb v/v			10/09/17 21:55	1
Trichloroethene	**0.45**		0.20	0.0091	ppb v/v			10/09/17 21:55	1

Client Sample ID: ID5
Date Collected: 10/04/17 18:20
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-40374-6
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl methacrylate	ND		0.50	0.11	ppb v/v			10/09/17 21:55	1
1,2-Dichloropropane	ND		0.20	0.035	ppb v/v			10/09/17 21:55	1
1,4-Dioxane	ND		5.0	0.76	ppb v/v			10/09/17 21:55	1
Bromodichloromethane	ND		0.20	0.059	ppb v/v			10/09/17 21:55	1
cis-1,3-Dichloropropene	ND		0.20	0.036	ppb v/v			10/09/17 21:55	1
methyl isobutyl ketone	ND		0.50	0.065	ppb v/v			10/09/17 21:55	1
Toluene	**0.25**		0.20	0.035	ppb v/v			10/09/17 21:55	1
trans-1,3-Dichloropropene	ND		0.20	0.038	ppb v/v			10/09/17 21:55	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			10/09/17 21:55	1
Tetrachloroethene	**2.1**		0.20	0.0098	ppb v/v			10/09/17 21:55	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.086	ppb v/v			10/09/17 21:55	1
Dibromochloromethane	ND		0.20	0.017	ppb v/v			10/09/17 21:55	1
1,2-Dibromoethane	ND		0.20	0.023	ppb v/v			10/09/17 21:55	1
Chlorobenzene	ND		0.20	0.025	ppb v/v			10/09/17 21:55	1
Ethylbenzene	**0.043**	**J**	0.20	0.034	ppb v/v			10/09/17 21:55	1
m,p-Xylene	**0.15**	**J**	0.50	0.077	ppb v/v			10/09/17 21:55	1
Xylene, o-	**0.066**	**J**	0.20	0.040	ppb v/v			10/09/17 21:55	1
Xylene (total)	**0.22**	**J**	0.70	0.040	ppb v/v			10/09/17 21:55	1
Styrene	ND		0.20	0.035	ppb v/v			10/09/17 21:55	1
Bromoform	ND		0.20	0.035	ppb v/v			10/09/17 21:55	1
Cumene	ND		0.20	0.039	ppb v/v			10/09/17 21:55	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.026	ppb v/v			10/09/17 21:55	1
n-Propylbenzene	ND		0.20	0.040	ppb v/v			10/09/17 21:55	1
4-Ethyltoluene	ND		0.20	0.040	ppb v/v			10/09/17 21:55	1
1,3,5-Trimethylbenzene	**0.040**	**J**	0.20	0.040	ppb v/v			10/09/17 21:55	1
2-Chlorotoluene	ND		0.20	0.035	ppb v/v			10/09/17 21:55	1
tert-Butylbenzene	ND		0.20	0.037	ppb v/v			10/09/17 21:55	1
1,2,4-Trimethylbenzene	**0.12**	**J**	0.20	0.057	ppb v/v			10/09/17 21:55	1
sec-Butylbenzene	ND		0.20	0.037	ppb v/v			10/09/17 21:55	1
4-Isopropyltoluene	ND		0.20	0.052	ppb v/v			10/09/17 21:55	1
1,3-Dichlorobenzene	ND		0.20	0.050	ppb v/v			10/09/17 21:55	1
1,4-Dichlorobenzene	ND		0.20	0.063	ppb v/v			10/09/17 21:55	1
Benzyl chloride	ND		0.20	0.067	ppb v/v			10/09/17 21:55	1
n-Butylbenzene	ND		0.20	0.068	ppb v/v			10/09/17 21:55	1
1,2-Dichlorobenzene	ND		0.20	0.045	ppb v/v			10/09/17 21:55	1
1,2,4-Trichlorobenzene	ND		0.50	0.19	ppb v/v			10/09/17 21:55	1
Hexachlorobutadiene	ND		0.20	0.064	ppb v/v			10/09/17 21:55	1
Naphthalene	ND		0.50	0.10	ppb v/v			10/09/17 21:55	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.4**	**J**	2.5	0.23	ug/m3			10/09/17 21:55	1
Freon 22	**7.9**		1.8	0.71	ug/m3			10/09/17 21:55	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.29	ug/m3			10/09/17 21:55	1
Chloromethane	**0.99**	**J**	1.0	0.33	ug/m3			10/09/17 21:55	1
n-Butane	**63**		1.2	0.11	ug/m3			10/09/17 21:55	1
Vinyl chloride	ND		0.51	0.046	ug/m3			10/09/17 21:55	1
1,3-Butadiene	ND		0.44	0.082	ug/m3			10/09/17 21:55	1
Bromomethane	ND		0.78	0.14	ug/m3			10/09/17 21:55	1
Chloroethane	ND		1.3	0.34	ug/m3			10/09/17 21:55	1

Client Sample ID: ID5
Lab Sample ID: 200-40374-6
Date Collected: 10/04/17 18:20
Matrix: Air
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoethene(Vinyl Bromide)	ND		0.87	0.096	ug/m3			10/09/17 21:55	1
Trichlorofluoromethane	**1.3**		1.1	0.17	ug/m3			10/09/17 21:55	1
Freon TF	**0.58**	**J**	1.5	0.21	ug/m3			10/09/17 21:55	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			10/09/17 21:55	1
Acetone	**10**	**J**	12	3.1	ug/m3			10/09/17 21:55	1
Isopropyl alcohol	**0.85**	**J**	12	0.32	ug/m3			10/09/17 21:55	1
Carbon disulfide	**0.089**	**J**	1.6	0.087	ug/m3			10/09/17 21:55	1
3-Chloropropene	ND		1.6	0.20	ug/m3			10/09/17 21:55	1
Methylene Chloride	**0.61**	**J**	1.7	0.24	ug/m3			10/09/17 21:55	1
tert-Butyl alcohol	ND		15	5.2	ug/m3			10/09/17 21:55	1
Methyl tert-butyl ether	ND		0.72	0.15	ug/m3			10/09/17 21:55	1
trans-1,2-Dichloroethene	ND		0.79	0.20	ug/m3			10/09/17 21:55	1
n-Hexane	**3.4**		0.70	0.16	ug/m3			10/09/17 21:55	1
1,1-Dichloroethane	ND		0.81	0.069	ug/m3			10/09/17 21:55	1
Methyl Ethyl Ketone	**1.5**		1.5	0.32	ug/m3			10/09/17 21:55	1
cis-1,2-Dichloroethene	**3.6**		0.79	0.11	ug/m3			10/09/17 21:55	1
1,2-Dichloroethene, Total	**3.6**		1.6	0.11	ug/m3			10/09/17 21:55	1
Chloroform	ND		0.98	0.12	ug/m3			10/09/17 21:55	1
Tetrahydrofuran	ND		15	3.5	ug/m3			10/09/17 21:55	1
1,1,1-Trichloroethane	ND		1.1	0.14	ug/m3			10/09/17 21:55	1
Cyclohexane	**0.44**	**J**	0.69	0.15	ug/m3			10/09/17 21:55	1
Carbon tetrachloride	**0.40**	**J**	1.3	0.069	ug/m3			10/09/17 21:55	1
2,2,4-Trimethylpentane	**0.33**	**J**	0.93	0.20	ug/m3			10/09/17 21:55	1
Benzene	**0.35**	**J**	0.64	0.089	ug/m3			10/09/17 21:55	1
1,2-Dichloroethane	ND		0.81	0.14	ug/m3			10/09/17 21:55	1
n-Heptane	**1.0**		0.82	0.28	ug/m3			10/09/17 21:55	1
Trichloroethene	**2.4**		1.1	0.049	ug/m3			10/09/17 21:55	1
Methyl methacrylate	ND		2.0	0.45	ug/m3			10/09/17 21:55	1
1,2-Dichloropropane	ND		0.92	0.16	ug/m3			10/09/17 21:55	1
1,4-Dioxane	ND		18	2.7	ug/m3			10/09/17 21:55	1
Bromodichloromethane	ND		1.3	0.40	ug/m3			10/09/17 21:55	1
cis-1,3-Dichloropropene	ND		0.91	0.16	ug/m3			10/09/17 21:55	1
methyl isobutyl ketone	ND		2.0	0.27	ug/m3			10/09/17 21:55	1
Toluene	**0.95**		0.75	0.13	ug/m3			10/09/17 21:55	1
trans-1,3-Dichloropropene	ND		0.91	0.17	ug/m3			10/09/17 21:55	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			10/09/17 21:55	1
Tetrachloroethene	**15**		1.4	0.066	ug/m3			10/09/17 21:55	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.35	ug/m3			10/09/17 21:55	1
Dibromochloromethane	ND		1.7	0.14	ug/m3			10/09/17 21:55	1
1,2-Dibromoethane	ND		1.5	0.18	ug/m3			10/09/17 21:55	1
Chlorobenzene	ND		0.92	0.12	ug/m3			10/09/17 21:55	1
Ethylbenzene	**0.19**	**J**	0.87	0.15	ug/m3			10/09/17 21:55	1
m,p-Xylene	**0.66**	**J**	2.2	0.33	ug/m3			10/09/17 21:55	1
Xylene, o-	**0.29**	**J**	0.87	0.17	ug/m3			10/09/17 21:55	1
Xylene (total)	**0.94**	**J**	3.0	0.17	ug/m3			10/09/17 21:55	1
Styrene	ND		0.85	0.15	ug/m3			10/09/17 21:55	1
Bromoform	ND		2.1	0.36	ug/m3			10/09/17 21:55	1
Cumene	ND		0.98	0.19	ug/m3			10/09/17 21:55	1

Client Sample ID: ID5

Lab Sample ID: 200-40374-6

Date Collected: 10/04/17 18:20
Matrix: Air
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.4	0.18	ug/m3			10/09/17 21:55	1
n-Propylbenzene	ND		0.98	0.20	ug/m3			10/09/17 21:55	1
4-Ethyltoluene	ND		0.98	0.20	ug/m3			10/09/17 21:55	1
1,3,5-Trimethylbenzene	**0.20**	**J**	0.98	0.20	ug/m3			10/09/17 21:55	1
2-Chlorotoluene	ND		1.0	0.18	ug/m3			10/09/17 21:55	1
tert-Butylbenzene	ND		1.1	0.20	ug/m3			10/09/17 21:55	1
1,2,4-Trimethylbenzene	**0.60**	**J**	0.98	0.28	ug/m3			10/09/17 21:55	1
sec-Butylbenzene	ND		1.1	0.20	ug/m3			10/09/17 21:55	1
4-Isopropyltoluene	ND		1.1	0.29	ug/m3			10/09/17 21:55	1
1,3-Dichlorobenzene	ND		1.2	0.30	ug/m3			10/09/17 21:55	1
1,4-Dichlorobenzene	ND		1.2	0.38	ug/m3			10/09/17 21:55	1
Benzyl chloride	ND		1.0	0.35	ug/m3			10/09/17 21:55	1
n-Butylbenzene	ND		1.1	0.37	ug/m3			10/09/17 21:55	1
1,2-Dichlorobenzene	ND		1.2	0.27	ug/m3			10/09/17 21:55	1
1,2,4-Trichlorobenzene	ND		3.7	1.4	ug/m3			10/09/17 21:55	1
Hexachlorobutadiene	ND		2.1	0.68	ug/m3			10/09/17 21:55	1
Naphthalene	ND		2.6	0.52	ug/m3			10/09/17 21:55	1

Client Sample ID: OD2

Lab Sample ID: 200-40374-7

Date Collected: 10/04/17 18:25
Matrix: Air
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.47**	**J**	0.50	0.047	ppb v/v			10/09/17 22:45	1
Freon 22	**0.27**	**J**	0.50	0.20	ppb v/v			10/09/17 22:45	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.041	ppb v/v			10/09/17 22:45	1
Chloromethane	**0.52**		0.50	0.16	ppb v/v			10/09/17 22:45	1
n-Butane	**0.59**		0.50	0.046	ppb v/v			10/09/17 22:45	1
Vinyl chloride	ND		0.20	0.018	ppb v/v			10/09/17 22:45	1
1,3-Butadiene	ND		0.20	0.037	ppb v/v			10/09/17 22:45	1
Bromomethane	ND		0.20	0.036	ppb v/v			10/09/17 22:45	1
Chloroethane	ND		0.50	0.13	ppb v/v			10/09/17 22:45	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.022	ppb v/v			10/09/17 22:45	1
Trichlorofluoromethane	**0.22**		0.20	0.031	ppb v/v			10/09/17 22:45	1
Freon TF	**0.073**	**J**	0.20	0.027	ppb v/v			10/09/17 22:45	1
1,1-Dichloroethene	ND		0.20	0.035	ppb v/v			10/09/17 22:45	1
Acetone	**11**		5.0	1.3	ppb v/v			10/09/17 22:45	1
Isopropyl alcohol	**0.38**	**J**	5.0	0.13	ppb v/v			10/09/17 22:45	1
Carbon disulfide	**0.037**	**J**	0.50	0.028	ppb v/v			10/09/17 22:45	1
3-Chloropropene	ND		0.50	0.063	ppb v/v			10/09/17 22:45	1
Methylene Chloride	**0.097**	**J**	0.50	0.068	ppb v/v			10/09/17 22:45	1
tert-Butyl alcohol	ND		5.0	1.7	ppb v/v			10/09/17 22:45	1
Methyl tert-butyl ether	ND		0.20	0.041	ppb v/v			10/09/17 22:45	1
trans-1,2-Dichloroethene	ND		0.20	0.050	ppb v/v			10/09/17 22:45	1
n-Hexane	ND		0.20	0.046	ppb v/v			10/09/17 22:45	1
1,1-Dichloroethane	ND		0.20	0.017	ppb v/v			10/09/17 22:45	1
Methyl Ethyl Ketone	**1.9**		0.50	0.11	ppb v/v			10/09/17 22:45	1

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-40374-1

Client Sample ID: OD2
Date Collected: 10/04/17 18:25
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-40374-7
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			10/09/17 22:45	1
1,2-Dichloroethene, Total	ND		0.40	0.029	ppb v/v			10/09/17 22:45	1
Chloroform	ND		0.20	0.025	ppb v/v			10/09/17 22:45	1
Tetrahydrofuran	ND		5.0	1.2	ppb v/v			10/09/17 22:45	1
1,1,1-Trichloroethane	ND		0.20	0.026	ppb v/v			10/09/17 22:45	1
Cyclohexane	ND		0.20	0.045	ppb v/v			10/09/17 22:45	1
Carbon tetrachloride	**0.064**	**J**	0.20	0.011	ppb v/v			10/09/17 22:45	1
2,2,4-Trimethylpentane	ND		0.20	0.043	ppb v/v			10/09/17 22:45	1
Benzene	**0.087**	**J**	0.20	0.028	ppb v/v			10/09/17 22:45	1
1,2-Dichloroethane	ND		0.20	0.034	ppb v/v			10/09/17 22:45	1
n-Heptane	ND		0.20	0.068	ppb v/v			10/09/17 22:45	1
Trichloroethene	ND		0.20	0.0091	ppb v/v			10/09/17 22:45	1
Methyl methacrylate	ND		0.50	0.11	ppb v/v			10/09/17 22:45	1
1,2-Dichloropropane	ND		0.20	0.035	ppb v/v			10/09/17 22:45	1
1,4-Dioxane	ND		5.0	0.76	ppb v/v			10/09/17 22:45	1
Bromodichloromethane	ND		0.20	0.059	ppb v/v			10/09/17 22:45	1
cis-1,3-Dichloropropene	ND		0.20	0.036	ppb v/v			10/09/17 22:45	1
methyl isobutyl ketone	**0.077**	**J**	0.50	0.065	ppb v/v			10/09/17 22:45	1
Toluene	**0.14**	**J**	0.20	0.035	ppb v/v			10/09/17 22:45	1
trans-1,3-Dichloropropene	ND		0.20	0.038	ppb v/v			10/09/17 22:45	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			10/09/17 22:45	1
Tetrachloroethene	**0.017**	**J**	0.20	0.0098	ppb v/v			10/09/17 22:45	1
Methyl Butyl Ketone (2-Hexanone)	**0.31**	**J**	0.50	0.086	ppb v/v			10/09/17 22:45	1
Dibromochloromethane	ND		0.20	0.017	ppb v/v			10/09/17 22:45	1
1,2-Dibromoethane	ND		0.20	0.023	ppb v/v			10/09/17 22:45	1
Chlorobenzene	ND		0.20	0.025	ppb v/v			10/09/17 22:45	1
Ethylbenzene	ND		0.20	0.034	ppb v/v			10/09/17 22:45	1
m,p-Xylene	**0.093**	**J**	0.50	0.077	ppb v/v			10/09/17 22:45	1
Xylene, o-	ND		0.20	0.040	ppb v/v			10/09/17 22:45	1
Xylene (total)	**0.093**	**J**	0.70	0.040	ppb v/v			10/09/17 22:45	1
Styrene	ND		0.20	0.035	ppb v/v			10/09/17 22:45	1
Bromoform	ND		0.20	0.035	ppb v/v			10/09/17 22:45	1
Cumene	ND		0.20	0.039	ppb v/v			10/09/17 22:45	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.026	ppb v/v			10/09/17 22:45	1
n-Propylbenzene	ND		0.20	0.040	ppb v/v			10/09/17 22:45	1
4-Ethyltoluene	ND		0.20	0.040	ppb v/v			10/09/17 22:45	1
1,3,5-Trimethylbenzene	ND		0.20	0.040	ppb v/v			10/09/17 22:45	1
2-Chlorotoluene	ND		0.20	0.035	ppb v/v			10/09/17 22:45	1
tert-Butylbenzene	ND		0.20	0.037	ppb v/v			10/09/17 22:45	1
1,2,4-Trimethylbenzene	ND		0.20	0.057	ppb v/v			10/09/17 22:45	1
sec-Butylbenzene	ND		0.20	0.037	ppb v/v			10/09/17 22:45	1
4-Isopropyltoluene	ND		0.20	0.052	ppb v/v			10/09/17 22:45	1
1,3-Dichlorobenzene	ND		0.20	0.050	ppb v/v			10/09/17 22:45	1
1,4-Dichlorobenzene	ND		0.20	0.063	ppb v/v			10/09/17 22:45	1
Benzyl chloride	ND		0.20	0.067	ppb v/v			10/09/17 22:45	1
n-Butylbenzene	ND		0.20	0.068	ppb v/v			10/09/17 22:45	1
1,2-Dichlorobenzene	ND		0.20	0.045	ppb v/v			10/09/17 22:45	1
1,2,4-Trichlorobenzene	ND		0.50	0.19	ppb v/v			10/09/17 22:45	1

Client Sample ID: OD2
Lab Sample ID: 200-40374-7
Date Collected: 10/04/17 18:25
Matrix: Air
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		0.20	0.064	ppb v/v			10/09/17 22:45	1
Naphthalene	ND		0.50	0.10	ppb v/v			10/09/17 22:45	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.23	ug/m3			10/09/17 22:45	1
Freon 22	**0.97**	**J**	1.8	0.71	ug/m3			10/09/17 22:45	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.29	ug/m3			10/09/17 22:45	1
Chloromethane	**1.1**		1.0	0.33	ug/m3			10/09/17 22:45	1
n-Butane	**1.4**		1.2	0.11	ug/m3			10/09/17 22:45	1
Vinyl chloride	ND		0.51	0.046	ug/m3			10/09/17 22:45	1
1,3-Butadiene	ND		0.44	0.082	ug/m3			10/09/17 22:45	1
Bromomethane	ND		0.78	0.14	ug/m3			10/09/17 22:45	1
Chloroethane	ND		1.3	0.34	ug/m3			10/09/17 22:45	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.096	ug/m3			10/09/17 22:45	1
Trichlorofluoromethane	**1.3**		1.1	0.17	ug/m3			10/09/17 22:45	1
Freon TF	**0.56**	**J**	1.5	0.21	ug/m3			10/09/17 22:45	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			10/09/17 22:45	1
Acetone	**26**		12	3.1	ug/m3			10/09/17 22:45	1
Isopropyl alcohol	**0.94**	**J**	12	0.32	ug/m3			10/09/17 22:45	1
Carbon disulfide	**0.11**	**J**	1.6	0.087	ug/m3			10/09/17 22:45	1
3-Chloropropene	ND		1.6	0.20	ug/m3			10/09/17 22:45	1
Methylene Chloride	**0.34**	**J**	1.7	0.24	ug/m3			10/09/17 22:45	1
tert-Butyl alcohol	ND		15	5.2	ug/m3			10/09/17 22:45	1
Methyl tert-butyl ether	ND		0.72	0.15	ug/m3			10/09/17 22:45	1
trans-1,2-Dichloroethene	ND		0.79	0.20	ug/m3			10/09/17 22:45	1
n-Hexane	ND		0.70	0.16	ug/m3			10/09/17 22:45	1
1,1-Dichloroethane	ND		0.81	0.069	ug/m3			10/09/17 22:45	1
Methyl Ethyl Ketone	**5.7**		1.5	0.32	ug/m3			10/09/17 22:45	1
cis-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			10/09/17 22:45	1
1,2-Dichloroethene, Total	ND		1.6	0.11	ug/m3			10/09/17 22:45	1
Chloroform	ND		0.98	0.12	ug/m3			10/09/17 22:45	1
Tetrahydrofuran	ND		15	3.5	ug/m3			10/09/17 22:45	1
1,1,1-Trichloroethane	ND		1.1	0.14	ug/m3			10/09/17 22:45	1
Cyclohexane	ND		0.69	0.15	ug/m3			10/09/17 22:45	1
Carbon tetrachloride	**0.40**	**J**	1.3	0.069	ug/m3			10/09/17 22:45	1
2,2,4-Trimethylpentane	ND		0.93	0.20	ug/m3			10/09/17 22:45	1
Benzene	**0.28**	**J**	0.64	0.089	ug/m3			10/09/17 22:45	1
1,2-Dichloroethane	ND		0.81	0.14	ug/m3			10/09/17 22:45	1
n-Heptane	ND		0.82	0.28	ug/m3			10/09/17 22:45	1
Trichloroethene	ND		1.1	0.049	ug/m3			10/09/17 22:45	1
Methyl methacrylate	ND		2.0	0.45	ug/m3			10/09/17 22:45	1
1,2-Dichloropropane	ND		0.92	0.16	ug/m3			10/09/17 22:45	1
1,4-Dioxane	ND		18	2.7	ug/m3			10/09/17 22:45	1
Bromodichloromethane	ND		1.3	0.40	ug/m3			10/09/17 22:45	1
cis-1,3-Dichloropropene	ND		0.91	0.16	ug/m3			10/09/17 22:45	1
methyl isobutyl ketone	**0.32**	**J**	2.0	0.27	ug/m3			10/09/17 22:45	1
Toluene	**0.54**	**J**	0.75	0.13	ug/m3			10/09/17 22:45	1
trans-1,3-Dichloropropene	ND		0.91	0.17	ug/m3			10/09/17 22:45	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			10/09/17 22:45	1

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-40374-1

Client Sample ID: OD2
Date Collected: 10/04/17 18:25
Date Received: 10/06/17 09:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-40374-7
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.11**	**J**	1.4	0.066	ug/m3			10/09/17 22:45	1
Methyl Butyl Ketone (2-Hexanone)	**1.3**	**J**	2.0	0.35	ug/m3			10/09/17 22:45	1
Dibromochloromethane	ND		1.7	0.14	ug/m3			10/09/17 22:45	1
1,2-Dibromoethane	ND		1.5	0.18	ug/m3			10/09/17 22:45	1
Chlorobenzene	ND		0.92	0.12	ug/m3			10/09/17 22:45	1
Ethylbenzene	ND		0.87	0.15	ug/m3			10/09/17 22:45	1
m,p-Xylene	**0.41**	**J**	2.2	0.33	ug/m3			10/09/17 22:45	1
Xylene, o-	ND		0.87	0.17	ug/m3			10/09/17 22:45	1
Xylene (total)	**0.40**	**J**	3.0	0.17	ug/m3			10/09/17 22:45	1
Styrene	ND		0.85	0.15	ug/m3			10/09/17 22:45	1
Bromoform	ND		2.1	0.36	ug/m3			10/09/17 22:45	1
Cumene	ND		0.98	0.19	ug/m3			10/09/17 22:45	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.18	ug/m3			10/09/17 22:45	1
n-Propylbenzene	ND		0.98	0.20	ug/m3			10/09/17 22:45	1
4-Ethyltoluene	ND		0.98	0.20	ug/m3			10/09/17 22:45	1
1,3,5-Trimethylbenzene	ND		0.98	0.20	ug/m3			10/09/17 22:45	1
2-Chlorotoluene	ND		1.0	0.18	ug/m3			10/09/17 22:45	1
tert-Butylbenzene	ND		1.1	0.20	ug/m3			10/09/17 22:45	1
1,2,4-Trimethylbenzene	ND		0.98	0.28	ug/m3			10/09/17 22:45	1
sec-Butylbenzene	ND		1.1	0.20	ug/m3			10/09/17 22:45	1
4-Isopropyltoluene	ND		1.1	0.29	ug/m3			10/09/17 22:45	1
1,3-Dichlorobenzene	ND		1.2	0.30	ug/m3			10/09/17 22:45	1
1,4-Dichlorobenzene	ND		1.2	0.38	ug/m3			10/09/17 22:45	1
Benzyl chloride	ND		1.0	0.35	ug/m3			10/09/17 22:45	1
n-Butylbenzene	ND		1.1	0.37	ug/m3			10/09/17 22:45	1
1,2-Dichlorobenzene	ND		1.2	0.27	ug/m3			10/09/17 22:45	1
1,2,4-Trichlorobenzene	ND		3.7	1.4	ug/m3			10/09/17 22:45	1
Hexachlorobutadiene	ND		2.1	0.68	ug/m3			10/09/17 22:45	1
Naphthalene	ND		2.6	0.52	ug/m3			10/09/17 22:45	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-121899/4
Matrix: Air
Analysis Batch: 121899

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.047	ppb v/v			10/09/17 13:30	1
Freon 22	ND		0.50	0.20	ppb v/v			10/09/17 13:30	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.041	ppb v/v			10/09/17 13:30	1
Chloromethane	ND		0.50	0.16	ppb v/v			10/09/17 13:30	1
n-Butane	ND		0.50	0.046	ppb v/v			10/09/17 13:30	1
Vinyl chloride	ND		0.20	0.018	ppb v/v			10/09/17 13:30	1
1,3-Butadiene	ND		0.20	0.037	ppb v/v			10/09/17 13:30	1
Bromomethane	ND		0.20	0.036	ppb v/v			10/09/17 13:30	1
Chloroethane	ND		0.50	0.13	ppb v/v			10/09/17 13:30	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.022	ppb v/v			10/09/17 13:30	1
Trichlorofluoromethane	ND		0.20	0.031	ppb v/v			10/09/17 13:30	1
Freon TF	ND		0.20	0.027	ppb v/v			10/09/17 13:30	1
1,1-Dichloroethene	ND		0.20	0.035	ppb v/v			10/09/17 13:30	1
Acetone	ND		5.0	1.3	ppb v/v			10/09/17 13:30	1
Isopropyl alcohol	ND		5.0	0.13	ppb v/v			10/09/17 13:30	1
Carbon disulfide	ND		0.50	0.028	ppb v/v			10/09/17 13:30	1
3-Chloropropene	ND		0.50	0.063	ppb v/v			10/09/17 13:30	1
Methylene Chloride	ND		0.50	0.068	ppb v/v			10/09/17 13:30	1
tert-Butyl alcohol	ND		5.0	1.7	ppb v/v			10/09/17 13:30	1
Methyl tert-butyl ether	ND		0.20	0.041	ppb v/v			10/09/17 13:30	1
trans-1,2-Dichloroethene	ND		0.20	0.050	ppb v/v			10/09/17 13:30	1
n-Hexane	ND		0.20	0.046	ppb v/v			10/09/17 13:30	1
1,1-Dichloroethane	ND		0.20	0.017	ppb v/v			10/09/17 13:30	1
Methyl Ethyl Ketone	ND		0.50	0.11	ppb v/v			10/09/17 13:30	1
cis-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			10/09/17 13:30	1
1,2-Dichloroethene, Total	ND		0.40	0.029	ppb v/v			10/09/17 13:30	1
Chloroform	ND		0.20	0.025	ppb v/v			10/09/17 13:30	1
Tetrahydrofuran	ND		5.0	1.2	ppb v/v			10/09/17 13:30	1
1,1,1-Trichloroethane	ND		0.20	0.026	ppb v/v			10/09/17 13:30	1
Cyclohexane	ND		0.20	0.045	ppb v/v			10/09/17 13:30	1
Carbon tetrachloride	ND		0.20	0.011	ppb v/v			10/09/17 13:30	1
2,2,4-Trimethylpentane	ND		0.20	0.043	ppb v/v			10/09/17 13:30	1
Benzene	ND		0.20	0.028	ppb v/v			10/09/17 13:30	1
1,2-Dichloroethane	ND		0.20	0.034	ppb v/v			10/09/17 13:30	1
n-Heptane	ND		0.20	0.068	ppb v/v			10/09/17 13:30	1
Trichloroethene	ND		0.20	0.0091	ppb v/v			10/09/17 13:30	1
Methyl methacrylate	ND		0.50	0.11	ppb v/v			10/09/17 13:30	1
1,2-Dichloropropane	ND		0.20	0.035	ppb v/v			10/09/17 13:30	1
1,4-Dioxane	ND		5.0	0.76	ppb v/v			10/09/17 13:30	1
Bromodichloromethane	ND		0.20	0.059	ppb v/v			10/09/17 13:30	1
cis-1,3-Dichloropropene	ND		0.20	0.036	ppb v/v			10/09/17 13:30	1
methyl isobutyl ketone	ND		0.50	0.065	ppb v/v			10/09/17 13:30	1
Toluene	ND		0.20	0.035	ppb v/v			10/09/17 13:30	1
trans-1,3-Dichloropropene	ND		0.20	0.038	ppb v/v			10/09/17 13:30	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			10/09/17 13:30	1
Tetrachloroethene	ND		0.20	0.0098	ppb v/v			10/09/17 13:30	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.086	ppb v/v			10/09/17 13:30	1
Dibromochloromethane	ND		0.20	0.017	ppb v/v			10/09/17 13:30	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-121899/4
Matrix: Air
Analysis Batch: 121899

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.20	0.023	ppb v/v			10/09/17 13:30	1
Chlorobenzene	ND		0.20	0.025	ppb v/v			10/09/17 13:30	1
Ethylbenzene	ND		0.20	0.034	ppb v/v			10/09/17 13:30	1
m,p-Xylene	ND		0.50	0.077	ppb v/v			10/09/17 13:30	1
Xylene, o-	ND		0.20	0.040	ppb v/v			10/09/17 13:30	1
Xylene (total)	ND		0.70	0.040	ppb v/v			10/09/17 13:30	1
Styrene	ND		0.20	0.035	ppb v/v			10/09/17 13:30	1
Bromoform	ND		0.20	0.035	ppb v/v			10/09/17 13:30	1
Cumene	ND		0.20	0.039	ppb v/v			10/09/17 13:30	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.026	ppb v/v			10/09/17 13:30	1
n-Propylbenzene	ND		0.20	0.040	ppb v/v			10/09/17 13:30	1
4-Ethyltoluene	ND		0.20	0.040	ppb v/v			10/09/17 13:30	1
1,3,5-Trimethylbenzene	ND		0.20	0.040	ppb v/v			10/09/17 13:30	1
2-Chlorotoluene	ND		0.20	0.035	ppb v/v			10/09/17 13:30	1
tert-Butylbenzene	ND		0.20	0.037	ppb v/v			10/09/17 13:30	1
1,2,4-Trimethylbenzene	ND		0.20	0.057	ppb v/v			10/09/17 13:30	1
sec-Butylbenzene	ND		0.20	0.037	ppb v/v			10/09/17 13:30	1
4-Isopropyltoluene	ND		0.20	0.052	ppb v/v			10/09/17 13:30	1
1,3-Dichlorobenzene	ND		0.20	0.050	ppb v/v			10/09/17 13:30	1
1,4-Dichlorobenzene	ND		0.20	0.063	ppb v/v			10/09/17 13:30	1
Benzyl chloride	ND		0.20	0.067	ppb v/v			10/09/17 13:30	1
n-Butylbenzene	ND		0.20	0.068	ppb v/v			10/09/17 13:30	1
1,2-Dichlorobenzene	ND		0.20	0.045	ppb v/v			10/09/17 13:30	1
1,2,4-Trichlorobenzene	ND		0.50	0.19	ppb v/v			10/09/17 13:30	1
Hexachlorobutadiene	ND		0.20	0.064	ppb v/v			10/09/17 13:30	1
Naphthalene	ND		0.50	0.10	ppb v/v			10/09/17 13:30	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	0.23	ug/m3			10/09/17 13:30	1
Freon 22	ND		1.8	0.71	ug/m3			10/09/17 13:30	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.29	ug/m3			10/09/17 13:30	1
Chloromethane	ND		1.0	0.33	ug/m3			10/09/17 13:30	1
n-Butane	ND		1.2	0.11	ug/m3			10/09/17 13:30	1
Vinyl chloride	ND		0.51	0.046	ug/m3			10/09/17 13:30	1
1,3-Butadiene	ND		0.44	0.082	ug/m3			10/09/17 13:30	1
Bromomethane	ND		0.78	0.14	ug/m3			10/09/17 13:30	1
Chloroethane	ND		1.3	0.34	ug/m3			10/09/17 13:30	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.096	ug/m3			10/09/17 13:30	1
Trichlorofluoromethane	ND		1.1	0.17	ug/m3			10/09/17 13:30	1
Freon TF	ND		1.5	0.21	ug/m3			10/09/17 13:30	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			10/09/17 13:30	1
Acetone	ND		12	3.1	ug/m3			10/09/17 13:30	1
Isopropyl alcohol	ND		12	0.32	ug/m3			10/09/17 13:30	1
Carbon disulfide	ND		1.6	0.087	ug/m3			10/09/17 13:30	1
3-Chloropropene	ND		1.6	0.20	ug/m3			10/09/17 13:30	1
Methylene Chloride	ND		1.7	0.24	ug/m3			10/09/17 13:30	1
tert-Butyl alcohol	ND		15	5.2	ug/m3			10/09/17 13:30	1
Methyl tert-butyl ether	ND		0.72	0.15	ug/m3			10/09/17 13:30	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-121899/4
Matrix: Air
Analysis Batch: 121899

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		0.79	0.20	ug/m3			10/09/17 13:30	1
n-Hexane	ND		0.70	0.16	ug/m3			10/09/17 13:30	1
1,1-Dichloroethane	ND		0.81	0.069	ug/m3			10/09/17 13:30	1
Methyl Ethyl Ketone	ND		1.5	0.32	ug/m3			10/09/17 13:30	1
cis-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			10/09/17 13:30	1
1,2-Dichloroethene, Total	ND		1.6	0.11	ug/m3			10/09/17 13:30	1
Chloroform	ND		0.98	0.12	ug/m3			10/09/17 13:30	1
Tetrahydrofuran	ND		15	3.5	ug/m3			10/09/17 13:30	1
1,1,1-Trichloroethane	ND		1.1	0.14	ug/m3			10/09/17 13:30	1
Cyclohexane	ND		0.69	0.15	ug/m3			10/09/17 13:30	1
Carbon tetrachloride	ND		1.3	0.069	ug/m3			10/09/17 13:30	1
2,2,4-Trimethylpentane	ND		0.93	0.20	ug/m3			10/09/17 13:30	1
Benzene	ND		0.64	0.089	ug/m3			10/09/17 13:30	1
1,2-Dichloroethane	ND		0.81	0.14	ug/m3			10/09/17 13:30	1
n-Heptane	ND		0.82	0.28	ug/m3			10/09/17 13:30	1
Trichloroethene	ND		1.1	0.049	ug/m3			10/09/17 13:30	1
Methyl methacrylate	ND		2.0	0.45	ug/m3			10/09/17 13:30	1
1,2-Dichloropropane	ND		0.92	0.16	ug/m3			10/09/17 13:30	1
1,4-Dioxane	ND		18	2.7	ug/m3			10/09/17 13:30	1
Bromodichloromethane	ND		1.3	0.40	ug/m3			10/09/17 13:30	1
cis-1,3-Dichloropropene	ND		0.91	0.16	ug/m3			10/09/17 13:30	1
methyl isobutyl ketone	ND		2.0	0.27	ug/m3			10/09/17 13:30	1
Toluene	ND		0.75	0.13	ug/m3			10/09/17 13:30	1
trans-1,3-Dichloropropene	ND		0.91	0.17	ug/m3			10/09/17 13:30	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			10/09/17 13:30	1
Tetrachloroethene	ND		1.4	0.066	ug/m3			10/09/17 13:30	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.35	ug/m3			10/09/17 13:30	1
Dibromochloromethane	ND		1.7	0.14	ug/m3			10/09/17 13:30	1
1,2-Dibromoethane	ND		1.5	0.18	ug/m3			10/09/17 13:30	1
Chlorobenzene	ND		0.92	0.12	ug/m3			10/09/17 13:30	1
Ethylbenzene	ND		0.87	0.15	ug/m3			10/09/17 13:30	1
m,p-Xylene	ND		2.2	0.33	ug/m3			10/09/17 13:30	1
Xylene, o-	ND		0.87	0.17	ug/m3			10/09/17 13:30	1
Xylene (total)	ND		3.0	0.17	ug/m3			10/09/17 13:30	1
Styrene	ND		0.85	0.15	ug/m3			10/09/17 13:30	1
Bromoform	ND		2.1	0.36	ug/m3			10/09/17 13:30	1
Cumene	ND		0.98	0.19	ug/m3			10/09/17 13:30	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.18	ug/m3			10/09/17 13:30	1
n-Propylbenzene	ND		0.98	0.20	ug/m3			10/09/17 13:30	1
4-Ethyltoluene	ND		0.98	0.20	ug/m3			10/09/17 13:30	1
1,3,5-Trimethylbenzene	ND		0.98	0.20	ug/m3			10/09/17 13:30	1
2-Chlorotoluene	ND		1.0	0.18	ug/m3			10/09/17 13:30	1
tert-Butylbenzene	ND		1.1	0.20	ug/m3			10/09/17 13:30	1
1,2,4-Trimethylbenzene	ND		0.98	0.28	ug/m3			10/09/17 13:30	1
sec-Butylbenzene	ND		1.1	0.20	ug/m3			10/09/17 13:30	1
4-Isopropyltoluene	ND		1.1	0.29	ug/m3			10/09/17 13:30	1
1,3-Dichlorobenzene	ND		1.2	0.30	ug/m3			10/09/17 13:30	1
1,4-Dichlorobenzene	ND		1.2	0.38	ug/m3			10/09/17 13:30	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-121899/4
Matrix: Air
Analysis Batch: 121899

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		1.0	0.35	ug/m3			10/09/17 13:30	1
n-Butylbenzene	ND		1.1	0.37	ug/m3			10/09/17 13:30	1
1,2-Dichlorobenzene	ND		1.2	0.27	ug/m3			10/09/17 13:30	1
1,2,4-Trichlorobenzene	ND		3.7	1.4	ug/m3			10/09/17 13:30	1
Hexachlorobutadiene	ND		2.1	0.68	ug/m3			10/09/17 13:30	1
Naphthalene	ND		2.6	0.52	ug/m3			10/09/17 13:30	1

Lab Sample ID: LCS 200-121899/3
Matrix: Air
Analysis Batch: 121899

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	10.0	10.3		ppb v/v		103	68 - 128
Freon 22	10.0	9.91		ppb v/v		99	64 - 128
1,2-Dichlorotetrafluoroethane	10.0	10.0		ppb v/v		100	78 - 138
Chloromethane	10.0	9.44		ppb v/v		94	57 - 126
n-Butane	10.0	9.49		ppb v/v		95	56 - 130
Vinyl chloride	10.0	9.44		ppb v/v		94	62 - 125
1,3-Butadiene	10.0	9.53		ppb v/v		95	59 - 125
Bromomethane	10.0	10.3		ppb v/v		103	68 - 128
Chloroethane	10.0	10.0		ppb v/v		100	65 - 125
Bromoethene(Vinyl Bromide)	10.0	10.4		ppb v/v		104	67 - 127
Trichlorofluoromethane	10.0	10.6		ppb v/v		106	67 - 127
Freon TF	10.0	10.0		ppb v/v		100	68 - 128
1,1-Dichloroethene	10.0	9.46		ppb v/v		95	67 - 127
Acetone	10.0	9.82		ppb v/v		98	64 - 136
Isopropyl alcohol	10.0	8.55		ppb v/v		86	55 - 124
Carbon disulfide	10.0	9.53		ppb v/v		95	81 - 141
3-Chloropropene	10.0	10.3		ppb v/v		103	53 - 133
Methylene Chloride	10.0	9.36		ppb v/v		94	62 - 122
tert-Butyl alcohol	10.0	9.00		ppb v/v		90	64 - 124
Methyl tert-butyl ether	10.0	9.03		ppb v/v		90	67 - 127
trans-1,2-Dichloroethene	10.0	9.31		ppb v/v		93	72 - 132
n-Hexane	10.0	9.02		ppb v/v		90	71 - 131
1,1-Dichloroethane	10.0	9.26		ppb v/v		93	66 - 126
Methyl Ethyl Ketone	10.0	8.94		ppb v/v		89	62 - 122
cis-1,2-Dichloroethene	10.0	9.51		ppb v/v		95	67 - 127
Chloroform	10.0	9.67		ppb v/v		97	69 - 129
Tetrahydrofuran	10.0	8.45		ppb v/v		85	61 - 136
1,1,1-Trichloroethane	10.0	9.45		ppb v/v		95	70 - 130
Cyclohexane	10.0	8.96		ppb v/v		90	69 - 129
Carbon tetrachloride	10.0	10.1		ppb v/v		101	62 - 143
2,2,4-Trimethylpentane	10.0	8.58		ppb v/v		86	67 - 127
Benzene	10.0	8.92		ppb v/v		89	67 - 127
1,2-Dichloroethane	10.0	9.39		ppb v/v		94	67 - 132
n-Heptane	10.0	8.39		ppb v/v		84	62 - 130
Trichloroethene	10.0	8.89		ppb v/v		89	68 - 128
Methyl methacrylate	10.0	8.74		ppb v/v		87	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-121899/3
Matrix: Air
Analysis Batch: 121899

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	10.0	9.04		ppb v/v		90	67 - 127
1,4-Dioxane	10.0	8.59		ppb v/v		86	66 - 132
Bromodichloromethane	10.0	9.71		ppb v/v		97	69 - 129
cis-1,3-Dichloropropene	10.0	9.44		ppb v/v		94	70 - 130
methyl isobutyl ketone	10.0	8.43		ppb v/v		84	62 - 130
Toluene	10.0	9.03		ppb v/v		90	67 - 127
trans-1,3-Dichloropropene	10.0	9.20		ppb v/v		92	69 - 129
1,1,2-Trichloroethane	10.0	9.44		ppb v/v		94	69 - 129
Tetrachloroethene	10.0	9.88		ppb v/v		99	70 - 130
Methyl Butyl Ketone (2-Hexanone)	10.0	8.12		ppb v/v		81	61 - 127
Dibromochloromethane	10.0	10.6		ppb v/v		106	66 - 130
1,2-Dibromoethane	10.0	9.83		ppb v/v		98	70 - 130
Chlorobenzene	10.0	9.65		ppb v/v		97	68 - 128
Ethylbenzene	10.0	9.14		ppb v/v		91	68 - 128
m,p-Xylene	20.0	18.1		ppb v/v		91	68 - 128
Xylene, o-	10.0	9.15		ppb v/v		92	67 - 127
Styrene	10.0	9.28		ppb v/v		93	68 - 128
Bromoform	10.0	12.6		ppb v/v		126	34 - 170
Cumene	10.0	9.26		ppb v/v		93	67 - 127
1,1,2,2-Tetrachloroethane	10.0	9.23		ppb v/v		92	69 - 129
n-Propylbenzene	10.0	9.31		ppb v/v		93	67 - 127
4-Ethyltoluene	10.0	9.60		ppb v/v		96	69 - 129
1,3,5-Trimethylbenzene	10.0	9.48		ppb v/v		95	65 - 125
2-Chlorotoluene	10.0	9.35		ppb v/v		93	67 - 127
tert-Butylbenzene	10.0	9.51		ppb v/v		95	63 - 125
1,2,4-Trimethylbenzene	10.0	9.62		ppb v/v		96	65 - 125
sec-Butylbenzene	10.0	9.58		ppb v/v		96	66 - 126
4-Isopropyltoluene	10.0	9.99		ppb v/v		100	67 - 129
1,3-Dichlorobenzene	10.0	10.1		ppb v/v		101	67 - 127
1,4-Dichlorobenzene	10.0	10.0		ppb v/v		100	66 - 126
Benzyl chloride	10.0	10.6		ppb v/v		106	54 - 135
n-Butylbenzene	10.0	10.1		ppb v/v		101	67 - 127
1,2-Dichlorobenzene	10.0	10.1		ppb v/v		101	67 - 127
1,2,4-Trichlorobenzene	10.0	8.98		ppb v/v		90	59 - 126
Hexachlorobutadiene	10.0	9.85		ppb v/v		99	62 - 130
Naphthalene	10.0	8.36		ppb v/v		84	50 - 121

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	49	51.1		ug/m3		103	68 - 128
Freon 22	35	35.1		ug/m3		99	64 - 128
1,2-Dichlorotetrafluoroethane	70	69.9		ug/m3		100	78 - 138
Chloromethane	21	19.5		ug/m3		94	57 - 126
n-Butane	24	22.5		ug/m3		95	56 - 130
Vinyl chloride	26	24.1		ug/m3		94	62 - 125
1,3-Butadiene	22	21.1		ug/m3		95	59 - 125
Bromomethane	39	39.9		ug/m3		103	68 - 128
Chloroethane	26	26.4		ug/m3		100	65 - 125

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-121899/3
Matrix: Air
Analysis Batch: 121899

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoethene(Vinyl Bromide)	44	45.4		ug/m3		104	67 - 127
Trichlorofluoromethane	56	59.7		ug/m3		106	67 - 127
Freon TF	77	76.7		ug/m3		100	68 - 128
1,1-Dichloroethene	40	37.5		ug/m3		95	67 - 127
Acetone	24	23.3		ug/m3		98	64 - 136
Isopropyl alcohol	25	21.0		ug/m3		86	55 - 124
Carbon disulfide	31	29.7		ug/m3		95	81 - 141
3-Chloropropene	31	32.1		ug/m3		103	53 - 133
Methylene Chloride	35	32.5		ug/m3		94	62 - 122
tert-Butyl alcohol	30	27.3		ug/m3		90	64 - 124
Methyl tert-butyl ether	36	32.5		ug/m3		90	67 - 127
trans-1,2-Dichloroethene	40	36.9		ug/m3		93	72 - 132
n-Hexane	35	31.8		ug/m3		90	71 - 131
1,1-Dichloroethane	40	37.5		ug/m3		93	66 - 126
Methyl Ethyl Ketone	29	26.4		ug/m3		89	62 - 122
cis-1,2-Dichloroethene	40	37.7		ug/m3		95	67 - 127
Chloroform	49	47.2		ug/m3		97	69 - 129
Tetrahydrofuran	29	24.9		ug/m3		85	61 - 136
1,1,1-Trichloroethane	55	51.6		ug/m3		95	70 - 130
Cyclohexane	34	30.8		ug/m3		90	69 - 129
Carbon tetrachloride	63	63.7		ug/m3		101	62 - 143
2,2,4-Trimethylpentane	47	40.1		ug/m3		86	67 - 127
Benzene	32	28.5		ug/m3		89	67 - 127
1,2-Dichloroethane	40	38.0		ug/m3		94	67 - 132
n-Heptane	41	34.4		ug/m3		84	62 - 130
Trichloroethene	54	47.8		ug/m3		89	68 - 128
Methyl methacrylate	41	35.8		ug/m3		87	70 - 130
1,2-Dichloropropane	46	41.8		ug/m3		90	67 - 127
1,4-Dioxane	36	31.0		ug/m3		86	66 - 132
Bromodichloromethane	67	65.1		ug/m3		97	69 - 129
cis-1,3-Dichloropropene	45	42.8		ug/m3		94	70 - 130
methyl isobutyl ketone	41	34.5		ug/m3		84	62 - 130
Toluene	38	34.0		ug/m3		90	67 - 127
trans-1,3-Dichloropropene	45	41.8		ug/m3		92	69 - 129
1,1,2-Trichloroethane	55	51.5		ug/m3		94	69 - 129
Tetrachloroethene	68	67.0		ug/m3		99	70 - 130
Methyl Butyl Ketone (2-Hexanone)	41	33.3		ug/m3		81	61 - 127
Dibromochloromethane	85	90.7		ug/m3		106	66 - 130
1,2-Dibromoethane	77	75.5		ug/m3		98	70 - 130
Chlorobenzene	46	44.4		ug/m3		97	68 - 128
Ethylbenzene	43	39.7		ug/m3		91	68 - 128
m,p-Xylene	87	78.6		ug/m3		91	68 - 128
Xylene, o-	43	39.7		ug/m3		92	67 - 127
Styrene	43	39.5		ug/m3		93	68 - 128
Bromoform	100	130		ug/m3		126	34 - 170
Cumene	49	45.5		ug/m3		93	67 - 127
1,1,2,2-Tetrachloroethane	69	63.4		ug/m3		92	69 - 129

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-121899/3
Matrix: Air
Analysis Batch: 121899

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
n-Propylbenzene	49	45.8		ug/m3		93	67 - 127
4-Ethyltoluene	49	47.2		ug/m3		96	69 - 129
1,3,5-Trimethylbenzene	49	46.6		ug/m3		95	65 - 125
2-Chlorotoluene	52	48.4		ug/m3		93	67 - 127
tert-Butylbenzene	55	52.2		ug/m3		95	63 - 125
1,2,4-Trimethylbenzene	49	47.3		ug/m3		96	65 - 125
sec-Butylbenzene	55	52.6		ug/m3		96	66 - 126
4-Isopropyltoluene	55	54.8		ug/m3		100	67 - 129
1,3-Dichlorobenzene	60	60.5		ug/m3		101	67 - 127
1,4-Dichlorobenzene	60	60.4		ug/m3		100	66 - 126
Benzyl chloride	52	55.1		ug/m3		106	54 - 135
n-Butylbenzene	55	55.4		ug/m3		101	67 - 127
1,2-Dichlorobenzene	60	60.7		ug/m3		101	67 - 127
1,2,4-Trichlorobenzene	74	66.6		ug/m3		90	59 - 126
Hexachlorobutadiene	110	105		ug/m3		99	62 - 130
Naphthalene	52	43.8		ug/m3		84	50 - 121

Lab Sample ID: MB 200-121954/5
Matrix: Air
Analysis Batch: 121954

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.047	ppb v/v			10/10/17 14:13	1
Freon 22	ND		0.50	0.20	ppb v/v			10/10/17 14:13	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.041	ppb v/v			10/10/17 14:13	1
Chloromethane	ND		0.50	0.16	ppb v/v			10/10/17 14:13	1
n-Butane	ND		0.50	0.046	ppb v/v			10/10/17 14:13	1
Vinyl chloride	ND		0.20	0.018	ppb v/v			10/10/17 14:13	1
1,3-Butadiene	ND		0.20	0.037	ppb v/v			10/10/17 14:13	1
Bromomethane	ND		0.20	0.036	ppb v/v			10/10/17 14:13	1
Chloroethane	ND		0.50	0.13	ppb v/v			10/10/17 14:13	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.022	ppb v/v			10/10/17 14:13	1
Trichlorofluoromethane	ND		0.20	0.031	ppb v/v			10/10/17 14:13	1
Freon TF	ND		0.20	0.027	ppb v/v			10/10/17 14:13	1
1,1-Dichloroethene	ND		0.20	0.035	ppb v/v			10/10/17 14:13	1
Acetone	ND		5.0	1.3	ppb v/v			10/10/17 14:13	1
Isopropyl alcohol	ND		5.0	0.13	ppb v/v			10/10/17 14:13	1
Carbon disulfide	ND		0.50	0.028	ppb v/v			10/10/17 14:13	1
3-Chloropropene	ND		0.50	0.063	ppb v/v			10/10/17 14:13	1
Methylene Chloride	ND		0.50	0.068	ppb v/v			10/10/17 14:13	1
tert-Butyl alcohol	ND		5.0	1.7	ppb v/v			10/10/17 14:13	1
Methyl tert-butyl ether	ND		0.20	0.041	ppb v/v			10/10/17 14:13	1
trans-1,2-Dichloroethene	ND		0.20	0.050	ppb v/v			10/10/17 14:13	1
n-Hexane	ND		0.20	0.046	ppb v/v			10/10/17 14:13	1
1,1-Dichloroethane	ND		0.20	0.017	ppb v/v			10/10/17 14:13	1
Methyl Ethyl Ketone	ND		0.50	0.11	ppb v/v			10/10/17 14:13	1
cis-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			10/10/17 14:13	1
1,2-Dichloroethene, Total	ND		0.40	0.029	ppb v/v			10/10/17 14:13	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-121954/5
Matrix: Air
Analysis Batch: 121954

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		0.20	0.025	ppb v/v			10/10/17 14:13	1
Tetrahydrofuran	ND		5.0	1.2	ppb v/v			10/10/17 14:13	1
1,1,1-Trichloroethane	ND		0.20	0.026	ppb v/v			10/10/17 14:13	1
Cyclohexane	ND		0.20	0.045	ppb v/v			10/10/17 14:13	1
Carbon tetrachloride	ND		0.20	0.011	ppb v/v			10/10/17 14:13	1
2,2,4-Trimethylpentane	ND		0.20	0.043	ppb v/v			10/10/17 14:13	1
Benzene	ND		0.20	0.028	ppb v/v			10/10/17 14:13	1
1,2-Dichloroethane	ND		0.20	0.034	ppb v/v			10/10/17 14:13	1
n-Heptane	ND		0.20	0.068	ppb v/v			10/10/17 14:13	1
Trichloroethene	ND		0.20	0.0091	ppb v/v			10/10/17 14:13	1
Methyl methacrylate	ND		0.50	0.11	ppb v/v			10/10/17 14:13	1
1,2-Dichloropropane	ND		0.20	0.035	ppb v/v			10/10/17 14:13	1
1,4-Dioxane	ND		5.0	0.76	ppb v/v			10/10/17 14:13	1
Bromodichloromethane	ND		0.20	0.059	ppb v/v			10/10/17 14:13	1
cis-1,3-Dichloropropene	ND		0.20	0.036	ppb v/v			10/10/17 14:13	1
methyl isobutyl ketone	ND		0.50	0.065	ppb v/v			10/10/17 14:13	1
Toluene	ND		0.20	0.035	ppb v/v			10/10/17 14:13	1
trans-1,3-Dichloropropene	ND		0.20	0.038	ppb v/v			10/10/17 14:13	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			10/10/17 14:13	1
Tetrachloroethene	ND		0.20	0.0098	ppb v/v			10/10/17 14:13	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.086	ppb v/v			10/10/17 14:13	1
Dibromochloromethane	ND		0.20	0.017	ppb v/v			10/10/17 14:13	1
1,2-Dibromoethane	ND		0.20	0.023	ppb v/v			10/10/17 14:13	1
Chlorobenzene	ND		0.20	0.025	ppb v/v			10/10/17 14:13	1
Ethylbenzene	ND		0.20	0.034	ppb v/v			10/10/17 14:13	1
m,p-Xylene	ND		0.50	0.077	ppb v/v			10/10/17 14:13	1
Xylene, o-	ND		0.20	0.040	ppb v/v			10/10/17 14:13	1
Xylene (total)	ND		0.70	0.040	ppb v/v			10/10/17 14:13	1
Styrene	ND		0.20	0.035	ppb v/v			10/10/17 14:13	1
Bromoform	ND		0.20	0.035	ppb v/v			10/10/17 14:13	1
Cumene	ND		0.20	0.039	ppb v/v			10/10/17 14:13	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.026	ppb v/v			10/10/17 14:13	1
n-Propylbenzene	ND		0.20	0.040	ppb v/v			10/10/17 14:13	1
4-Ethyltoluene	ND		0.20	0.040	ppb v/v			10/10/17 14:13	1
1,3,5-Trimethylbenzene	ND		0.20	0.040	ppb v/v			10/10/17 14:13	1
2-Chlorotoluene	ND		0.20	0.035	ppb v/v			10/10/17 14:13	1
tert-Butylbenzene	ND		0.20	0.037	ppb v/v			10/10/17 14:13	1
1,2,4-Trimethylbenzene	ND		0.20	0.057	ppb v/v			10/10/17 14:13	1
sec-Butylbenzene	ND		0.20	0.037	ppb v/v			10/10/17 14:13	1
4-Isopropyltoluene	ND		0.20	0.052	ppb v/v			10/10/17 14:13	1
1,3-Dichlorobenzene	ND		0.20	0.050	ppb v/v			10/10/17 14:13	1
1,4-Dichlorobenzene	ND		0.20	0.063	ppb v/v			10/10/17 14:13	1
Benzyl chloride	ND		0.20	0.067	ppb v/v			10/10/17 14:13	1
n-Butylbenzene	ND		0.20	0.068	ppb v/v			10/10/17 14:13	1
1,2-Dichlorobenzene	ND		0.20	0.045	ppb v/v			10/10/17 14:13	1
1,2,4-Trichlorobenzene	ND		0.50	0.19	ppb v/v			10/10/17 14:13	1
Hexachlorobutadiene	ND		0.20	0.064	ppb v/v			10/10/17 14:13	1
Naphthalene	ND		0.50	0.10	ppb v/v			10/10/17 14:13	1

QC Sample Results

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-40374-1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	0.23	ug/m3			10/10/17 14:13	1
Freon 22	ND		1.8	0.71	ug/m3			10/10/17 14:13	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.29	ug/m3			10/10/17 14:13	1
Chloromethane	ND		1.0	0.33	ug/m3			10/10/17 14:13	1
n-Butane	ND		1.2	0.11	ug/m3			10/10/17 14:13	1
Vinyl chloride	ND		0.51	0.046	ug/m3			10/10/17 14:13	1
1,3-Butadiene	ND		0.44	0.082	ug/m3			10/10/17 14:13	1
Bromomethane	ND		0.78	0.14	ug/m3			10/10/17 14:13	1
Chloroethane	ND		1.3	0.34	ug/m3			10/10/17 14:13	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.096	ug/m3			10/10/17 14:13	1
Trichlorofluoromethane	ND		1.1	0.17	ug/m3			10/10/17 14:13	1
Freon TF	ND		1.5	0.21	ug/m3			10/10/17 14:13	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			10/10/17 14:13	1
Acetone	ND		12	3.1	ug/m3			10/10/17 14:13	1
Isopropyl alcohol	ND		12	0.32	ug/m3			10/10/17 14:13	1
Carbon disulfide	ND		1.6	0.087	ug/m3			10/10/17 14:13	1
3-Chloropropene	ND		1.6	0.20	ug/m3			10/10/17 14:13	1
Methylene Chloride	ND		1.7	0.24	ug/m3			10/10/17 14:13	1
tert-Butyl alcohol	ND		15	5.2	ug/m3			10/10/17 14:13	1
Methyl tert-butyl ether	ND		0.72	0.15	ug/m3			10/10/17 14:13	1
trans-1,2-Dichloroethene	ND		0.79	0.20	ug/m3			10/10/17 14:13	1
n-Hexane	ND		0.70	0.16	ug/m3			10/10/17 14:13	1
1,1-Dichloroethane	ND		0.81	0.069	ug/m3			10/10/17 14:13	1
Methyl Ethyl Ketone	ND		1.5	0.32	ug/m3			10/10/17 14:13	1
cis-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			10/10/17 14:13	1
1,2-Dichloroethene, Total	ND		1.6	0.11	ug/m3			10/10/17 14:13	1
Chloroform	ND		0.98	0.12	ug/m3			10/10/17 14:13	1
Tetrahydrofuran	ND		15	3.5	ug/m3			10/10/17 14:13	1
1,1,1-Trichloroethane	ND		1.1	0.14	ug/m3			10/10/17 14:13	1
Cyclohexane	ND		0.69	0.15	ug/m3			10/10/17 14:13	1
Carbon tetrachloride	ND		1.3	0.069	ug/m3			10/10/17 14:13	1
2,2,4-Trimethylpentane	ND		0.93	0.20	ug/m3			10/10/17 14:13	1
Benzene	ND		0.64	0.089	ug/m3			10/10/17 14:13	1
1,2-Dichloroethane	ND		0.81	0.14	ug/m3			10/10/17 14:13	1
n-Heptane	ND		0.82	0.28	ug/m3			10/10/17 14:13	1
Trichloroethene	ND		1.1	0.049	ug/m3			10/10/17 14:13	1
Methyl methacrylate	ND		2.0	0.45	ug/m3			10/10/17 14:13	1
1,2-Dichloropropane	ND		0.92	0.16	ug/m3			10/10/17 14:13	1
1,4-Dioxane	ND		18	2.7	ug/m3			10/10/17 14:13	1
Bromodichloromethane	ND		1.3	0.40	ug/m3			10/10/17 14:13	1
cis-1,3-Dichloropropene	ND		0.91	0.16	ug/m3			10/10/17 14:13	1
methyl isobutyl ketone	ND		2.0	0.27	ug/m3			10/10/17 14:13	1
Toluene	ND		0.75	0.13	ug/m3			10/10/17 14:13	1
trans-1,3-Dichloropropene	ND		0.91	0.17	ug/m3			10/10/17 14:13	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			10/10/17 14:13	1
Tetrachloroethene	ND		1.4	0.066	ug/m3			10/10/17 14:13	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.35	ug/m3			10/10/17 14:13	1
Dibromochloromethane	ND		1.7	0.14	ug/m3			10/10/17 14:13	1
1,2-Dibromoethane	ND		1.5	0.18	ug/m3			10/10/17 14:13	1
Chlorobenzene	ND		0.92	0.12	ug/m3			10/10/17 14:13	1
Ethylbenzene	ND		0.87	0.15	ug/m3			10/10/17 14:13	1
m,p-Xylene	ND		2.2	0.33	ug/m3			10/10/17 14:13	1
Xylene, o-	ND		0.87	0.17	ug/m3			10/10/17 14:13	1
Xylene (total)	ND		3.0	0.17	ug/m3			10/10/17 14:13	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-121954/5
Matrix: Air
Analysis Batch: 121954

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.85	0.15	ug/m3			10/10/17 14:13	1
Bromoform	ND		2.1	0.36	ug/m3			10/10/17 14:13	1
Cumene	ND		0.98	0.19	ug/m3			10/10/17 14:13	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.18	ug/m3			10/10/17 14:13	1
n-Propylbenzene	ND		0.98	0.20	ug/m3			10/10/17 14:13	1
4-Ethyltoluene	ND		0.98	0.20	ug/m3			10/10/17 14:13	1
1,3,5-Trimethylbenzene	ND		0.98	0.20	ug/m3			10/10/17 14:13	1
2-Chlorotoluene	ND		1.0	0.18	ug/m3			10/10/17 14:13	1
tert-Butylbenzene	ND		1.1	0.20	ug/m3			10/10/17 14:13	1
1,2,4-Trimethylbenzene	ND		0.98	0.28	ug/m3			10/10/17 14:13	1
sec-Butylbenzene	ND		1.1	0.20	ug/m3			10/10/17 14:13	1
4-Isopropyltoluene	ND		1.1	0.29	ug/m3			10/10/17 14:13	1
1,3-Dichlorobenzene	ND		1.2	0.30	ug/m3			10/10/17 14:13	1
1,4-Dichlorobenzene	ND		1.2	0.38	ug/m3			10/10/17 14:13	1
Benzyl chloride	ND		1.0	0.35	ug/m3			10/10/17 14:13	1
n-Butylbenzene	ND		1.1	0.37	ug/m3			10/10/17 14:13	1
1,2-Dichlorobenzene	ND		1.2	0.27	ug/m3			10/10/17 14:13	1
1,2,4-Trichlorobenzene	ND		3.7	1.4	ug/m3			10/10/17 14:13	1
Hexachlorobutadiene	ND		2.1	0.68	ug/m3			10/10/17 14:13	1
Naphthalene	ND		2.6	0.52	ug/m3			10/10/17 14:13	1

Lab Sample ID: LCS 200-121954/3
Matrix: Air
Analysis Batch: 121954

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	10.0	10.6		ppb v/v		106	68 - 128
Freon 22	10.0	10.0		ppb v/v		100	64 - 128
1,2-Dichlorotetrafluoroethane	10.0	11.5		ppb v/v		115	78 - 138
Chloromethane	10.0	9.34		ppb v/v		93	57 - 126
n-Butane	10.0	9.33		ppb v/v		93	56 - 130
Vinyl chloride	10.0	9.50		ppb v/v		95	62 - 125
1,3-Butadiene	10.0	9.21		ppb v/v		92	59 - 125
Bromomethane	10.0	10.4		ppb v/v		104	68 - 128
Chloroethane	10.0	9.66		ppb v/v		97	65 - 125
Bromoethene(Vinyl Bromide)	10.0	10.3		ppb v/v		103	67 - 127
Trichlorofluoromethane	10.0	10.6		ppb v/v		106	67 - 127
Freon TF	10.0	10.4		ppb v/v		104	68 - 128
1,1-Dichloroethene	10.0	9.65		ppb v/v		97	67 - 127
Acetone	10.0	9.46		ppb v/v		95	64 - 136
Isopropyl alcohol	10.0	8.36		ppb v/v		84	55 - 124
Carbon disulfide	10.0	11.4		ppb v/v		114	81 - 141
3-Chloropropene	10.0	7.17		ppb v/v		72	53 - 133
Methylene Chloride	10.0	9.57		ppb v/v		96	62 - 122
tert-Butyl alcohol	10.0	9.20		ppb v/v		92	64 - 124
Methyl tert-butyl ether	10.0	9.16		ppb v/v		92	67 - 127
trans-1,2-Dichloroethene	10.0	10.3		ppb v/v		103	72 - 132
n-Hexane	10.0	9.74		ppb v/v		97	71 - 131

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-121954/3
Matrix: Air
Analysis Batch: 121954

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	10.0	9.75		ppb v/v		98	66 - 126
Methyl Ethyl Ketone	10.0	9.06		ppb v/v		91	62 - 122
cis-1,2-Dichloroethene	10.0	9.82		ppb v/v		98	67 - 127
Chloroform	10.0	10.1		ppb v/v		101	69 - 129
Tetrahydrofuran	10.0	8.87		ppb v/v		89	61 - 136
1,1,1-Trichloroethane	10.0	10.1		ppb v/v		101	70 - 130
Cyclohexane	10.0	9.48		ppb v/v		95	69 - 129
Carbon tetrachloride	10.0	10.8		ppb v/v		108	62 - 143
2,2,4-Trimethylpentane	10.0	9.05		ppb v/v		91	67 - 127
Benzene	10.0	9.55		ppb v/v		96	67 - 127
1,2-Dichloroethane	10.0	10.0		ppb v/v		100	67 - 132
n-Heptane	10.0	8.84		ppb v/v		88	62 - 130
Trichloroethene	10.0	9.75		ppb v/v		98	68 - 128
Methyl methacrylate	10.0	9.37		ppb v/v		94	70 - 130
1,2-Dichloropropane	10.0	9.12		ppb v/v		91	67 - 127
1,4-Dioxane	10.0	9.37		ppb v/v		94	66 - 132
Bromodichloromethane	10.0	10.0		ppb v/v		100	69 - 129
cis-1,3-Dichloropropene	10.0	9.94		ppb v/v		99	70 - 130
methyl isobutyl ketone	10.0	8.94		ppb v/v		89	62 - 130
Toluene	10.0	9.65		ppb v/v		96	67 - 127
trans-1,3-Dichloropropene	10.0	9.54		ppb v/v		95	69 - 129
1,1,2-Trichloroethane	10.0	10.0		ppb v/v		100	69 - 129
Tetrachloroethene	10.0	10.7		ppb v/v		107	70 - 130
Methyl Butyl Ketone (2-Hexanone)	10.0	8.91		ppb v/v		89	61 - 127
Dibromochloromethane	10.0	10.2		ppb v/v		102	66 - 130
1,2-Dibromoethane	10.0	10.3		ppb v/v		103	70 - 130
Chlorobenzene	10.0	10.1		ppb v/v		101	68 - 128
Ethylbenzene	10.0	9.71		ppb v/v		97	68 - 128
m,p-Xylene	20.0	19.1		ppb v/v		96	68 - 128
Xylene, o-	10.0	9.51		ppb v/v		95	67 - 127
Styrene	10.0	9.92		ppb v/v		99	68 - 128
Bromoform	10.0	9.50		ppb v/v		95	34 - 170
Cumene	10.0	9.62		ppb v/v		96	67 - 127
1,1,2,2-Tetrachloroethane	10.0	9.97		ppb v/v		100	69 - 129
n-Propylbenzene	10.0	9.71		ppb v/v		97	67 - 127
4-Ethyltoluene	10.0	10.3		ppb v/v		103	69 - 129
1,3,5-Trimethylbenzene	10.0	9.89		ppb v/v		99	65 - 125
2-Chlorotoluene	10.0	9.85		ppb v/v		98	67 - 127
tert-Butylbenzene	10.0	9.89		ppb v/v		99	63 - 125
1,2,4-Trimethylbenzene	10.0	10.0		ppb v/v		100	65 - 125
sec-Butylbenzene	10.0	9.93		ppb v/v		99	66 - 126
4-Isopropyltoluene	10.0	10.3		ppb v/v		103	67 - 129
1,3-Dichlorobenzene	10.0	10.8		ppb v/v		108	67 - 127
1,4-Dichlorobenzene	10.0	10.8		ppb v/v		108	66 - 126
Benzyl chloride	10.0	10.3		ppb v/v		103	54 - 135
n-Butylbenzene	10.0	10.6		ppb v/v		106	67 - 127
1,2-Dichlorobenzene	10.0	10.8		ppb v/v		108	67 - 127

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-121954/3
Matrix: Air
Analysis Batch: 121954

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	10.0	10.5		ppb v/v		105	59 - 126
Hexachlorobutadiene	10.0	10.3		ppb v/v		103	62 - 130
Naphthalene	10.0	9.88		ppb v/v		99	50 - 121

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	49	52.5		ug/m3		106	68 - 128
Freon 22	35	35.4		ug/m3		100	64 - 128
1,2-Dichlorotetrafluoroethane	70	80.5		ug/m3		115	78 - 138
Chloromethane	21	19.3		ug/m3		93	57 - 126
n-Butane	24	22.2		ug/m3		93	56 - 130
Vinyl chloride	26	24.3		ug/m3		95	62 - 125
1,3-Butadiene	22	20.4		ug/m3		92	59 - 125
Bromomethane	39	40.5		ug/m3		104	68 - 128
Chloroethane	26	25.5		ug/m3		97	65 - 125
Bromoethene(Vinyl Bromide)	44	45.1		ug/m3		103	67 - 127
Trichlorofluoromethane	56	59.4		ug/m3		106	67 - 127
Freon TF	77	79.6		ug/m3		104	68 - 128
1,1-Dichloroethene	40	38.3		ug/m3		97	67 - 127
Acetone	24	22.5		ug/m3		95	64 - 136
Isopropyl alcohol	25	20.5		ug/m3		84	55 - 124
Carbon disulfide	31	35.4		ug/m3		114	81 - 141
3-Chloropropene	31	22.4		ug/m3		72	53 - 133
Methylene Chloride	35	33.2		ug/m3		96	62 - 122
tert-Butyl alcohol	30	27.9		ug/m3		92	64 - 124
Methyl tert-butyl ether	36	33.0		ug/m3		92	67 - 127
trans-1,2-Dichloroethene	40	40.7		ug/m3		103	72 - 132
n-Hexane	35	34.3		ug/m3		97	71 - 131
1,1-Dichloroethane	40	39.5		ug/m3		98	66 - 126
Methyl Ethyl Ketone	29	26.7		ug/m3		91	62 - 122
cis-1,2-Dichloroethene	40	38.9		ug/m3		98	67 - 127
Chloroform	49	49.1		ug/m3		101	69 - 129
Tetrahydrofuran	29	26.2		ug/m3		89	61 - 136
1,1,1-Trichloroethane	55	55.0		ug/m3		101	70 - 130
Cyclohexane	34	32.6		ug/m3		95	69 - 129
Carbon tetrachloride	63	67.9		ug/m3		108	62 - 143
2,2,4-Trimethylpentane	47	42.3		ug/m3		91	67 - 127
Benzene	32	30.5		ug/m3		96	67 - 127
1,2-Dichloroethane	40	40.5		ug/m3		100	67 - 132
n-Heptane	41	36.2		ug/m3		88	62 - 130
Trichloroethene	54	52.4		ug/m3		98	68 - 128
Methyl methacrylate	41	38.4		ug/m3		94	70 - 130
1,2-Dichloropropane	46	42.1		ug/m3		91	67 - 127
1,4-Dioxane	36	33.8		ug/m3		94	66 - 132
Bromodichloromethane	67	67.2		ug/m3		100	69 - 129
cis-1,3-Dichloropropene	45	45.1		ug/m3		99	70 - 130
methyl isobutyl ketone	41	36.6		ug/m3		89	62 - 130
Toluene	38	36.4		ug/m3		96	67 - 127
trans-1,3-Dichloropropene	45	43.3		ug/m3		95	69 - 129

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-121954/3
Matrix: Air
Analysis Batch: 121954

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	55	54.6		ug/m3		100	69 - 129
Tetrachloroethene	68	72.6		ug/m3		107	70 - 130
Methyl Butyl Ketone (2-Hexanone)	41	36.5		ug/m3		89	61 - 127
Dibromochloromethane	85	87.0		ug/m3		102	66 - 130
1,2-Dibromoethane	77	79.5		ug/m3		103	70 - 130
Chlorobenzene	46	46.6		ug/m3		101	68 - 128
Ethylbenzene	43	42.2		ug/m3		97	68 - 128
m,p-Xylene	87	83.1		ug/m3		96	68 - 128
Xylene, o-	43	41.3		ug/m3		95	67 - 127
Styrene	43	42.3		ug/m3		99	68 - 128
Bromoform	100	98.2		ug/m3		95	34 - 170
Cumene	49	47.3		ug/m3		96	67 - 127
1,1,2,2-Tetrachloroethane	69	68.5		ug/m3		100	69 - 129
n-Propylbenzene	49	47.7		ug/m3		97	67 - 127
4-Ethyltoluene	49	50.4		ug/m3		103	69 - 129
1,3,5-Trimethylbenzene	49	48.6		ug/m3		99	65 - 125
2-Chlorotoluene	52	51.0		ug/m3		98	67 - 127
tert-Butylbenzene	55	54.3		ug/m3		99	63 - 125
1,2,4-Trimethylbenzene	49	49.2		ug/m3		100	65 - 125
sec-Butylbenzene	55	54.5		ug/m3		99	66 - 126
4-Isopropyltoluene	55	56.4		ug/m3		103	67 - 129
1,3-Dichlorobenzene	60	65.0		ug/m3		108	67 - 127
1,4-Dichlorobenzene	60	64.7		ug/m3		108	66 - 126
Benzyl chloride	52	53.2		ug/m3		103	54 - 135
n-Butylbenzene	55	58.0		ug/m3		106	67 - 127
1,2-Dichlorobenzene	60	64.7		ug/m3		108	67 - 127
1,2,4-Trichlorobenzene	74	78.0		ug/m3		105	59 - 126
Hexachlorobutadiene	110	110		ug/m3		103	62 - 130
Naphthalene	52	51.8		ug/m3		99	50 - 121

QC Association Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-40374-1

Air - GC/MS VOA

Analysis Batch: 121899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-40374-2	ID3	Total/NA	Air	TO-15	
200-40374-4	ID4	Total/NA	Air	TO-15	
200-40374-6	ID5	Total/NA	Air	TO-15	
200-40374-7	OD2	Total/NA	Air	TO-15	
MB 200-121899/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-121899/3	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 121954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-40374-1	SS3	Total/NA	Air	TO-15	
200-40374-3	SS4	Total/NA	Air	TO-15	
200-40374-5	SS5	Total/NA	Air	TO-15	
MB 200-121954/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-121954/3	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-40374-1

Client Sample ID: SS3
Lab Sample ID: 200-40374-1
Date Collected: 10/04/17 18:00
Matrix: Air
Date Received: 10/06/17 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		2	121954	10/10/17 15:03	K1P	TAL BUR

Client Sample ID: ID3
Lab Sample ID: 200-40374-2
Date Collected: 10/04/17 18:00
Matrix: Air
Date Received: 10/06/17 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	121899	10/09/17 18:33	K1P	TAL BUR

Client Sample ID: SS4
Lab Sample ID: 200-40374-3
Date Collected: 10/04/17 18:05
Matrix: Air
Date Received: 10/06/17 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		2	121954	10/10/17 16:45	K1P	TAL BUR

Client Sample ID: ID4
Lab Sample ID: 200-40374-4
Date Collected: 10/04/17 18:05
Matrix: Air
Date Received: 10/06/17 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	121899	10/09/17 20:14	K1P	TAL BUR

Client Sample ID: SS5
Lab Sample ID: 200-40374-5
Date Collected: 10/04/17 18:20
Matrix: Air
Date Received: 10/06/17 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		47.85	121954	10/10/17 17:35	K1P	TAL BUR

Client Sample ID: ID5
Lab Sample ID: 200-40374-6
Date Collected: 10/04/17 18:20
Matrix: Air
Date Received: 10/06/17 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	121899	10/09/17 21:55	K1P	TAL BUR

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-40374-1

Client Sample ID: OD2
Date Collected: 10/04/17 18:25
Date Received: 10/06/17 09:35

Lab Sample ID: 200-40374-7
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	121899	10/09/17 22:45	K1P	TAL BUR

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-40374-1

Laboratory: TestAmerica Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10391	04-01-18

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	1,2-Dichloroethene, Total
TO-15		Air	4-Ethyltoluene
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Cumene
TO-15		Air	Freon 22
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene
TO-15		Air	Tetrahydrofuran

Laboratory: TestAmerica Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18

Method Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-40374-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 200-40374-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-40374-1	SS3	Air	10/04/17 18:00	10/06/17 09:35
200-40374-2	ID3	Air	10/04/17 18:00	10/06/17 09:35
200-40374-3	SS4	Air	10/04/17 18:05	10/06/17 09:35
200-40374-4	ID4	Air	10/04/17 18:05	10/06/17 09:35
200-40374-5	SS5	Air	10/04/17 18:20	10/06/17 09:35
200-40374-6	ID5	Air	10/04/17 18:20	10/06/17 09:35
200-40374-7	OD2	Air	10/04/17 18:25	10/06/17 09:35

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact Information	**Client Project Manager:** Adam Zebrowski	**Samples Collected By:** Shannon Dalton
Company Name: La Bella Associates	**Phone:** 716-710-3043	
Address: 300 Pearl st	**Email:** azebrowski@labellapc.com	
City/State/Zip Buffalo NY	sdalton@labellapc.com	
Phone: 716-710-3043	**Site Contact:**	
FAX:	**Tel/Fax**	
Project Name: 11075 Walden Ave	**Anaylsis Turnaround Time**	
Site/Location: 11075 Walden Ave Alden NY	Standard (Specific): X	
P O #	Rush (Specifiy):	

COC No: 1 of 1 COCs

For Lab Use Only:
Walk-in Client:
Lab Sampling:

Job / SDG No.:
(See below for Add'l Items)

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, 'Hg (Start)'	Canister Vacuum in Field, 'Hg (Stop)'	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
SS3	10/4/17	10:00	18:00	-30	-5	5186	3659							X			X					TO-15
ID3	10/4/17	10:00	18:00	-30	-5	5168	3286							X		X						TO-15
SS4	10/4/17	10:05	18:05	-30	-8	4747	3265							X			X					TO-15
ID4	10/4/17	10:05	18:05	-30	-7	5016	5066							X		X						TO-15
SS6	10/4/17	10:20	18:20	-30	-9	5000	5017							X			X					TO-15
ID6	10/4/17	10:20	18:20	-30	-10	2761	4542							X		X						TO-15
OD2	10/4/17	10:25	18:25	-30	-15	3752	5110							X							X	Sample type = Outdoor Air - TO15

Temperature (Fahrenheit)		
	Interior	Ambient
Start		
Stop		

Pressure (inches of Hg)		
	Interior	Ambient
Start		
Stop		

200-40374 Chain of Custody

Special Instructions/QC Requirements & Comments:

Samples Shipped by:	**Date / Time:**	**Samples Received by:**
Samples Relinquished by: Shannon Dalton	**Date / Time:** 10-4 / 1800	**Received by:** Barbara Deacon TABurl 10/6/17 0935
Relinquished by:	**Date / Time:**	**Received by:**

Lab Use Only: **Shipper Name:** **Opened by:** **Condition:**

Form No. CA-C-WI-003, Rev. 2.5, dated 9/22/2017

10/17/2017

IN ID:DKKA (716) 691-2600
BRONSON
AMERICA
AZELWOOD

RST , NY 14228
ED STATES US

SHIP DATE: 050CT17
ACTWGT: 8.25 LB
CAD: 846654/CAFE3011

BILL RECIPIENT

AMPLE MGT.
A BURLINGTON
0 COMMUNITY DRIVE
UITE 11
OUTH BURLINGTON VT 05403
660-1990
: TA BURLINGTON

FedEx Express

1 of 3
5657 0123 0807
MASTER ##

FRI - 06 OCT 3:00P
STANDARD OVERNIGHT

C BTVA

05403
VT-US BTV

ORIGIN ID:DKKA (716) 691-2600
CHAR BRONSON
TEST AMERICA
10 HAZELWOOD

AMHERST , NY 14228
UNITED STATES US

SHIP DATE:
ACTWGT: 16
CAD: 8466

BILL RECIPIE

TO SAMPLE MGT.
TA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 660-1990
REF: TA BURLINGTON

FedEx Express

2 of 3
MPS# 0263 5657 0123 0818
Mstr# 5657 0123 0807

FRI - 06 OCT
STANDARD OVEP

NC BTVA

05403
VT-US BTV

Part# 156148V-434 RIT2 EXP 03/18

ORIGIN ID:DKKA (716) 691-2600
CHAR BRONSON
TEST AMERICA
10 HAZELWOOD

AMHERST , NY 14228
UNITED STATES US

BILL RECIPIENT

TO SAMPLE MGT.
TA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 660-1990
REF: TA BURLINGTON

FedEx Express

FRI - 06 OCT 3:00P
STANDARD OVERNIGHT

3 of 3
MPS# 0263 5657 0123 0829
Mstr# 5657 0123 0807

NC BTVA

05403
BTV

Part # 156148V-434 RIT2 EXP 03/18

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 200-40374-1

Login Number: 40374
List Number: 1
Creator: Lavigne, Scott M

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	NA: Lab does not accept radioactive samples
The cooler's custody seal, if present, is intact.	True	025583
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	No: Thermal preservation not required
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	No: Thermal preservation not required
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	# Cycles	Cleaning Date	Technician	Canister Size		Certification Type:	
Top Rack	20	6/23/2017	EJE	1L	6L	Individual	Batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	4916	.04	.05	.01	-29.5	G25	7.5.17	9AM	EE	22	G25	7.6.17	1030	EE	22
2	2707	.04	.04	0	-29.4	G25	6.26.17	9:00	EE	22	G25	7.10.17	14:30	EE	22
3	4307		.04	0	-29.4										
4	5465		.04	0	-29.4										
5	5985		.08	.04	-29.4										
6	5681		.08	.04	-29.4										
7	2522		.05	.01	-29.4										
8	6021		.04	0	-29.4										
9	3660		.10	.06	-29.4										
10	4332		.04	0	-29.4										
11	5110		.08	.04	-29.4										
12	4331		.09	.05	-29.4										

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ≤ TO15 Routine ≤ TO15 LL ≤ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Reviewer
4916	7/03/17	25721	KP		XXXX				7/03/17	PAD

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level 4: Individual or Batch Certification (TO15LLNJ 0.08 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Comments:

FAI023:04.26.17:10
TestAmerica Burlington

200-39070-A-1
4916
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 6/23/2017 12:00 AM 200-1047936
Loc: 200
39070
#1
A

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	# Cycles	Cleaning Date	Technician	Canister Size		Certification Type:	
Top Rack	20	9/6/2017	EJE	1L	6L	Individual	Batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	3659	.04	.05	.01	-29.2	G25	9.7.17	11:00	EE	23	G25	9.27.17	15:45	EE	23
2	5689	"	.05	.01	-29.4	"	"	"	"	"	"	"	"	"	"
3	4929	"	.05	.01	-29.4	"	"	"	"	"	"	"	"	"	"
4	5721	"	.05	.01	-29.2	"	"	"	"	"	"	"	"	"	"
5	5027	.04	.05	.01	-29.5	G25	9.11.17	15:45	EE	23	G25	9.12.17	16:00	EE	23
6	5017	.04	.05	.01	-29.2	G25	9.7.17	11:00	EE	23	"	9.27.17	15:45	"	"
7	5608	"	.05	.01	-29.4	"	"	"	"	"	"	"	"	"	"
8	3286	"	.27	.23	-29.2	"	"	"	"	"	"	"	"	"	"
9	3265	"	.05	.01	-29.2	"	"	"	"	"	"	"	"	"	"
10	5066	"	.05	.01	-29.2	"	"	"	"	"	"	"	"	"	"
11	4542	"	.05	.01	-29.2	"	"	"	"	"	"	"	"	"	"
12	4289	"	.05	.01	-29.4	"	"	"	"	"	"	"	"	"	"

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ≤ TO15 Routine ≤ TO15 LL ≤ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review: Limited	Review Date	Reviewer
5027	9/8/17	~~26675~~ 26775	KP mc 10/6/17		XXXX				9/8/17	MP

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level 4: Individual or Batch Certification (TO15LLNJ 0.08 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Comments:

FAI023:04.26.17:10
TestAmerica Burlington

200-39960-A-5
5027
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 9/6/2017 12:00 AM 200-1071320
Loc: 200
39960
#5
A

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-39070-1

SDG No.:

Client Sample ID: 4916 Lab Sample ID: 200-39070-1

Matrix: Air Lab File ID: 25721-23.D

Analysis Method: TO-15 Date Collected: 06/23/2017 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 07/01/2017 05:27

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 118144 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-39070-1

SDG No.:

Client Sample ID: 4916 Lab Sample ID: 200-39070-1

Matrix: Air Lab File ID: 25721-23.D

Analysis Method: TO-15 Date Collected: 06/23/2017 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 07/01/2017 05:27

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 118144 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-39070-1

SDG No.:

Client Sample ID: 4916 Lab Sample ID: 200-39070-1

Matrix: Air Lab File ID: 25721-23.D

Analysis Method: TO-15 Date Collected: 06/23/2017 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 07/01/2017 05:27

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 118144 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170630-25721.b\25721-23.D
Lims ID: 200-39070-A-1
Client ID: 4916
Sample Type: Client
Inject. Date: 01-Jul-2017 05:27:30 ALS Bottle#: 23 Worklist Smp#: 23
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0025721-023
Misc. Info.: 39070-01
Operator ID: pad Instrument ID: CHB.i

Method: \\ChromNA\Burlington\ChromData\CHB.i\20170630-25721.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 03-Jul-2017 13:25:38 Calib Date: 09-Jun-2017 10:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20170608-25406.b\25406-17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: puangmaleek Date: 03-Jul-2017 13:10:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		3.140				ND	
2 Dichlorodifluoromethane	85		3.199				ND	
3 Chlorodifluoromethane	51		3.236				ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.423				ND	
5 Chloromethane	50		3.545				ND	
6 Butane	43		3.722				ND	
7 Vinyl chloride	62		3.759				ND	
8 Butadiene	54		3.828				ND	
10 Bromomethane	94		4.495				ND	
11 Chloroethane	64		4.730				ND	
13 Vinyl bromide	106		5.141				ND	
14 Trichlorofluoromethane	101		5.243				ND	
16 Ethanol	45		5.718				ND	
19 1,1,2-Trichloro-1,2,2-trif	101		6.273				ND	
20 1,1-Dichloroethene	96		6.342				ND	
21 Acetone	43		6.497				ND	
22 Isopropyl alcohol	45		6.737				ND	
23 Carbon disulfide	76		6.769				ND	
24 3-Chloro-1-propene	41		7.041				ND	
27 Methylene Chloride	49	7.303	7.303	0.000	48	3145	0.1250	7
28 2-Methyl-2-propanol	59		7.436				ND	
29 Methyl tert-butyl ether	73		7.655				ND	
30 trans-1,2-Dichloroethene	61		7.708				ND	
32 Hexane	57		8.039				ND	
33 1,1-Dichloroethane	63		8.450				ND	
34 Vinyl acetate	43		8.461				ND	
36 2-Butanone (MEK)	72		9.347				ND	
37 cis-1,2-Dichloroethene	96		9.357				ND	
35 Ethyl acetate	88		9.363				ND	
* 39 Chlorobromomethane	128	9.715	9.726	-0.011	78	238508	10.0	
38 Tetrahydrofuran	42		9.742				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	40 Chloroform	83		9.800				ND	
S	41 1,2-Dichloroethene, Total	61		10.000				ND	
	42 1,1,1-Trichloroethane	97		10.056				ND	
	43 Cyclohexane	84		10.067				ND	
	44 Carbon tetrachloride	117		10.259				ND	
	45 Isooctane	57		10.542				ND	
	46 Benzene	78		10.585				ND	
	47 1,2-Dichloroethane	62		10.686				ND	
	48 n-Heptane	43		10.793				ND	
*	50 1,4-Difluorobenzene	114	11.124	11.129	-0.005	92	1177737	10.0	
	53 Trichloroethene	95		11.497				ND	
	54 1,2-Dichloropropane	63		11.866				ND	
	55 Methyl methacrylate	69		11.903				ND	
	56 1,4-Dioxane	88		11.999				ND	
	57 Dibromomethane	174		12.052				ND	
	58 Dichlorobromomethane	83		12.229				ND	
	60 cis-1,3-Dichloropropene	75		12.853				ND	
	61 4-Methyl-2-pentanone (MIBK	43		13.002				ND	
	64 Toluene	92		13.285				ND	
	66 trans-1,3-Dichloropropene	75		13.643				ND	
	67 1,1,2-Trichloroethane	83		13.915				ND	
	68 Tetrachloroethene	166		14.054				ND	
	69 2-Hexanone	43		14.182				ND	
	70 Chlorodibromomethane	129		14.470				ND	
	71 Ethylene Dibromide	107		14.673				ND	
*	72 Chlorobenzene-d5	117	15.228	15.233	-0.005	82	966678	10.0	
	73 Chlorobenzene	112		15.271				ND	
	74 Ethylbenzene	91		15.340				ND	
	76 m-Xylene & p-Xylene	106		15.484				ND	
	78 o-Xylene	106		15.996				ND	
S	77 Xylenes, Total	106		16.000				ND	
	79 Styrene	104		16.023				ND	
	80 Bromoform	173		16.311				ND	
	81 Isopropylbenzene	105		16.407				ND	
	83 1,1,2,2-Tetrachloroethane	83		16.813				ND	
	84 N-Propylbenzene	91		16.888				ND	
	87 4-Ethyltoluene	105		17.010				ND	
	88 2-Chlorotoluene	91		17.053				ND	
	89 1,3,5-Trimethylbenzene	105		17.080				ND	
	91 tert-Butylbenzene	119		17.453				ND	
	92 1,2,4-Trimethylbenzene	105		17.523				ND	
	93 sec-Butylbenzene	105		17.710				ND	
	94 4-Isopropyltoluene	119		17.864				ND	
	95 1,3-Dichlorobenzene	146		17.944				ND	
	96 1,4-Dichlorobenzene	146		18.057				ND	
	97 Benzyl chloride	91		18.206				ND	
	99 n-Butylbenzene	91		18.371				ND	
	100 1,2-Dichlorobenzene	146		18.542				ND	
	103 1,2,4-Trichlorobenzene	180		20.906				ND	
	104 Hexachlorobutadiene	225		21.067				ND	
	105 Naphthalene	128		21.387				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

ATTO15BISs_00006 Amount Added: 20.00 Units: mL Run Reagent

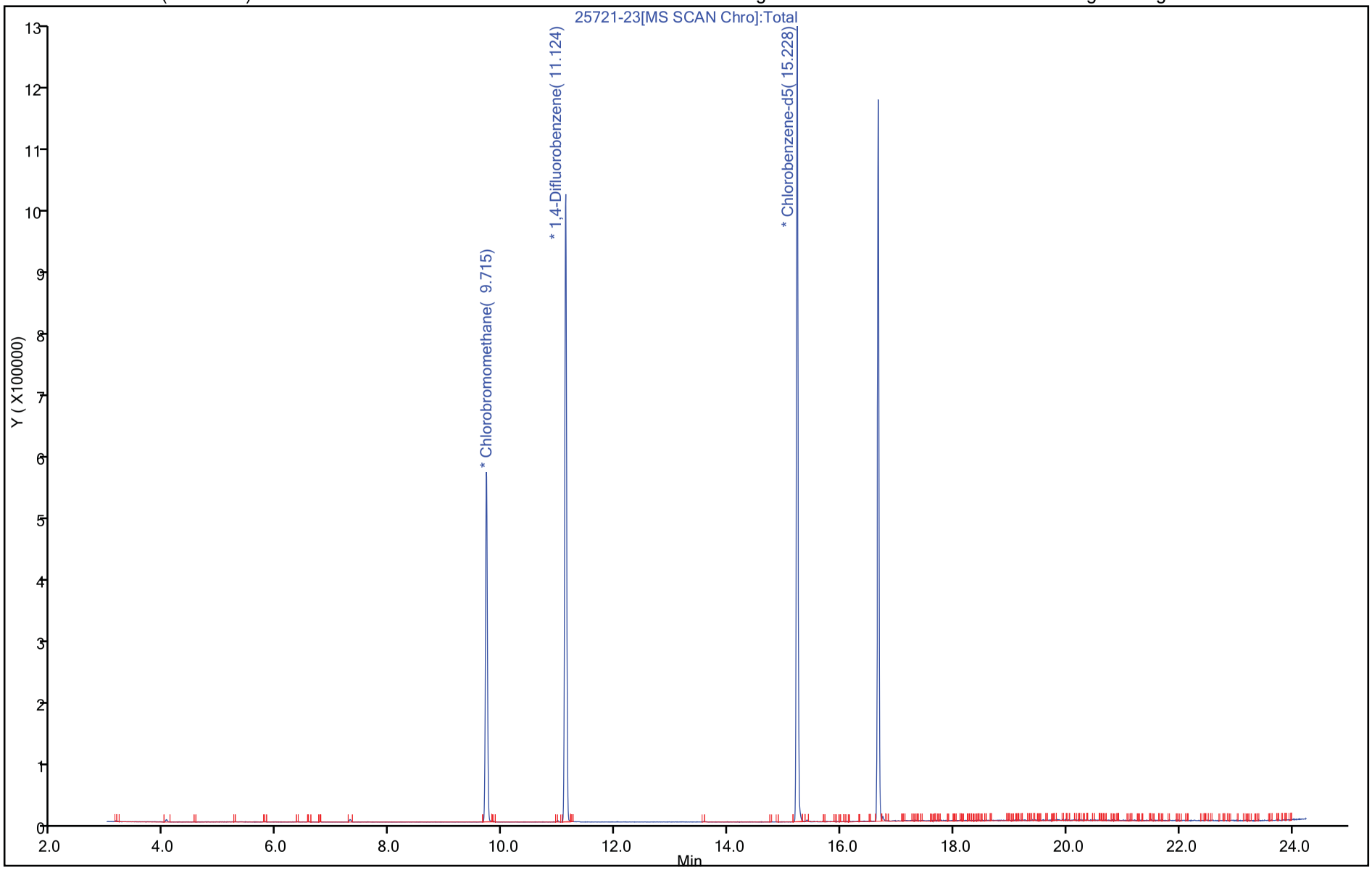
Report Date: 03-Jul-2017 10:03:25 Chrom Revision: 2.2 26-Jun-2017 09:07:56

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170630-25721.b\25721-23.D

Injection Date:	01-Jul-2017 05:27:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	200-39070-A-1	Lab Sample ID:	200-39070-1	Worklist Smp#:	23
Client ID:	4916				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	23
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-39960-1

SDG No.:

Client Sample ID: 5027 Lab Sample ID: 200-39960-5

Matrix: Air Lab File ID: 200-26775-020.D

Analysis Method: TO-15 Date Collected: 09/06/2017 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 09/08/2017 01:58

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 120665 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-39960-1

SDG No.:

Client Sample ID: 5027 Lab Sample ID: 200-39960-5

Matrix: Air Lab File ID: 200-26775-020.D

Analysis Method: TO-15 Date Collected: 09/06/2017 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 09/08/2017 01:58

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 120665 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-39960-1

SDG No.:

Client Sample ID: 5027 Lab Sample ID: 200-39960-5

Matrix: Air Lab File ID: 200-26775-020.D

Analysis Method: TO-15 Date Collected: 09/06/2017 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 09/08/2017 01:58

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 120665 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHG.i\20170907-26775.b\200-26775-020.D
Lims ID: 200-39960-A-5
Client ID: 5027
Sample Type: Client
Inject. Date: 08-Sep-2017 01:58:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0026775-020
Misc. Info.: 39960-05
Operator ID: vtp Instrument ID: CHG.i

Method: \\ChromNA\Burlington\ChromData\CHG.i\20170907-26775.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 08-Sep-2017 13:52:36 Calib Date: 24-Aug-2017 23:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Burlington\ChromData\CHG.i\20170824-26567.b\200-26567-010.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK006

First Level Reviewer: puangmaleek Date: 08-Sep-2017 13:52:36

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1	Propene	41		3.123				ND	
2	Dichlorodifluoromethane	85		3.176				ND	
3	Chlorodifluoromethane	51		3.219				ND	
4	1,2-Dichloro-1,1,2,2-tetra	85		3.390				ND	
5	Chloromethane	50		3.513				ND	
6	Butane	43		3.663				ND	
7	Vinyl chloride	62		3.706				ND	
8	Butadiene	54		3.765				ND	
10	Bromomethane	94		4.316				ND	
11	Chloroethane	64		4.497				ND	
13	Vinyl bromide	106		4.818				ND	
14	Trichlorofluoromethane	101		4.888				ND	
17	Ethanol	45		5.364				ND	
20	1,1,2-Trichloro-1,2,2-trif	101		5.771				ND	
21	1,1-Dichloroethene	96		5.835				ND	
22	Acetone	43		6.060				ND	
23	Carbon disulfide	76		6.204				ND	
24	Isopropyl alcohol	45		6.290				ND	
25	3-Chloro-1-propene	41		6.520				ND	
27	Methylene Chloride	49	6.776	6.776	0.000	1	507	0.0177	7
28	2-Methyl-2-propanol	59		6.985				ND	
29	Methyl tert-butyl ether	73		7.151				ND	
31	trans-1,2-Dichloroethene	61		7.172				ND	
33	Hexane	57		7.504				ND	
34	1,1-Dichloroethane	63		7.985				ND	
35	Vinyl acetate	43		8.044				ND	
37	cis-1,2-Dichloroethene	96		9.013				ND	
38	2-Butanone (MEK)	72		9.087				ND	
39	Ethyl acetate	88		9.104				ND	
* 40	Chlorobromomethane	128	9.451	9.462	-0.011	81	311160	10.0	
41	Tetrahydrofuran	42		9.494				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	42 Chloroform	83		9.569				ND	
S	30 1,2-Dichloroethene, Total	61		9.665				ND	
	43 Cyclohexane	84		9.810				ND	
	44 1,1,1-Trichloroethane	97		9.842				ND	
	45 Carbon tetrachloride	117		10.077				ND	
	46 Isooctane	57		10.484				ND	
	47 Benzene	78		10.543				ND	
	48 1,2-Dichloroethane	62		10.730				ND	
	49 n-Heptane	43		10.858				ND	
*	50 1,4-Difluorobenzene	114	11.361	11.361	0.000	95	1548649		10.0
	53 Trichloroethene	95		11.821				ND	
	54 1,2-Dichloropropane	63		12.378				ND	
	55 Methyl methacrylate	69		12.554				ND	
	56 1,4-Dioxane	88		12.629				ND	
	57 Dibromomethane	174		12.629				ND	
	58 Dichlorobromomethane	83		12.913				ND	
	60 cis-1,3-Dichloropropene	75		13.838				ND	
	61 4-Methyl-2-pentanone (MIBK	43		14.154				ND	
	65 Toluene	92		14.416				ND	
	66 trans-1,3-Dichloropropene	75		15.020				ND	
	67 1,1,2-Trichloroethane	83		15.395				ND	
	68 Tetrachloroethene	166		15.480				ND	
	69 2-Hexanone	43		15.876				ND	
	71 Chlorodibromomethane	129		16.149				ND	
	72 Ethylene Dibromide	107		16.422				ND	
*	74 Chlorobenzene-d5	117	17.321	17.321	0.000	89	1315851		10.0
	75 Chlorobenzene	112		17.385				ND	
	76 Ethylbenzene	91		17.540				ND	
	78 m-Xylene & p-Xylene	106		17.797				ND	
	79 o-Xylene	106		18.653				ND	
	80 Styrene	104		18.712				ND	
	81 Bromoform	173		19.156				ND	
	82 Isopropylbenzene	105		19.380				ND	
S	73 Xylenes, Total	106		19.600				ND	
	84 1,1,2,2-Tetrachloroethane	83		20.081				ND	
	85 N-Propylbenzene	91		20.145				ND	
	89 2-Chlorotoluene	91		20.343				ND	
	88 4-Ethyltoluene	105		20.343				ND	
	90 1,3,5-Trimethylbenzene	105		20.456				ND	
	92 tert-Butylbenzene	119		20.964				ND	
	93 1,2,4-Trimethylbenzene	105		21.060				ND	
	94 sec-Butylbenzene	105		21.301				ND	
	95 4-Isopropyltoluene	119		21.509				ND	
	96 1,3-Dichlorobenzene	146		21.531				ND	
	97 1,4-Dichlorobenzene	146		21.670				ND	
	98 Benzyl chloride	91		21.879				ND	
	100 n-Butylbenzene	91		22.087				ND	
	101 1,2-Dichlorobenzene	146		22.205				ND	
	103 1,2,4-Trichlorobenzene	180		24.660				ND	
	104 Hexachlorobutadiene	225		24.842				ND	
	105 Naphthalene	128		25.137				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

ATTO15GIS_00015 Amount Added: 20.00 Units: mL Run Reagent

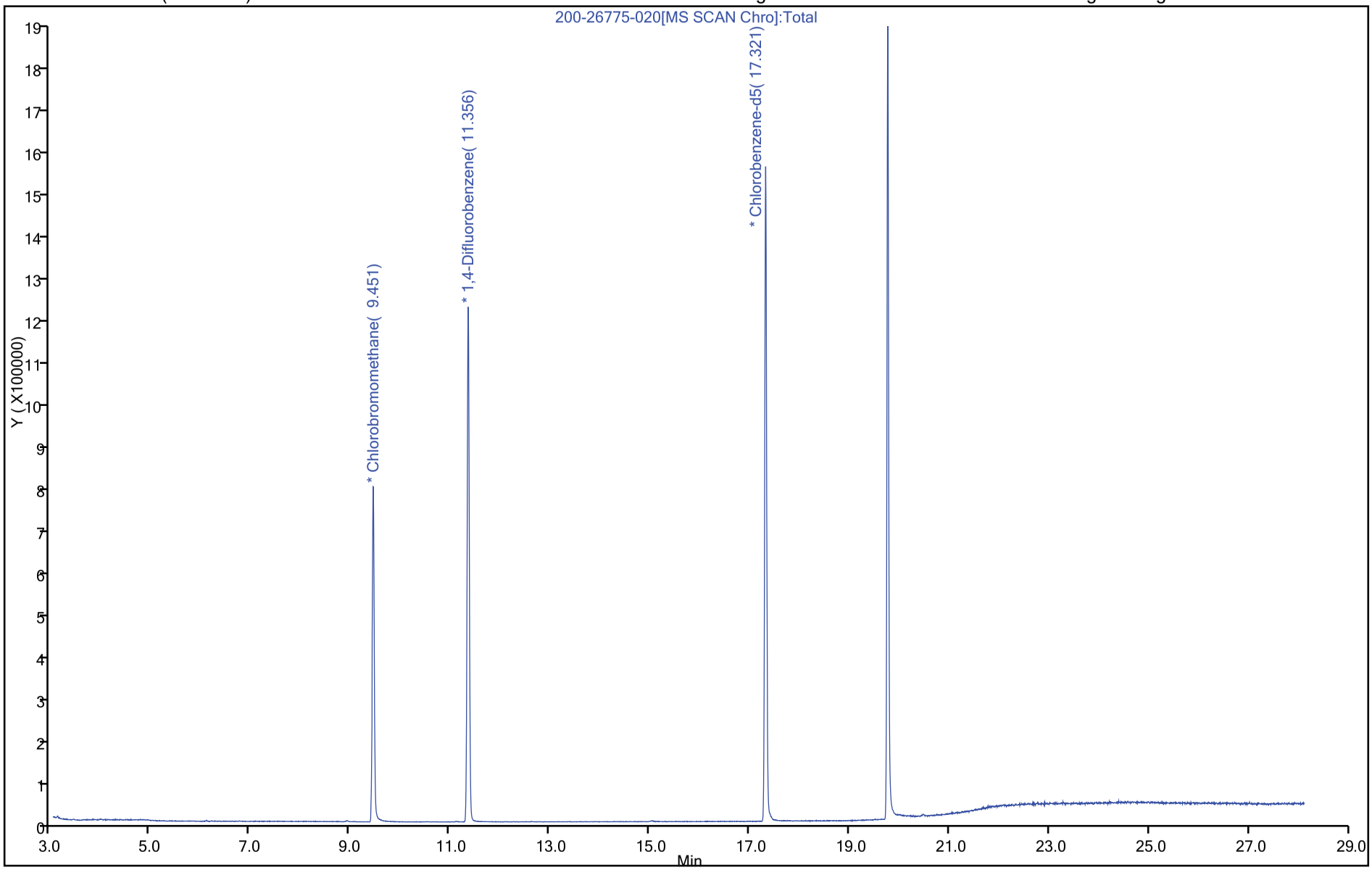
Report Date: 08-Sep-2017 13:52:36 Chrom Revision: 2.2 16-Aug-2017 16:24:46

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHG.i\20170907-26775.b\200-26775-020.D

Injection Date:	08-Sep-2017 01:58:30	Instrument ID:	CHG.i	Operator ID:	vtp
Lims ID:	200-39960-A-5	Lab Sample ID:	200-39960-5	Worklist Smp#:	20
Client ID:	5027				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	19
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-125383-1
Client Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

For:
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Attn: Adam Zebrowski

Authorized for release by:
10/19/2017 12:15:34 PM
Rebecca Jones, Project Management Assistant I
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Designee for

Melissa Deyo, Project Manager I
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LINKS

Review your project results through TotalAccess

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Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 480-125383-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-125383-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-125383-1

Receipt
The samples were received on 10/5/2017 6:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-381007 recovered above the upper control limit for 2-Butanone (MEK) and Carbon disulfide. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: SB-23 0.6-2FT (480-125383-1), SB-25 0.6-2FT (480-125383-3) and SB-25 2-4FT (480-125383-4).

Method(s) 8260C: Due to the co-elution of Ethyl Acetate with 2-Butanone in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) associated with batch 480-381007. The following samples were affected : SB-23 0.6-2FT (480-125383-1), SB-25 0.6-2FT (480-125383-3) and SB-25 2-4FT (480-125383-4).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-381443 recovered above the upper control limit for Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: SB-24 0.6-2FT (480-125383-2), SB-26 0.6-2FT (480-125383-5), SB-27 4-6FT (480-125383-6), SB-28 0.6-2FT (480-125383-7) and SB-29 0.6-2FT (480-125383-8).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-381658 recovered outside acceptance criteria, low biased, for Methylene Chloride. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-381658 recovered above the upper control limit for 2-Hexanone and Cyclohexane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: SB-23 0.6-2FT (480-125383-1), SB-25 0.6-2FT (480-125383-3) and SB-25 2-4FT (480-125383-4).

Method(s) 8260C: The following samples was analyzed using medium level soil analysis and diluted to bring the concentration of target analytes within the calibration range: SB-23 0.6-2FT (480-125383-1), SB-25 0.6-2FT (480-125383-3) and SB-25 2-4FT (480-125383-4). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The laboratory control sample (LCS) for preparation batch 480-382070 recovered outside control limits for the following analytes: 2-Hexanone, Cyclohexane, 1,2-Dichloroethane, Methyl acetate, 1,2-Dichloropropane, and 1,1,-Dichloroethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The following samples are impacted: SB-24 0.6-2FT (480-125383-2) and SB-26 0.6-2FT (480-125383-5)

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-382131 recovered above the upper control limit for 2-Hexanone and Cyclohexane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: SB-24 0.6-2FT (480-125383-2) and SB-26 0.6-2FT (480-125383-5).

Method(s) 8260C: The following samples were analyzed using medium level soil analysis and diluted to bring the concentration of target analytes within the calibration range: SB-24 0.6-2FT (480-125383-2) and SB-26 0.6-2FT (480-125383-5). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 480-125383-1

Client Sample ID: SB-23 0.6-2FT — Lab Sample ID: 480-125383-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	43		21	3.6	ug/Kg	1	☼	8260C	Total/NA
cis-1,2-Dichloroethene	56		4.2	0.54	ug/Kg	1	☼	8260C	Total/NA
trans-1,2-Dichloroethene	2.3	J	4.2	0.44	ug/Kg	1	☼	8260C	Total/NA
Trichloroethene	44		4.2	0.93	ug/Kg	1	☼	8260C	Total/NA
Tetrachloroethene - DL	6200		240	32	ug/Kg	8	☼	8260C	Total/NA

Client Sample ID: SB-24 0.6-2FT — Lab Sample ID: 480-125383-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	23		14	2.3	ug/Kg	1	☼	8260C	Total/NA
cis-1,2-Dichloroethene	29		2.7	0.35	ug/Kg	1	☼	8260C	Total/NA
trans-1,2-Dichloroethene	0.30	J	2.7	0.28	ug/Kg	1	☼	8260C	Total/NA
Trichloroethene	8.1		2.7	0.60	ug/Kg	1	☼	8260C	Total/NA
Tetrachloroethene - DL	64000		1400	190	ug/Kg	40	☼	8260C	Total/NA

Client Sample ID: SB-25 0.6-2FT — Lab Sample ID: 480-125383-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	10		3.3	0.41	ug/Kg	1	☼	8260C	Total/NA
Acetone	40		17	2.8	ug/Kg	1	☼	8260C	Total/NA
Chlorobenzene	4.9		3.3	0.44	ug/Kg	1	☼	8260C	Total/NA
Ethylbenzene	1.9	J	3.3	0.23	ug/Kg	1	☼	8260C	Total/NA
Toluene	7.0		3.3	0.25	ug/Kg	1	☼	8260C	Total/NA
trans-1,2-Dichloroethene	27		3.3	0.34	ug/Kg	1	☼	8260C	Total/NA
Vinyl chloride	4.1		3.3	0.40	ug/Kg	1	☼	8260C	Total/NA
Xylenes, Total	7.3		6.6	0.56	ug/Kg	1	☼	8260C	Total/NA
Tetrachloroethene - DL	140000		3500	470	ug/Kg	100	☼	8260C	Total/NA

Client Sample ID: SB-25 2-4FT — Lab Sample ID: 480-125383-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	5.9		2.1	0.26	ug/Kg	1	☼	8260C	Total/NA
4-Methyl-2-pentanone (MIBK)	1.9	J	11	0.69	ug/Kg	1	☼	8260C	Total/NA
Acetone	38		11	1.8	ug/Kg	1	☼	8260C	Total/NA
Chlorobenzene	5.7		2.1	0.28	ug/Kg	1	☼	8260C	Total/NA
Ethylbenzene	4.7		2.1	0.15	ug/Kg	1	☼	8260C	Total/NA
Isopropylbenzene	0.59	J	2.1	0.32	ug/Kg	1	☼	8260C	Total/NA
Toluene	15		2.1	0.16	ug/Kg	1	☼	8260C	Total/NA
trans-1,2-Dichloroethene	11		2.1	0.22	ug/Kg	1	☼	8260C	Total/NA
Vinyl chloride	35		2.1	0.26	ug/Kg	1	☼	8260C	Total/NA
Xylenes, Total	22		4.2	0.35	ug/Kg	1	☼	8260C	Total/NA
cis-1,2-Dichloroethene - DL	7600		950	260	ug/Kg	25	☼	8260C	Total/NA
Tetrachloroethene - DL	49000		950	130	ug/Kg	25	☼	8260C	Total/NA
Trichloroethene - DL	1900		950	260	ug/Kg	25	☼	8260C	Total/NA

Client Sample ID: SB-26 0.6-2FT — Lab Sample ID: 480-125383-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.2	J	12	2.0	ug/Kg	1	☼	8260C	Total/NA
cis-1,2-Dichloroethene	14		2.4	0.31	ug/Kg	1	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-26 0.6-2FT (Continued) — Lab Sample ID: 480-125383-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	4.1		2.4	0.53	ug/Kg	1	☼	8260C	Total/NA
Tetrachloroethene - DL	7700		150	21	ug/Kg	5	☼	8260C	Total/NA

Client Sample ID: SB-27 4-6FT — Lab Sample ID: 480-125383-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	14		13	2.1	ug/Kg	1	☼	8260C	Total/NA
cis-1,2-Dichloroethene	0.90	J	2.5	0.32	ug/Kg	1	☼	8260C	Total/NA
Tetrachloroethene	15	B	2.5	0.34	ug/Kg	1	☼	8260C	Total/NA

Client Sample ID: SB-28 0.6-2FT — Lab Sample ID: 480-125383-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	25		17	2.9	ug/Kg	1	☼	8260C	Total/NA
cis-1,2-Dichloroethene	0.45	J	3.5	0.44	ug/Kg	1	☼	8260C	Total/NA
Tetrachloroethene	6.4	B	3.5	0.47	ug/Kg	1	☼	8260C	Total/NA

Client Sample ID: SB-29 0.6-2FT — Lab Sample ID: 480-125383-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	37		16	2.8	ug/Kg	1	☼	8260C	Total/NA
cis-1,2-Dichloroethene	24		3.3	0.42	ug/Kg	1	☼	8260C	Total/NA
Cyclohexane	0.70	J	3.3	0.46	ug/Kg	1	☼	8260C	Total/NA
Tetrachloroethene	0.99	J B	3.3	0.44	ug/Kg	1	☼	8260C	Total/NA
trans-1,2-Dichloroethene	1.5	J	3.3	0.34	ug/Kg	1	☼	8260C	Total/NA
Vinyl chloride	2.4	J	3.3	0.40	ug/Kg	1	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-23 0.6-2FT
Date Collected: 10/05/17 10:45
Date Received: 10/05/17 18:20

Lab Sample ID: 480-125383-1
Matrix: Solid
Percent Solids: 84.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.2	0.31	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
1,1,2,2-Tetrachloroethane	ND		4.2	0.69	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
1,1,2-Trichloroethane	ND		4.2	0.55	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.2	0.97	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
1,1-Dichloroethane	ND		4.2	0.52	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
1,1-Dichloroethene	ND		4.2	0.52	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
1,2,4-Trichlorobenzene	ND		4.2	0.26	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
1,2-Dibromo-3-Chloropropane	ND		4.2	2.1	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
1,2-Dichlorobenzene	ND		4.2	0.33	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
1,2-Dichloroethane	ND		4.2	0.21	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
1,2-Dichloropropane	ND		4.2	2.1	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
1,3-Dichlorobenzene	ND		4.2	0.22	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
1,4-Dichlorobenzene	ND		4.2	0.59	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
2-Butanone (MEK)	ND	*	21	1.6	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
2-Hexanone	ND		21	2.1	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
4-Methyl-2-pentanone (MIBK)	ND		21	1.4	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Acetone	**43**		21	3.6	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Benzene	ND		4.2	0.21	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Bromodichloromethane	ND		4.2	0.57	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Bromoform	ND		4.2	2.1	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Bromomethane	ND		4.2	0.38	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Carbon disulfide	ND		4.2	2.1	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Carbon tetrachloride	ND		4.2	0.41	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Chlorobenzene	ND		4.2	0.56	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Dibromochloromethane	ND		4.2	0.54	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Chloroethane	ND		4.2	0.96	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Chloroform	ND		4.2	0.26	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Chloromethane	ND		4.2	0.26	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
cis-1,2-Dichloroethene	**56**		4.2	0.54	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
cis-1,3-Dichloropropene	ND		4.2	0.61	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Cyclohexane	ND		4.2	0.59	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Dichlorodifluoromethane	ND		4.2	0.35	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Ethylbenzene	ND		4.2	0.29	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
1,2-Dibromoethane	ND		4.2	0.54	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Isopropylbenzene	ND		4.2	0.64	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Methyl acetate	ND		21	2.6	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Methyl tert-butyl ether	ND		4.2	0.42	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Methylcyclohexane	ND		4.2	0.64	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Methylene Chloride	ND		4.2	1.9	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Styrene	ND		4.2	0.21	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Toluene	ND		4.2	0.32	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
trans-1,2-Dichloroethene	**2.3**	**J**	4.2	0.44	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
trans-1,3-Dichloropropene	ND		4.2	1.9	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Trichloroethene	**44**		4.2	0.93	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Trichlorofluoromethane	ND		4.2	0.40	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Vinyl chloride	ND		4.2	0.52	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1
Xylenes, Total	ND		8.5	0.71	ug/Kg	☼	10/06/17 01:30	10/10/17 16:13	1

Client Sample ID: SB-23 0.6-2FT

Lab Sample ID: 480-125383-1

Date Collected: 10/05/17 10:45
Matrix: Solid
Date Received: 10/05/17 18:20
Percent Solids: 84.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		71 - 125	10/06/17 01:30	10/10/17 16:13	1
1,2-Dichloroethane-d4 (Surr)	100		64 - 126	10/06/17 01:30	10/10/17 16:13	1
4-Bromofluorobenzene (Surr)	95		72 - 126	10/06/17 01:30	10/10/17 16:13	1
Dibromofluoromethane (Surr)	101		60 - 140	10/06/17 01:30	10/10/17 16:13	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	6200		240	32	ug/Kg	☼	10/12/17 11:14	10/13/17 19:28	8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		50 - 149	10/12/17 11:14	10/13/17 19:28	8
1,2-Dichloroethane-d4 (Surr)	104		53 - 146	10/12/17 11:14	10/13/17 19:28	8
4-Bromofluorobenzene (Surr)	93		49 - 148	10/12/17 11:14	10/13/17 19:28	8
Dibromofluoromethane (Surr)	89		60 - 140	10/12/17 11:14	10/13/17 19:28	8

Client Sample ID: SB-24 0.6-2FT

Lab Sample ID: 480-125383-2

Date Collected: 10/05/17 11:30
Matrix: Solid
Date Received: 10/05/17 18:20
Percent Solids: 92.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	0.20	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
1,1,2,2-Tetrachloroethane	ND		2.7	0.44	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
1,1,2-Trichloroethane	ND		2.7	0.35	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.7	0.62	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
1,1-Dichloroethane	ND		2.7	0.33	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
1,1-Dichloroethene	ND		2.7	0.33	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
1,2,4-Trichlorobenzene	ND		2.7	0.17	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
1,2-Dibromo-3-Chloropropane	ND		2.7	1.4	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
1,2-Dichlorobenzene	ND		2.7	0.21	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
1,2-Dichloroethane	ND		2.7	0.14	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
1,2-Dichloropropane	ND		2.7	1.4	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
1,3-Dichlorobenzene	ND		2.7	0.14	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
1,4-Dichlorobenzene	ND		2.7	0.38	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
2-Butanone (MEK)	ND		14	1.0	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
2-Hexanone	ND		14	1.4	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
4-Methyl-2-pentanone (MIBK)	ND		14	0.89	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Acetone	23		14	2.3	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Benzene	ND		2.7	0.13	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Bromodichloromethane	ND		2.7	0.37	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Bromoform	ND		2.7	1.4	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Bromomethane	ND		2.7	0.25	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Carbon disulfide	ND		2.7	1.4	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Carbon tetrachloride	ND		2.7	0.26	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Chlorobenzene	ND		2.7	0.36	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Dibromochloromethane	ND		2.7	0.35	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Chloroethane	ND		2.7	0.62	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Chloroform	ND		2.7	0.17	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Chloromethane	ND		2.7	0.16	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
cis-1,2-Dichloroethene	29		2.7	0.35	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
cis-1,3-Dichloropropene	ND		2.7	0.39	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1

Client Sample ID: SB-24 0.6-2FT

Date Collected: 10/05/17 11:30
Date Received: 10/05/17 18:20

Lab Sample ID: 480-125383-2

Matrix: Solid
Percent Solids: 92.0

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		2.7	0.38	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Dichlorodifluoromethane	ND		2.7	0.23	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Ethylbenzene	ND		2.7	0.19	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
1,2-Dibromoethane	ND		2.7	0.35	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Isopropylbenzene	ND		2.7	0.41	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Methyl acetate	ND		14	1.6	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Methyl tert-butyl ether	ND		2.7	0.27	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Methylcyclohexane	ND		2.7	0.41	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Methylene Chloride	ND		2.7	1.3	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Styrene	ND		2.7	0.14	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Toluene	ND		2.7	0.21	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
trans-1,2-Dichloroethene	**0.30**	**J**	2.7	0.28	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
trans-1,3-Dichloropropene	ND		2.7	1.2	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Trichloroethene	**8.1**		2.7	0.60	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Trichlorofluoromethane	ND		2.7	0.26	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Vinyl chloride	ND		2.7	0.33	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1
Xylenes, Total	ND		5.5	0.46	ug/Kg	☼	10/06/17 01:30	10/12/17 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*71 - 125*	*10/06/17 01:30*	*10/12/17 20:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*	*10/06/17 01:30*	*10/12/17 20:37*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 126*	*10/06/17 01:30*	*10/12/17 20:37*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*10/06/17 01:30*	*10/12/17 20:37*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**64000**		1400	190	ug/Kg	☼	10/16/17 16:26	10/17/17 19:20	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*50 - 149*	*10/16/17 16:26*	*10/17/17 19:20*	*40*
1,2-Dichloroethane-d4 (Surr)	*110*		*53 - 146*	*10/16/17 16:26*	*10/17/17 19:20*	*40*
4-Bromofluorobenzene (Surr)	*102*		*49 - 148*	*10/16/17 16:26*	*10/17/17 19:20*	*40*
Dibromofluoromethane (Surr)	*90*		*60 - 140*	*10/16/17 16:26*	*10/17/17 19:20*	*40*

Client Sample ID: SB-25 0.6-2FT

Date Collected: 10/05/17 12:00
Date Received: 10/05/17 18:20

Lab Sample ID: 480-125383-3

Matrix: Solid
Percent Solids: 86.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.3	0.24	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
1,1,2,2-Tetrachloroethane	ND		3.3	0.54	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
1,1,2-Trichloroethane	ND		3.3	0.43	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.3	0.76	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
1,1-Dichloroethane	ND		3.3	0.40	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
1,1-Dichloroethene	**10**		3.3	0.41	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
1,2,4-Trichlorobenzene	ND		3.3	0.20	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
1,2-Dibromo-3-Chloropropane	ND		3.3	1.7	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
1,2-Dichlorobenzene	ND		3.3	0.26	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
1,2-Dichloroethane	ND		3.3	0.17	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1

Client Sample ID: SB-25 0.6-2FT
Date Collected: 10/05/17 12:00
Date Received: 10/05/17 18:20

Lab Sample ID: 480-125383-3
Matrix: Solid
Percent Solids: 86.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		3.3	1.7	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
1,3-Dichlorobenzene	ND		3.3	0.17	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
1,4-Dichlorobenzene	ND		3.3	0.46	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
2-Butanone (MEK)	ND	*	17	1.2	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
2-Hexanone	ND		17	1.7	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
4-Methyl-2-pentanone (MIBK)	ND		17	1.1	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Acetone	**40**		17	2.8	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Benzene	ND		3.3	0.16	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Bromodichloromethane	ND		3.3	0.44	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Bromoform	ND		3.3	1.7	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Bromomethane	ND		3.3	0.30	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Carbon disulfide	ND		3.3	1.7	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Carbon tetrachloride	ND		3.3	0.32	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Chlorobenzene	**4.9**		3.3	0.44	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Dibromochloromethane	ND		3.3	0.42	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Chloroethane	ND		3.3	0.75	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Chloroform	ND		3.3	0.20	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Chloromethane	ND		3.3	0.20	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
cis-1,3-Dichloropropene	ND		3.3	0.48	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Cyclohexane	ND		3.3	0.46	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Dichlorodifluoromethane	ND		3.3	0.27	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Ethylbenzene	**1.9**	**J**	3.3	0.23	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
1,2-Dibromoethane	ND		3.3	0.43	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Isopropylbenzene	ND		3.3	0.50	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Methyl acetate	ND		17	2.0	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Methyl tert-butyl ether	ND		3.3	0.33	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Methylcyclohexane	ND		3.3	0.50	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Methylene Chloride	ND		3.3	1.5	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Styrene	ND		3.3	0.17	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Toluene	**7.0**		3.3	0.25	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
trans-1,2-Dichloroethene	**27**		3.3	0.34	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
trans-1,3-Dichloropropene	ND		3.3	1.5	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Trichlorofluoromethane	ND		3.3	0.31	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Vinyl chloride	**4.1**		3.3	0.40	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1
Xylenes, Total	**7.3**		6.6	0.56	ug/Kg	☼	10/06/17 01:30	10/10/17 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*71 - 125*	*10/06/17 01:30*	*10/10/17 17:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*10/06/17 01:30*	*10/10/17 17:04*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*	*10/06/17 01:30*	*10/10/17 17:04*	*1*
Dibromofluoromethane (Surr)	*107*		*60 - 140*	*10/06/17 01:30*	*10/10/17 17:04*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**140000**		3500	470	ug/Kg	☼	10/12/17 11:14	10/13/17 19:55	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*50 - 149*	*10/12/17 11:14*	*10/13/17 19:55*	*100*
1,2-Dichloroethane-d4 (Surr)	*105*		*53 - 146*	*10/12/17 11:14*	*10/13/17 19:55*	*100*
4-Bromofluorobenzene (Surr)	*93*		*49 - 148*	*10/12/17 11:14*	*10/13/17 19:55*	*100*

Client Sample ID: SB-25 0.6-2FT

Lab Sample ID: 480-125383-3
Date Collected: 10/05/17 12:00
Matrix: Solid
Date Received: 10/05/17 18:20
Percent Solids: 86.8

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	90		60 - 140	10/12/17 11:14	10/13/17 19:55	100

Client Sample ID: SB-25 2-4FT

Lab Sample ID: 480-125383-4
Date Collected: 10/05/17 12:00
Matrix: Solid
Date Received: 10/05/17 18:20
Percent Solids: 88.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.1	0.15	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
1,1,2,2-Tetrachloroethane	ND		2.1	0.34	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
1,1,2-Trichloroethane	ND		2.1	0.27	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.1	0.48	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
1,1-Dichloroethane	ND		2.1	0.26	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
1,1-Dichloroethene	**5.9**		2.1	0.26	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
1,2,4-Trichlorobenzene	ND		2.1	0.13	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
1,2-Dibromo-3-Chloropropane	ND		2.1	1.1	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
1,2-Dichlorobenzene	ND		2.1	0.16	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
1,2-Dichloroethane	ND		2.1	0.11	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
1,2-Dichloropropane	ND		2.1	1.1	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
1,3-Dichlorobenzene	ND		2.1	0.11	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
1,4-Dichlorobenzene	ND		2.1	0.30	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
2-Butanone (MEK)	ND	*	11	0.77	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
2-Hexanone	ND		11	1.1	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
4-Methyl-2-pentanone (MIBK)	**1.9**	**J**	11	0.69	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Acetone	**38**		11	1.8	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Benzene	ND		2.1	0.10	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Bromodichloromethane	ND		2.1	0.28	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Bromoform	ND		2.1	1.1	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Bromomethane	ND		2.1	0.19	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Carbon disulfide	ND		2.1	1.1	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Carbon tetrachloride	ND		2.1	0.20	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Chlorobenzene	**5.7**		2.1	0.28	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Dibromochloromethane	ND		2.1	0.27	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Chloroethane	ND		2.1	0.48	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Chloroform	ND		2.1	0.13	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Chloromethane	ND		2.1	0.13	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
cis-1,3-Dichloropropene	ND		2.1	0.30	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Cyclohexane	ND		2.1	0.30	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Dichlorodifluoromethane	ND		2.1	0.17	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Ethylbenzene	**4.7**		2.1	0.15	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
1,2-Dibromoethane	ND		2.1	0.27	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Isopropylbenzene	**0.59**	**J**	2.1	0.32	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Methyl acetate	ND		11	1.3	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Methyl tert-butyl ether	ND		2.1	0.21	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Methylcyclohexane	ND		2.1	0.32	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Methylene Chloride	ND		2.1	0.97	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Styrene	ND		2.1	0.11	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Toluene	**15**		2.1	0.16	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
trans-1,2-Dichloroethene	**11**		2.1	0.22	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1

Client Sample ID: SB-25 2-4FT

Date Collected: 10/05/17 12:00
Date Received: 10/05/17 18:20

Lab Sample ID: 480-125383-4
Matrix: Solid
Percent Solids: 88.1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		2.1	0.93	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Trichlorofluoromethane	ND		2.1	0.20	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Vinyl chloride	**35**		2.1	0.26	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1
Xylenes, Total	**22**		4.2	0.35	ug/Kg	☼	10/06/17 01:30	10/10/17 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*122*		*71 - 125*	*10/06/17 01:30*	*10/10/17 17:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*10/06/17 01:30*	*10/10/17 17:30*	*1*
4-Bromofluorobenzene (Surr)	*109*		*72 - 126*	*10/06/17 01:30*	*10/10/17 17:30*	*1*
Dibromofluoromethane (Surr)	*107*		*60 - 140*	*10/06/17 01:30*	*10/10/17 17:30*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**7600**		950	260	ug/Kg	☼	10/12/17 11:14	10/13/17 20:22	25
Tetrachloroethene	**49000**		950	130	ug/Kg	☼	10/12/17 11:14	10/13/17 20:22	25
Trichloroethene	**1900**		950	260	ug/Kg	☼	10/12/17 11:14	10/13/17 20:22	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*50 - 149*	*10/12/17 11:14*	*10/13/17 20:22*	*25*
1,2-Dichloroethane-d4 (Surr)	*106*		*53 - 146*	*10/12/17 11:14*	*10/13/17 20:22*	*25*
4-Bromofluorobenzene (Surr)	*96*		*49 - 148*	*10/12/17 11:14*	*10/13/17 20:22*	*25*
Dibromofluoromethane (Surr)	*95*		*60 - 140*	*10/12/17 11:14*	*10/13/17 20:22*	*25*

Client Sample ID: SB-26 0.6-2FT

Date Collected: 10/05/17 12:55
Date Received: 10/05/17 18:20

Lab Sample ID: 480-125383-5
Matrix: Solid
Percent Solids: 92.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.4	0.17	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
1,1,2,2-Tetrachloroethane	ND		2.4	0.39	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
1,1,2-Trichloroethane	ND		2.4	0.31	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.4	0.55	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
1,1-Dichloroethane	ND		2.4	0.29	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
1,1-Dichloroethene	ND		2.4	0.29	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
1,2,4-Trichlorobenzene	ND		2.4	0.15	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
1,2-Dibromo-3-Chloropropane	ND		2.4	1.2	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
1,2-Dichlorobenzene	ND		2.4	0.19	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
1,2-Dichloroethane	ND		2.4	0.12	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
1,2-Dichloropropane	ND		2.4	1.2	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
1,3-Dichlorobenzene	ND		2.4	0.12	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
1,4-Dichlorobenzene	ND		2.4	0.34	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
2-Butanone (MEK)	ND		12	0.88	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
2-Hexanone	ND		12	1.2	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
4-Methyl-2-pentanone (MIBK)	ND		12	0.79	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Acetone	**6.2**	**J**	12	2.0	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Benzene	ND		2.4	0.12	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Bromodichloromethane	ND		2.4	0.32	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Bromoform	ND		2.4	1.2	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Bromomethane	ND		2.4	0.22	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1

Client Sample ID: SB-26 0.6-2FT

Date Collected: 10/05/17 12:55
Date Received: 10/05/17 18:20

Lab Sample ID: 480-125383-5

Matrix: Solid
Percent Solids: 92.3

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		2.4	1.2	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Carbon tetrachloride	ND		2.4	0.23	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Chlorobenzene	ND		2.4	0.32	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Dibromochloromethane	ND		2.4	0.31	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Chloroethane	ND		2.4	0.54	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Chloroform	ND		2.4	0.15	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Chloromethane	ND		2.4	0.14	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
cis-1,2-Dichloroethene	**14**		2.4	0.31	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
cis-1,3-Dichloropropene	ND		2.4	0.35	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Cyclohexane	ND		2.4	0.34	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Dichlorodifluoromethane	ND		2.4	0.20	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Ethylbenzene	ND		2.4	0.17	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
1,2-Dibromoethane	ND		2.4	0.31	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Isopropylbenzene	ND		2.4	0.36	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Methyl acetate	ND		12	1.4	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Methyl tert-butyl ether	ND		2.4	0.24	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Methylcyclohexane	ND		2.4	0.36	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Methylene Chloride	ND		2.4	1.1	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Styrene	ND		2.4	0.12	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Toluene	ND		2.4	0.18	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
trans-1,2-Dichloroethene	ND		2.4	0.25	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
trans-1,3-Dichloropropene	ND		2.4	1.1	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Trichloroethene	**4.1**		2.4	0.53	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Trichlorofluoromethane	ND		2.4	0.23	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Vinyl chloride	ND		2.4	0.29	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1
Xylenes, Total	ND		4.8	0.40	ug/Kg	☼	10/06/17 01:30	10/12/17 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*71 - 125*	*10/06/17 01:30*	*10/12/17 21:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*10/06/17 01:30*	*10/12/17 21:03*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*10/06/17 01:30*	*10/12/17 21:03*	*1*
Dibromofluoromethane (Surr)	*106*		*60 - 140*	*10/06/17 01:30*	*10/12/17 21:03*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**7700**		150	21	ug/Kg	☼	10/16/17 16:26	10/17/17 19:47	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*50 - 149*	*10/16/17 16:26*	*10/17/17 19:47*	*5*
1,2-Dichloroethane-d4 (Surr)	*105*		*53 - 146*	*10/16/17 16:26*	*10/17/17 19:47*	*5*
4-Bromofluorobenzene (Surr)	*101*		*49 - 148*	*10/16/17 16:26*	*10/17/17 19:47*	*5*
Dibromofluoromethane (Surr)	*88*		*60 - 140*	*10/16/17 16:26*	*10/17/17 19:47*	*5*

Client Sample ID: SB-27 4-6FT

Date Collected: 10/05/17 13:45
Date Received: 10/05/17 18:20

Lab Sample ID: 480-125383-6

Matrix: Solid
Percent Solids: 87.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.5	0.18	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1

Client Sample ID: SB-27 4-6FT
Date Collected: 10/05/17 13:45
Date Received: 10/05/17 18:20

Lab Sample ID: 480-125383-6
Matrix: Solid
Percent Solids: 87.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		2.5	0.41	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
1,1,2-Trichloroethane	ND		2.5	0.33	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.5	0.58	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
1,1-Dichloroethane	ND		2.5	0.31	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
1,1-Dichloroethene	ND		2.5	0.31	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
1,2,4-Trichlorobenzene	ND		2.5	0.15	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
1,2-Dibromo-3-Chloropropane	ND		2.5	1.3	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
1,2-Dichlorobenzene	ND		2.5	0.20	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
1,2-Dichloroethane	ND		2.5	0.13	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
1,2-Dichloropropane	ND		2.5	1.3	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
1,3-Dichlorobenzene	ND		2.5	0.13	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
1,4-Dichlorobenzene	ND		2.5	0.35	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
2-Butanone (MEK)	ND		13	0.93	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
2-Hexanone	ND		13	1.3	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
4-Methyl-2-pentanone (MIBK)	ND		13	0.83	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Acetone	**14**		13	2.1	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Benzene	ND		2.5	0.12	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Bromodichloromethane	ND		2.5	0.34	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Bromoform	ND		2.5	1.3	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Bromomethane	ND		2.5	0.23	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Carbon disulfide	ND		2.5	1.3	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Carbon tetrachloride	ND		2.5	0.25	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Chlorobenzene	ND		2.5	0.33	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Dibromochloromethane	ND		2.5	0.32	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Chloroethane	ND		2.5	0.57	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Chloroform	ND		2.5	0.16	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Chloromethane	ND		2.5	0.15	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
cis-1,2-Dichloroethene	**0.90**	**J**	2.5	0.32	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
cis-1,3-Dichloropropene	ND		2.5	0.36	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Cyclohexane	ND		2.5	0.35	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Dichlorodifluoromethane	ND		2.5	0.21	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Ethylbenzene	ND		2.5	0.17	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
1,2-Dibromoethane	ND		2.5	0.33	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Isopropylbenzene	ND		2.5	0.38	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Methyl acetate	ND		13	1.5	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Methyl tert-butyl ether	ND		2.5	0.25	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Methylcyclohexane	ND		2.5	0.38	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Methylene Chloride	ND		2.5	1.2	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Styrene	ND		2.5	0.13	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Tetrachloroethene	**15**	**B**	2.5	0.34	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Toluene	ND		2.5	0.19	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
trans-1,2-Dichloroethene	ND		2.5	0.26	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
trans-1,3-Dichloropropene	ND		2.5	1.1	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Trichloroethene	ND		2.5	0.56	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Trichlorofluoromethane	ND		2.5	0.24	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Vinyl chloride	ND		2.5	0.31	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1
Xylenes, Total	ND		5.1	0.43	ug/Kg	☼	10/06/17 01:30	10/12/17 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*71 - 125*	*10/06/17 01:30*	*10/12/17 21:28*	*1*

Client Sample ID: SB-27 4-6FT

Lab Sample ID: 480-125383-6
Date Collected: 10/05/17 13:45
Matrix: Solid
Date Received: 10/05/17 18:20
Percent Solids: 87.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 126*	*10/06/17 01:30*	*10/12/17 21:28*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*	*10/06/17 01:30*	*10/12/17 21:28*	*1*
Dibromofluoromethane (Surr)	*107*		*60 - 140*	*10/06/17 01:30*	*10/12/17 21:28*	*1*

Client Sample ID: SB-28 0.6-2FT

Lab Sample ID: 480-125383-7
Date Collected: 10/05/17 14:10
Matrix: Solid
Date Received: 10/05/17 18:20
Percent Solids: 84.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.5	0.25	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
1,1,2,2-Tetrachloroethane	ND		3.5	0.56	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
1,1,2-Trichloroethane	ND		3.5	0.45	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.5	0.79	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
1,1-Dichloroethane	ND		3.5	0.42	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
1,1-Dichloroethene	ND		3.5	0.43	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
1,2,4-Trichlorobenzene	ND		3.5	0.21	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
1,2-Dibromo-3-Chloropropane	ND		3.5	1.7	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
1,2-Dichlorobenzene	ND		3.5	0.27	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
1,2-Dichloroethane	ND		3.5	0.17	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
1,2-Dichloropropane	ND		3.5	1.7	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
1,3-Dichlorobenzene	ND		3.5	0.18	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
1,4-Dichlorobenzene	ND		3.5	0.49	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
2-Butanone (MEK)	ND		17	1.3	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
2-Hexanone	ND		17	1.7	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
4-Methyl-2-pentanone (MIBK)	ND		17	1.1	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Acetone	**25**		17	2.9	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Benzene	ND		3.5	0.17	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Bromodichloromethane	ND		3.5	0.47	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Bromoform	ND		3.5	1.7	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Bromomethane	ND		3.5	0.31	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Carbon disulfide	ND		3.5	1.7	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Carbon tetrachloride	ND		3.5	0.34	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Chlorobenzene	ND		3.5	0.46	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Dibromochloromethane	ND		3.5	0.44	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Chloroethane	ND		3.5	0.79	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Chloroform	ND		3.5	0.21	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Chloromethane	ND		3.5	0.21	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
cis-1,2-Dichloroethene	**0.45**	**J**	3.5	0.44	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
cis-1,3-Dichloropropene	ND		3.5	0.50	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Cyclohexane	ND		3.5	0.49	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Dichlorodifluoromethane	ND		3.5	0.29	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Ethylbenzene	ND		3.5	0.24	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
1,2-Dibromoethane	ND		3.5	0.45	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Isopropylbenzene	ND		3.5	0.52	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Methyl acetate	ND		17	2.1	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Methyl tert-butyl ether	ND		3.5	0.34	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Methylcyclohexane	ND		3.5	0.53	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Methylene Chloride	ND		3.5	1.6	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1

Client Sample ID: SB-28 0.6-2FT

Date Collected: 10/05/17 14:10
Date Received: 10/05/17 18:20

Lab Sample ID: 480-125383-7
Matrix: Solid
Percent Solids: 84.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		3.5	0.17	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Tetrachloroethene	**6.4**	**B**	3.5	0.47	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Toluene	ND		3.5	0.26	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
trans-1,2-Dichloroethene	ND		3.5	0.36	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
trans-1,3-Dichloropropene	ND		3.5	1.5	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Trichloroethene	ND		3.5	0.76	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Trichlorofluoromethane	ND		3.5	0.33	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Vinyl chloride	ND		3.5	0.42	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1
Xylenes, Total	ND		7.0	0.58	ug/Kg	☼	10/06/17 01:30	10/12/17 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*71 - 125*	*10/06/17 01:30*	*10/12/17 21:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*	*10/06/17 01:30*	*10/12/17 21:54*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 126*	*10/06/17 01:30*	*10/12/17 21:54*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*10/06/17 01:30*	*10/12/17 21:54*	*1*

Client Sample ID: SB-29 0.6-2FT

Date Collected: 10/05/17 15:40
Date Received: 10/05/17 18:20

Lab Sample ID: 480-125383-8
Matrix: Solid
Percent Solids: 87.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.3	0.24	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
1,1,2,2-Tetrachloroethane	ND		3.3	0.53	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
1,1,2-Trichloroethane	ND		3.3	0.43	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.3	0.75	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
1,1-Dichloroethane	ND		3.3	0.40	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
1,1-Dichloroethene	ND		3.3	0.40	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
1,2,4-Trichlorobenzene	ND		3.3	0.20	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
1,2-Dibromo-3-Chloropropane	ND		3.3	1.6	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
1,2-Dichlorobenzene	ND		3.3	0.26	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
1,2-Dichloroethane	ND		3.3	0.16	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
1,2-Dichloropropane	ND		3.3	1.6	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
1,3-Dichlorobenzene	ND		3.3	0.17	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
1,4-Dichlorobenzene	ND		3.3	0.46	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
2-Butanone (MEK)	ND		16	1.2	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
2-Hexanone	ND		16	1.6	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
4-Methyl-2-pentanone (MIBK)	ND		16	1.1	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Acetone	**37**		16	2.8	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Benzene	ND		3.3	0.16	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Bromodichloromethane	ND		3.3	0.44	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Bromoform	ND		3.3	1.6	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Bromomethane	ND		3.3	0.30	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Carbon disulfide	ND		3.3	1.6	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Carbon tetrachloride	ND		3.3	0.32	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Chlorobenzene	ND		3.3	0.43	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Dibromochloromethane	ND		3.3	0.42	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Chloroethane	ND		3.3	0.74	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Chloroform	ND		3.3	0.20	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Chloromethane	ND		3.3	0.20	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1

Client Sample ID: SB-29 0.6-2FT
Date Collected: 10/05/17 15:40
Date Received: 10/05/17 18:20

Lab Sample ID: 480-125383-8
Matrix: Solid
Percent Solids: 87.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**24**		3.3	0.42	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
cis-1,3-Dichloropropene	ND		3.3	0.47	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Cyclohexane	**0.70**	**J**	3.3	0.46	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Dichlorodifluoromethane	ND		3.3	0.27	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Ethylbenzene	ND		3.3	0.23	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
1,2-Dibromoethane	ND		3.3	0.42	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Isopropylbenzene	ND		3.3	0.50	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Methyl acetate	ND		16	2.0	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Methyl tert-butyl ether	ND		3.3	0.32	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Methylcyclohexane	ND		3.3	0.50	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Methylene Chloride	ND		3.3	1.5	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Styrene	ND		3.3	0.16	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Tetrachloroethene	**0.99**	**J B**	3.3	0.44	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Toluene	ND		3.3	0.25	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
trans-1,2-Dichloroethene	**1.5**	**J**	3.3	0.34	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
trans-1,3-Dichloropropene	ND		3.3	1.4	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Trichloroethene	ND		3.3	0.72	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Trichlorofluoromethane	ND		3.3	0.31	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Vinyl chloride	**2.4**	**J**	3.3	0.40	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1
Xylenes, Total	ND		6.6	0.55	ug/Kg	☼	10/06/17 01:30	10/12/17 22:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*71 - 125*	*10/06/17 01:30*	*10/12/17 22:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 126*	*10/06/17 01:30*	*10/12/17 22:19*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*	*10/06/17 01:30*	*10/12/17 22:19*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*10/06/17 01:30*	*10/12/17 22:19*	*1*

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 480-125383-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	12DCE	BFB	DBFM
Lab Sample ID	Client Sample ID	(71-125)	(64-126)	(72-126)	(60-140)
480-125383-1	SB-23 0.6-2FT	100	100	95	101
480-125383-2	SB-24 0.6-2FT	97	101	100	103
480-125383-3	SB-25 0.6-2FT	108	104	104	107
480-125383-4	SB-25 2-4FT	122	105	109	107
480-125383-5	SB-26 0.6-2FT	98	104	102	106
480-125383-6	SB-27 4-6FT	99	109	105	107
480-125383-7	SB-28 0.6-2FT	99	100	100	103
480-125383-8	SB-29 0.6-2FT	98	106	103	104
LCS 480-381053/1-A	Lab Control Sample	101	100	105	101
LCS 480-381517/1-A	Lab Control Sample	99	102	102	105
MB 480-381053/21-A	Method Blank	100	100	101	104
MB 480-381517/2-A	Method Blank	98	99	101	102

Surrogate Legend

TOL = Toluene-d8 (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	12DCE	BFB	DBFM
Lab Sample ID	Client Sample ID	(50-149)	(53-146)	(49-148)	(60-140)
480-125383-1 - DL	SB-23 0.6-2FT	94	104	93	89
480-125383-2 - DL	SB-24 0.6-2FT	94	110	102	90
480-125383-3 - DL	SB-25 0.6-2FT	95	105	93	90
480-125383-4 - DL	SB-25 2-4FT	94	106	96	95
480-125383-5 - DL	SB-26 0.6-2FT	94	105	101	88
LCS 480-381483/1-A	Lab Control Sample	96	96	94	91
LCS 480-382070/1-A	Lab Control Sample	96	104	102	91
MB 480-381483/2-A	Method Blank	96	99	95	89
MB 480-382070/2-A	Method Blank	96	104	101	88

Surrogate Legend

TOL = Toluene-d8 (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-381053/21-A
Matrix: Solid
Analysis Batch: 381007

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 381053

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
2-Hexanone	ND		25	2.5	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Acetone	ND		25	4.2	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Benzene	ND		5.0	0.25	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Bromoform	ND		5.0	2.5	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Bromomethane	ND		5.0	0.45	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Chloroethane	ND		5.0	1.1	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Chloroform	ND		5.0	0.31	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Chloromethane	ND		5.0	0.30	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Cyclohexane	ND		5.0	0.70	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Methyl acetate	ND		25	3.0	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Styrene	ND		5.0	0.25	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Toluene	ND		5.0	0.38	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Trichloroethene	ND		5.0	1.1	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		10/10/17 10:59	10/10/17 13:32	1
Xylenes, Total	ND		10	0.84	ug/Kg		10/10/17 10:59	10/10/17 13:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		71 - 125	10/10/17 10:59	10/10/17 13:32	1
1,2-Dichloroethane-d4 (Surr)	100		64 - 126	10/10/17 10:59	10/10/17 13:32	1
4-Bromofluorobenzene (Surr)	101		72 - 126	10/10/17 10:59	10/10/17 13:32	1
Dibromofluoromethane (Surr)	104		60 - 140	10/10/17 10:59	10/10/17 13:32	1

Lab Sample ID: LCS 480-381053/1-A
Matrix: Solid
Analysis Batch: 381007

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 381053

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	50.0	49.9		ug/Kg		100	77 - 121
1,1,2,2-Tetrachloroethane	50.0	49.8		ug/Kg		100	80 - 120
1,1,2-Trichloroethane	50.0	50.3		ug/Kg		101	78 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.9		ug/Kg		102	60 - 140
1,1-Dichloroethane	50.0	49.6		ug/Kg		99	73 - 126
1,1-Dichloroethene	50.0	50.5		ug/Kg		101	59 - 125
1,2,4-Trichlorobenzene	50.0	54.4		ug/Kg		109	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	47.7		ug/Kg		95	63 - 124
1,2-Dichlorobenzene	50.0	50.6		ug/Kg		101	75 - 120
1,2-Dichloroethane	50.0	45.5		ug/Kg		91	77 - 122
1,2-Dichloropropane	50.0	48.4		ug/Kg		97	75 - 124
1,3-Dichlorobenzene	50.0	50.7		ug/Kg		101	74 - 120
1,4-Dichlorobenzene	50.0	49.1		ug/Kg		98	73 - 120
2-Butanone (MEK)	250	391	*	ug/Kg		157	70 - 134
2-Hexanone	250	230		ug/Kg		92	59 - 130
4-Methyl-2-pentanone (MIBK)	250	229		ug/Kg		92	65 - 133
Acetone	250	231		ug/Kg		92	61 - 137
Benzene	50.0	49.5		ug/Kg		99	79 - 127
Bromodichloromethane	50.0	52.8		ug/Kg		106	80 - 122
Bromoform	50.0	56.8		ug/Kg		114	68 - 126
Bromomethane	50.0	42.2		ug/Kg		84	37 - 149
Carbon disulfide	50.0	52.9		ug/Kg		106	64 - 131
Carbon tetrachloride	50.0	53.6		ug/Kg		107	75 - 135
Chlorobenzene	50.0	51.3		ug/Kg		103	76 - 124
Dibromochloromethane	50.0	50.3		ug/Kg		101	76 - 125
Chloroethane	50.0	41.0		ug/Kg		82	69 - 135
Chloroform	50.0	47.6		ug/Kg		95	80 - 120
Chloromethane	50.0	42.5		ug/Kg		85	63 - 127
cis-1,2-Dichloroethene	50.0	50.5		ug/Kg		101	81 - 120
cis-1,3-Dichloropropene	50.0	54.1		ug/Kg		108	80 - 120
Cyclohexane	50.0	47.9		ug/Kg		96	65 - 120
Dichlorodifluoromethane	50.0	52.1		ug/Kg		104	57 - 142
Ethylbenzene	50.0	50.3		ug/Kg		101	80 - 120
1,2-Dibromoethane	50.0	52.3		ug/Kg		105	78 - 120
Isopropylbenzene	50.0	49.5		ug/Kg		99	72 - 120
Methyl acetate	100	91.9		ug/Kg		92	55 - 136
Methyl tert-butyl ether	50.0	49.0		ug/Kg		98	63 - 125
Methylcyclohexane	50.0	50.7		ug/Kg		101	60 - 140
Methylene Chloride	50.0	52.1		ug/Kg		104	61 - 127
Styrene	50.0	51.0		ug/Kg		102	80 - 120
Tetrachloroethene	50.0	58.8		ug/Kg		118	74 - 122
Toluene	50.0	50.1		ug/Kg		100	74 - 128
trans-1,2-Dichloroethene	50.0	50.8		ug/Kg		102	78 - 126

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-381053/1-A
Matrix: Solid
Analysis Batch: 381007

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 381053

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	50.0	52.8		ug/Kg		106	73 - 123
Trichloroethene	50.0	51.2		ug/Kg		102	77 - 129
Trichlorofluoromethane	50.0	49.4		ug/Kg		99	65 - 146
Vinyl chloride	50.0	44.1		ug/Kg		88	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*71 - 125*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*
Dibromofluoromethane (Surr)	*101*		*60 - 140*

Lab Sample ID: MB 480-381483/2-A
Matrix: Solid
Analysis Batch: 381607

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 381483

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	28	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
1,1,2,2-Tetrachloroethane	ND		100	16	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
1,1,2-Trichloroethane	ND		100	21	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	50	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
1,1-Dichloroethane	ND		100	31	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
1,1-Dichloroethene	ND		100	35	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
1,2,4-Trichlorobenzene	ND		100	38	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
1,2-Dibromo-3-Chloropropane	ND		100	50	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
1,2-Dichlorobenzene	ND		100	26	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
1,2-Dichloroethane	ND		100	41	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
1,2-Dichloropropane	ND		100	16	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
1,3-Dichlorobenzene	ND		100	27	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
1,4-Dichlorobenzene	ND		100	14	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
2-Butanone (MEK)	ND		500	300	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
2-Hexanone	ND		500	210	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
4-Methyl-2-pentanone (MIBK)	ND		500	32	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Acetone	ND		500	410	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Benzene	ND		100	19	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Bromodichloromethane	ND		100	20	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Bromoform	ND		100	50	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Bromomethane	ND		100	22	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Carbon disulfide	ND		100	46	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Carbon tetrachloride	ND		100	26	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Chlorobenzene	ND		100	13	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Dibromochloromethane	ND		100	48	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Chloroethane	ND		100	21	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Chloroform	ND		100	69	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Chloromethane	ND		100	24	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
cis-1,2-Dichloroethene	ND		100	28	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
cis-1,3-Dichloropropene	ND		100	24	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Cyclohexane	ND		100	22	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Dichlorodifluoromethane	ND		100	44	ug/Kg		10/12/17 11:14	10/13/17 01:51	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-381483/2-A
Matrix: Solid
Analysis Batch: 381607

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 381483

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		100	29	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
1,2-Dibromoethane	ND		100	18	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Isopropylbenzene	ND		100	15	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Methyl acetate	ND		500	48	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Methyl tert-butyl ether	ND		100	38	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Methylcyclohexane	ND		100	47	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Methylene Chloride	ND		100	20	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Styrene	ND		100	24	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Tetrachloroethene	ND		100	13	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Toluene	ND		100	27	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
trans-1,2-Dichloroethene	ND		100	24	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
trans-1,3-Dichloropropene	ND		100	9.8	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Trichloroethene	ND		100	28	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Trichlorofluoromethane	ND		100	47	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Vinyl chloride	ND		100	34	ug/Kg		10/12/17 11:14	10/13/17 01:51	1
Xylenes, Total	ND		200	55	ug/Kg		10/12/17 11:14	10/13/17 01:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*50 - 149*	*10/12/17 11:14*	*10/13/17 01:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*53 - 146*	*10/12/17 11:14*	*10/13/17 01:51*	*1*
4-Bromofluorobenzene (Surr)	*95*		*49 - 148*	*10/12/17 11:14*	*10/13/17 01:51*	*1*
Dibromofluoromethane (Surr)	*89*		*60 - 140*	*10/12/17 11:14*	*10/13/17 01:51*	*1*

Lab Sample ID: LCS 480-381483/1-A
Matrix: Solid
Analysis Batch: 381607

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 381483

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	2500	2490		ug/Kg		99	68 - 130
1,1,2,2-Tetrachloroethane	2500	2460		ug/Kg		98	73 - 120
1,1,2-Trichloroethane	2500	2480		ug/Kg		99	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	2500	2390		ug/Kg		96	10 - 179
1,1-Dichloroethane	2500	2440		ug/Kg		98	78 - 121
1,1-Dichloroethene	2500	2180		ug/Kg		87	48 - 133
1,2,4-Trichlorobenzene	2500	2700		ug/Kg		108	70 - 140
1,2-Dibromo-3-Chloropropane	2500	2310		ug/Kg		92	56 - 122
1,2-Dichlorobenzene	2500	2470		ug/Kg		99	78 - 125
1,2-Dichloroethane	2500	2460		ug/Kg		98	74 - 127
1,2-Dichloropropane	2500	2470		ug/Kg		99	80 - 120
1,3-Dichlorobenzene	2500	2510		ug/Kg		101	80 - 120
1,4-Dichlorobenzene	2500	2400		ug/Kg		96	80 - 120
2-Butanone (MEK)	12500	13000		ug/Kg		104	54 - 149
2-Hexanone	12500	13500		ug/Kg		108	59 - 127
4-Methyl-2-pentanone (MIBK)	12500	13100		ug/Kg		105	74 - 120
Acetone	12500	10000		ug/Kg		80	47 - 141
Benzene	2500	2330		ug/Kg		93	77 - 125
Bromodichloromethane	2500	2290		ug/Kg		92	71 - 121

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-381483/1-A
Matrix: Solid
Analysis Batch: 381607

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 381483

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	2500	2120		ug/Kg		85	48 - 125
Bromomethane	2500	1690		ug/Kg		67	39 - 149
Carbon disulfide	2500	2060		ug/Kg		82	40 - 136
Carbon tetrachloride	2500	2290		ug/Kg		92	54 - 135
Chlorobenzene	2500	2420		ug/Kg		97	76 - 126
Dibromochloromethane	2500	2300		ug/Kg		92	64 - 120
Chloroethane	2500	1950		ug/Kg		78	23 - 150
Chloroform	2500	2280		ug/Kg		91	78 - 120
Chloromethane	2500	1570		ug/Kg		63	61 - 124
cis-1,2-Dichloroethene	2500	2260		ug/Kg		90	79 - 124
cis-1,3-Dichloropropene	2500	2300		ug/Kg		92	75 - 121
Cyclohexane	2500	2550		ug/Kg		102	49 - 129
Dichlorodifluoromethane	2500	959		ug/Kg		38	10 - 150
Ethylbenzene	2500	2590		ug/Kg		104	78 - 124
1,2-Dibromoethane	2500	2400		ug/Kg		96	80 - 120
Isopropylbenzene	2500	2440		ug/Kg		98	76 - 120
Methyl acetate	5000	5120		ug/Kg		102	71 - 123
Methyl tert-butyl ether	2500	2220		ug/Kg		89	67 - 137
Methylcyclohexane	2500	2330		ug/Kg		93	50 - 130
Methylene Chloride	2500	2260		ug/Kg		91	75 - 118
Styrene	2500	2420		ug/Kg		97	80 - 120
Tetrachloroethene	2500	2540		ug/Kg		102	73 - 133
Toluene	2500	2390		ug/Kg		96	75 - 124
trans-1,2-Dichloroethene	2500	2240		ug/Kg		90	74 - 129
trans-1,3-Dichloropropene	2500	2410		ug/Kg		96	73 - 120
Trichloroethene	2500	2400		ug/Kg		96	75 - 131
Trichlorofluoromethane	2500	1840		ug/Kg		73	29 - 158
Vinyl chloride	2500	1620		ug/Kg		65	59 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*50 - 149*
1,2-Dichloroethane-d4 (Surr)	*96*		*53 - 146*
4-Bromofluorobenzene (Surr)	*94*		*49 - 148*
Dibromofluoromethane (Surr)	*91*		*60 - 140*

Lab Sample ID: MB 480-381517/2-A
Matrix: Solid
Analysis Batch: 381443

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 381517

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		10/12/17 13:14	10/12/17 14:34	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-381517/2-A
Matrix: Solid
Analysis Batch: 381443

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 381517

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
2-Hexanone	ND		25	2.5	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Acetone	ND		25	4.2	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Benzene	ND		5.0	0.25	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Bromoform	ND		5.0	2.5	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Bromomethane	ND		5.0	0.45	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Chloroethane	ND		5.0	1.1	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Chloroform	ND		5.0	0.31	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Chloromethane	ND		5.0	0.30	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Cyclohexane	ND		5.0	0.70	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Methyl acetate	ND		25	3.0	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Styrene	ND		5.0	0.25	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Tetrachloroethene	0.924	J	5.0	0.67	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Toluene	ND		5.0	0.38	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Trichloroethene	ND		5.0	1.1	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		10/12/17 13:14	10/12/17 14:34	1
Xylenes, Total	ND		10	0.84	ug/Kg		10/12/17 13:14	10/12/17 14:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*71 - 125*	*10/12/17 13:14*	*10/12/17 14:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*64 - 126*	*10/12/17 13:14*	*10/12/17 14:34*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*	*10/12/17 13:14*	*10/12/17 14:34*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*	*10/12/17 13:14*	*10/12/17 14:34*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-381517/1-A
Matrix: Solid
Analysis Batch: 381443

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 381517

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	50.0	54.6		ug/Kg		109	77 - 121
1,1,2,2-Tetrachloroethane	50.0	54.9		ug/Kg		110	80 - 120
1,1,2-Trichloroethane	50.0	53.0		ug/Kg		106	78 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.7		ug/Kg		109	60 - 140
1,1-Dichloroethane	50.0	52.3		ug/Kg		105	73 - 126
1,1-Dichloroethene	50.0	54.5		ug/Kg		109	59 - 125
1,2,4-Trichlorobenzene	50.0	54.6		ug/Kg		109	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	51.8		ug/Kg		104	63 - 124
1,2-Dichlorobenzene	50.0	51.2		ug/Kg		102	75 - 120
1,2-Dichloroethane	50.0	50.0		ug/Kg		100	77 - 122
1,2-Dichloropropane	50.0	52.5		ug/Kg		105	75 - 124
1,3-Dichlorobenzene	50.0	51.1		ug/Kg		102	74 - 120
1,4-Dichlorobenzene	50.0	50.4		ug/Kg		101	73 - 120
2-Butanone (MEK)	250	291		ug/Kg		116	70 - 134
2-Hexanone	250	280		ug/Kg		112	59 - 130
4-Methyl-2-pentanone (MIBK)	250	272		ug/Kg		109	65 - 133
Acetone	250	294		ug/Kg		117	61 - 137
Benzene	50.0	53.3		ug/Kg		107	79 - 127
Bromodichloromethane	50.0	55.5		ug/Kg		111	80 - 122
Bromoform	50.0	57.4		ug/Kg		115	68 - 126
Bromomethane	50.0	47.4		ug/Kg		95	37 - 149
Carbon disulfide	50.0	55.9		ug/Kg		112	64 - 131
Carbon tetrachloride	50.0	58.9		ug/Kg		118	75 - 135
Chlorobenzene	50.0	52.1		ug/Kg		104	76 - 124
Dibromochloromethane	50.0	50.2		ug/Kg		100	76 - 125
Chloroethane	50.0	43.8		ug/Kg		88	69 - 135
Chloroform	50.0	51.8		ug/Kg		104	80 - 120
Chloromethane	50.0	40.6		ug/Kg		81	63 - 127
cis-1,2-Dichloroethene	50.0	53.8		ug/Kg		108	81 - 120
cis-1,3-Dichloropropene	50.0	55.3		ug/Kg		111	80 - 120
Cyclohexane	50.0	51.7		ug/Kg		103	65 - 120
Dichlorodifluoromethane	50.0	54.6		ug/Kg		109	57 - 142
Ethylbenzene	50.0	51.4		ug/Kg		103	80 - 120
1,2-Dibromoethane	50.0	56.0		ug/Kg		112	78 - 120
Isopropylbenzene	50.0	50.4		ug/Kg		101	72 - 120
Methyl acetate	100	109		ug/Kg		109	55 - 136
Methyl tert-butyl ether	50.0	53.8		ug/Kg		108	63 - 125
Methylcyclohexane	50.0	54.1		ug/Kg		108	60 - 140
Methylene Chloride	50.0	55.4		ug/Kg		111	61 - 127
Styrene	50.0	51.7		ug/Kg		103	80 - 120
Tetrachloroethene	50.0	56.0		ug/Kg		112	74 - 122
Toluene	50.0	51.5		ug/Kg		103	74 - 128
trans-1,2-Dichloroethene	50.0	54.8		ug/Kg		110	78 - 126
trans-1,3-Dichloropropene	50.0	53.3		ug/Kg		107	73 - 123
Trichloroethene	50.0	54.2		ug/Kg		108	77 - 129
Trichlorofluoromethane	50.0	53.7		ug/Kg		107	65 - 146
Vinyl chloride	50.0	46.7		ug/Kg		93	61 - 133

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-381517/1-A
Matrix: Solid
Analysis Batch: 381443

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 381517

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*71 - 125*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*
Dibromofluoromethane (Surr)	*105*		*60 - 140*

Lab Sample ID: MB 480-382070/2-A
Matrix: Solid
Analysis Batch: 382131

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 382070

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	28	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
1,1,2,2-Tetrachloroethane	ND		100	16	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
1,1,2-Trichloroethane	ND		100	21	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	50	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
1,1-Dichloroethane	ND		100	31	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
1,1-Dichloroethene	ND		100	35	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
1,2,4-Trichlorobenzene	ND		100	38	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
1,2-Dibromo-3-Chloropropane	ND		100	50	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
1,2-Dichlorobenzene	ND		100	26	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
1,2-Dichloroethane	ND		100	41	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
1,2-Dichloropropane	ND		100	16	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
1,3-Dichlorobenzene	ND		100	27	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
1,4-Dichlorobenzene	ND		100	14	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
2-Butanone (MEK)	ND		500	300	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
2-Hexanone	ND		500	210	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
4-Methyl-2-pentanone (MIBK)	ND		500	32	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Acetone	ND		500	410	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Benzene	ND		100	19	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Bromodichloromethane	ND		100	20	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Bromoform	ND		100	50	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Bromomethane	ND		100	22	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Carbon disulfide	ND		100	46	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Carbon tetrachloride	ND		100	26	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Chlorobenzene	ND		100	13	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Dibromochloromethane	ND		100	48	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Chloroethane	ND		100	21	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Chloroform	ND		100	69	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Chloromethane	ND		100	24	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
cis-1,2-Dichloroethene	ND		100	28	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
cis-1,3-Dichloropropene	ND		100	24	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Cyclohexane	ND		100	22	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Dichlorodifluoromethane	ND		100	44	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Ethylbenzene	ND		100	29	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
1,2-Dibromoethane	ND		100	18	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Isopropylbenzene	ND		100	15	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Methyl acetate	ND		500	48	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Methyl tert-butyl ether	ND		100	38	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Methylcyclohexane	ND		100	47	ug/Kg		10/16/17 16:26	10/17/17 12:39	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-382070/2-A
Matrix: Solid
Analysis Batch: 382131

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 382070

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		100	20	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Styrene	ND		100	24	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Tetrachloroethene	ND		100	13	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Toluene	ND		100	27	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
trans-1,2-Dichloroethene	ND		100	24	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
trans-1,3-Dichloropropene	ND		100	9.8	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Trichloroethene	ND		100	28	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Trichlorofluoromethane	ND		100	47	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Vinyl chloride	ND		100	34	ug/Kg		10/16/17 16:26	10/17/17 12:39	1
Xylenes, Total	ND		200	55	ug/Kg		10/16/17 16:26	10/17/17 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*50 - 149*	*10/16/17 16:26*	*10/17/17 12:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*53 - 146*	*10/16/17 16:26*	*10/17/17 12:39*	*1*
4-Bromofluorobenzene (Surr)	*101*		*49 - 148*	*10/16/17 16:26*	*10/17/17 12:39*	*1*
Dibromofluoromethane (Surr)	*88*		*60 - 140*	*10/16/17 16:26*	*10/17/17 12:39*	*1*

Lab Sample ID: LCS 480-382070/1-A
Matrix: Solid
Analysis Batch: 382131

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 382070

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	2500	2900		ug/Kg		116	68 - 130
1,1,2,2-Tetrachloroethane	2500	2430		ug/Kg		97	73 - 120
1,1,2-Trichloroethane	2500	2900		ug/Kg		116	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	2500	2810		ug/Kg		112	10 - 179
1,1-Dichloroethane	2500	3060	*	ug/Kg		122	78 - 121
1,1-Dichloroethene	2500	2610		ug/Kg		104	48 - 133
1,2,4-Trichlorobenzene	2500	2720		ug/Kg		109	70 - 140
1,2-Dibromo-3-Chloropropane	2500	2030		ug/Kg		81	56 - 122
1,2-Dichlorobenzene	2500	2750		ug/Kg		110	78 - 125
1,2-Dichloroethane	2500	3300	*	ug/Kg		132	74 - 127
1,2-Dichloropropane	2500	3060	*	ug/Kg		122	80 - 120
1,3-Dichlorobenzene	2500	2810		ug/Kg		113	80 - 120
1,4-Dichlorobenzene	2500	2720		ug/Kg		109	80 - 120
2-Butanone (MEK)	12500	13900		ug/Kg		111	54 - 149
2-Hexanone	12500	16300	*	ug/Kg		130	59 - 127
4-Methyl-2-pentanone (MIBK)	12500	14900		ug/Kg		119	74 - 120
Acetone	12500	11500		ug/Kg		92	47 - 141
Benzene	2500	2760		ug/Kg		110	77 - 125
Bromodichloromethane	2500	2720		ug/Kg		109	71 - 121
Bromoform	2500	2040		ug/Kg		82	48 - 125
Bromomethane	2500	2760		ug/Kg		111	39 - 149
Carbon disulfide	2500	2520		ug/Kg		101	40 - 136
Carbon tetrachloride	2500	2590		ug/Kg		103	54 - 135
Chlorobenzene	2500	2850		ug/Kg		114	76 - 126
Dibromochloromethane	2500	2400		ug/Kg		96	64 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-382070/1-A
Matrix: Solid
Analysis Batch: 382131

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 382070

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	2500	3260		ug/Kg		131	23 - 150
Chloroform	2500	2810		ug/Kg		112	78 - 120
Chloromethane	2500	3050		ug/Kg		122	61 - 124
cis-1,2-Dichloroethene	2500	2610		ug/Kg		105	79 - 124
cis-1,3-Dichloropropene	2500	2660		ug/Kg		107	75 - 121
Cyclohexane	2500	3540	*	ug/Kg		142	49 - 129
Dichlorodifluoromethane	2500	2380		ug/Kg		95	10 - 150
Ethylbenzene	2500	2950		ug/Kg		118	78 - 124
1,2-Dibromoethane	2500	2650		ug/Kg		106	80 - 120
Isopropylbenzene	2500	2680		ug/Kg		107	76 - 120
Methyl acetate	5000	6270	*	ug/Kg		125	71 - 123
Methyl tert-butyl ether	2500	2580		ug/Kg		103	67 - 137
Methylcyclohexane	2500	2900		ug/Kg		116	50 - 130
Methylene Chloride	2500	2620		ug/Kg		105	75 - 118
Styrene	2500	2720		ug/Kg		109	80 - 120
Tetrachloroethene	2500	3170		ug/Kg		127	73 - 133
Toluene	2500	2750		ug/Kg		110	75 - 124
trans-1,2-Dichloroethene	2500	2630		ug/Kg		105	74 - 129
trans-1,3-Dichloropropene	2500	2680		ug/Kg		107	73 - 120
Trichloroethene	2500	2810		ug/Kg		112	75 - 131
Trichlorofluoromethane	2500	3110		ug/Kg		124	29 - 158
Vinyl chloride	2500	2820		ug/Kg		113	59 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*50 - 149*
1,2-Dichloroethane-d4 (Surr)	*104*		*53 - 146*
4-Bromofluorobenzene (Surr)	*102*		*49 - 148*
Dibromofluoromethane (Surr)	*91*		*60 - 140*

GC/MS VOA

Analysis Batch: 381007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-125383-1	SB-23 0.6-2FT	Total/NA	Solid	8260C	381053
480-125383-3	SB-25 0.6-2FT	Total/NA	Solid	8260C	381053
480-125383-4	SB-25 2-4FT	Total/NA	Solid	8260C	381053
MB 480-381053/21-A	Method Blank	Total/NA	Solid	8260C	381053
LCS 480-381053/1-A	Lab Control Sample	Total/NA	Solid	8260C	381053

Prep Batch: 381053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-125383-1	SB-23 0.6-2FT	Total/NA	Solid	5035A_L	
480-125383-3	SB-25 0.6-2FT	Total/NA	Solid	5035A_L	
480-125383-4	SB-25 2-4FT	Total/NA	Solid	5035A_L	
MB 480-381053/21-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-381053/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 381443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-125383-2	SB-24 0.6-2FT	Total/NA	Solid	8260C	381517
480-125383-5	SB-26 0.6-2FT	Total/NA	Solid	8260C	381517
480-125383-6	SB-27 4-6FT	Total/NA	Solid	8260C	381517
480-125383-7	SB-28 0.6-2FT	Total/NA	Solid	8260C	381517
480-125383-8	SB-29 0.6-2FT	Total/NA	Solid	8260C	381517
MB 480-381517/2-A	Method Blank	Total/NA	Solid	8260C	381517
LCS 480-381517/1-A	Lab Control Sample	Total/NA	Solid	8260C	381517

Prep Batch: 381483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-125383-1 - DL	SB-23 0.6-2FT	Total/NA	Solid	5035A_H	
480-125383-3 - DL	SB-25 0.6-2FT	Total/NA	Solid	5035A_H	
480-125383-4 - DL	SB-25 2-4FT	Total/NA	Solid	5035A_H	
MB 480-381483/2-A	Method Blank	Total/NA	Solid	5035A_H	
LCS 480-381483/1-A	Lab Control Sample	Total/NA	Solid	5035A_H	

Prep Batch: 381517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-125383-2	SB-24 0.6-2FT	Total/NA	Solid	5035A_L	
480-125383-5	SB-26 0.6-2FT	Total/NA	Solid	5035A_L	
480-125383-6	SB-27 4-6FT	Total/NA	Solid	5035A_L	
480-125383-7	SB-28 0.6-2FT	Total/NA	Solid	5035A_L	
480-125383-8	SB-29 0.6-2FT	Total/NA	Solid	5035A_L	
MB 480-381517/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-381517/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 381607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-381483/2-A	Method Blank	Total/NA	Solid	8260C	381483
LCS 480-381483/1-A	Lab Control Sample	Total/NA	Solid	8260C	381483

Analysis Batch: 381658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-125383-1 - DL	SB-23 0.6-2FT	Total/NA	Solid	8260C	381483
480-125383-3 - DL	SB-25 0.6-2FT	Total/NA	Solid	8260C	381483

GC/MS VOA (Continued)

Analysis Batch: 381658 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-125383-4 - DL	SB-25 2-4FT	Total/NA	Solid	8260C	381483

Prep Batch: 382070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-125383-2 - DL	SB-24 0.6-2FT	Total/NA	Solid	5035A_H	
480-125383-5 - DL	SB-26 0.6-2FT	Total/NA	Solid	5035A_H	
MB 480-382070/2-A	Method Blank	Total/NA	Solid	5035A_H	
LCS 480-382070/1-A	Lab Control Sample	Total/NA	Solid	5035A_H	

Analysis Batch: 382131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-125383-2 - DL	SB-24 0.6-2FT	Total/NA	Solid	8260C	382070
480-125383-5 - DL	SB-26 0.6-2FT	Total/NA	Solid	8260C	382070
MB 480-382070/2-A	Method Blank	Total/NA	Solid	8260C	382070
LCS 480-382070/1-A	Lab Control Sample	Total/NA	Solid	8260C	382070

General Chemistry

Analysis Batch: 381296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-125383-1	SB-23 0.6-2FT	Total/NA	Solid	Moisture	
480-125383-2	SB-24 0.6-2FT	Total/NA	Solid	Moisture	
480-125383-3	SB-25 0.6-2FT	Total/NA	Solid	Moisture	
480-125383-4	SB-25 2-4FT	Total/NA	Solid	Moisture	
480-125383-5	SB-26 0.6-2FT	Total/NA	Solid	Moisture	
480-125383-6	SB-27 4-6FT	Total/NA	Solid	Moisture	
480-125383-7	SB-28 0.6-2FT	Total/NA	Solid	Moisture	
480-125383-8	SB-29 0.6-2FT	Total/NA	Solid	Moisture	

Client Sample ID: SB-23 0.6-2FT — **Lab Sample ID: 480-125383-1**
Date Collected: 10/05/17 10:45 — **Matrix: Solid**
Date Received: 10/05/17 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	381296	10/11/17 12:36	CDC	TAL BUF

Client Sample ID: SB-23 0.6-2FT — **Lab Sample ID: 480-125383-1**
Date Collected: 10/05/17 10:45 — **Matrix: Solid**
Date Received: 10/05/17 18:20 — **Percent Solids: 84.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			381053	10/06/17 01:30	CDC	TAL BUF
Total/NA	Analysis	8260C		1	381007	10/10/17 16:13	CDC	TAL BUF
Total/NA	Prep	5035A_H	DL		381483	10/12/17 11:14	AMM	TAL BUF
Total/NA	Analysis	8260C	DL	8	381658	10/13/17 19:28	AMM	TAL BUF

Client Sample ID: SB-24 0.6-2FT — **Lab Sample ID: 480-125383-2**
Date Collected: 10/05/17 11:30 — **Matrix: Solid**
Date Received: 10/05/17 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	381296	10/11/17 12:36	CDC	TAL BUF

Client Sample ID: SB-24 0.6-2FT — **Lab Sample ID: 480-125383-2**
Date Collected: 10/05/17 11:30 — **Matrix: Solid**
Date Received: 10/05/17 18:20 — **Percent Solids: 92.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			381517	10/06/17 01:30	CDC	TAL BUF
Total/NA	Analysis	8260C		1	381443	10/12/17 20:37	CDC	TAL BUF
Total/NA	Prep	5035A_H	DL		382070	10/16/17 16:26	AMM	TAL BUF
Total/NA	Analysis	8260C	DL	40	382131	10/17/17 19:20	AMM	TAL BUF

Client Sample ID: SB-25 0.6-2FT — **Lab Sample ID: 480-125383-3**
Date Collected: 10/05/17 12:00 — **Matrix: Solid**
Date Received: 10/05/17 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	381296	10/11/17 12:36	CDC	TAL BUF

Client Sample ID: SB-25 0.6-2FT — **Lab Sample ID: 480-125383-3**
Date Collected: 10/05/17 12:00 — **Matrix: Solid**
Date Received: 10/05/17 18:20 — **Percent Solids: 86.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			381053	10/06/17 01:30	CDC	TAL BUF

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 480-125383-1

Client Sample ID: SB-25 0.6-2FT
Date Collected: 10/05/17 12:00
Date Received: 10/05/17 18:20

Lab Sample ID: 480-125383-3
Matrix: Solid
Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	381007	10/10/17 17:04	CDC	TAL BUF
Total/NA	Prep	5035A_H	DL		381483	10/12/17 11:14	AMM	TAL BUF
Total/NA	Analysis	8260C	DL	100	381658	10/13/17 19:55	AMM	TAL BUF

Client Sample ID: SB-25 2-4FT
Date Collected: 10/05/17 12:00
Date Received: 10/05/17 18:20

Lab Sample ID: 480-125383-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	381296	10/11/17 12:36	CDC	TAL BUF

Client Sample ID: SB-25 2-4FT
Date Collected: 10/05/17 12:00
Date Received: 10/05/17 18:20

Lab Sample ID: 480-125383-4
Matrix: Solid
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			381053	10/06/17 01:30	CDC	TAL BUF
Total/NA	Analysis	8260C		1	381007	10/10/17 17:30	CDC	TAL BUF
Total/NA	Prep	5035A_H	DL		381483	10/12/17 11:14	AMM	TAL BUF
Total/NA	Analysis	8260C	DL	25	381658	10/13/17 20:22	AMM	TAL BUF

Client Sample ID: SB-26 0.6-2FT
Date Collected: 10/05/17 12:55
Date Received: 10/05/17 18:20

Lab Sample ID: 480-125383-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	381296	10/11/17 12:36	CDC	TAL BUF

Client Sample ID: SB-26 0.6-2FT
Date Collected: 10/05/17 12:55
Date Received: 10/05/17 18:20

Lab Sample ID: 480-125383-5
Matrix: Solid
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			381517	10/06/17 01:30	CDC	TAL BUF
Total/NA	Analysis	8260C		1	381443	10/12/17 21:03	CDC	TAL BUF
Total/NA	Prep	5035A_H	DL		382070	10/16/17 16:26	AMM	TAL BUF
Total/NA	Analysis	8260C	DL	5	382131	10/17/17 19:47	AMM	TAL BUF

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 480-125383-1

Client Sample ID: SB-27 4-6FT
Lab Sample ID: 480-125383-6
Date Collected: 10/05/17 13:45
Matrix: Solid
Date Received: 10/05/17 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	381296	10/11/17 12:36	CDC	TAL BUF

Client Sample ID: SB-27 4-6FT
Lab Sample ID: 480-125383-6
Date Collected: 10/05/17 13:45
Matrix: Solid
Date Received: 10/05/17 18:20
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			381517	10/06/17 01:30	CDC	TAL BUF
Total/NA	Analysis	8260C		1	381443	10/12/17 21:28	CDC	TAL BUF

Client Sample ID: SB-28 0.6-2FT
Lab Sample ID: 480-125383-7
Date Collected: 10/05/17 14:10
Matrix: Solid
Date Received: 10/05/17 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	381296	10/11/17 12:36	CDC	TAL BUF

Client Sample ID: SB-28 0.6-2FT
Lab Sample ID: 480-125383-7
Date Collected: 10/05/17 14:10
Matrix: Solid
Date Received: 10/05/17 18:20
Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			381517	10/06/17 01:30	CDC	TAL BUF
Total/NA	Analysis	8260C		1	381443	10/12/17 21:54	CDC	TAL BUF

Client Sample ID: SB-29 0.6-2FT
Lab Sample ID: 480-125383-8
Date Collected: 10/05/17 15:40
Matrix: Solid
Date Received: 10/05/17 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	381296	10/11/17 12:36	CDC	TAL BUF

Client Sample ID: SB-29 0.6-2FT
Lab Sample ID: 480-125383-8
Date Collected: 10/05/17 15:40
Matrix: Solid
Date Received: 10/05/17 18:20
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			381517	10/06/17 01:30	CDC	TAL BUF
Total/NA	Analysis	8260C		1	381443	10/12/17 22:19	CDC	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 480-125383-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 480-125383-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: LaBella Associates DPC
Project/Site: Phase 2 - 11075 Walden Avenue, Alden, NY

TestAmerica Job ID: 480-125383-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-125383-1	SB-23 0.6-2FT	Solid	10/05/17 10:45	10/05/17 18:20
480-125383-2	SB-24 0.6-2FT	Solid	10/05/17 11:30	10/05/17 18:20
480-125383-3	SB-25 0.6-2FT	Solid	10/05/17 12:00	10/05/17 18:20
480-125383-4	SB-25 2-4FT	Solid	10/05/17 12:00	10/05/17 18:20
480-125383-5	SB-26 0.6-2FT	Solid	10/05/17 12:55	10/05/17 18:20
480-125383-6	SB-27 4-6FT	Solid	10/05/17 13:45	10/05/17 18:20
480-125383-7	SB-28 0.6-2FT	Solid	10/05/17 14:10	10/05/17 18:20
480-125383-8	SB-29 0.6-2FT	Solid	10/05/17 15:40	10/05/17 18:20

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
Phone: 716.691.2600 Fax: 716.691.7991

Chain of Custody Record

188030

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

480-125383 COC

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Adam Zebrowski	Site Contact:	Date:	COC No:
Company Name: LaBella Associates	Tel/Fax: azebrowski@labellapc.com	Lab Contact:	Carrier:	1 of 1 COCs
Address: 300 Pearl St	Analysis Turnaround Time			Sampler:
City/State/Zip: Buffalo /NY	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 716-710-3043	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			Lab Sampling:
Project Name: 11075 Walden Ave				Job / SDG No.:
Site: 11075 Walden Ave Alden NY				
PO# 2171935				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOCs	Sample Specific Notes:
SB-23 0.6-2ft	10/5/17	10:45	G	Soil	4			X	
SB-24 0.6-2 ft	10/5/17	11:30	G	Soil	4			X	
SB-25 0.6-2 ft	10/5/17	12:00	G	Soil	4			X	
SB-25 2-4 ft	10/5/17	12:00	G	Soil	4			X	
SB-26 0.6-2 ft	10/5/17	12:55	G	Soil	4			X	
SB-27 4-6 ft	10/5/17	13:45	G	Soil	4			X	
SB-28 0.6-2 ft	10/5/17	14:10	G	Soil	4			X	
SB-29 0.6-2 ft	10/5/17	15:40	G	Soil	4			X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2.8 #1

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: 2.8 Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Shawn Dalba	LaBella Associates	10/5/17/18:20		TAS	10/5/17 1820
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-125383-1

Login Number: 125383
List Number: 1
Creator: Williams, Christopher S

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	FREEZER ON 06OCT2017 @ 0130
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	labella
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

APPENDIX 2

Health and Safety Plan

Site Health and Safety Plan

Location:

11075 Walden Avenue
Alden, New York 14004

Prepared For:

Mr. Jim Doro
Walden Realty Limited Partnership/ Doritex Corp.
11980 Walden Avenue
Alden, New York

LaBella Project No. 2180605

May 2018

Olympic Towers, 300 Pearl Street, Suite 130 | Buffalo, NY 14202 | p 716-551-6281 | f 716-551-6282
www.labellapc.com

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Tables

Table 1 Exposure Limits and Recognition Qualities

SITE HEALTH AND SAFETY PLAN

Project Title:	11075 Walden Avenue - Brownfield Cleanup Program
Project Number:	2180605
Project Location (Site):	11075 Walden Avenue, Alden, New York 14004
Environmental Director:	Rob Napieralski
Project Manager:	Adam Zebrowski
Plan Review Date:	_____
Plan Approval Date:	_____
Plan Approved By:	_____ Mr. Richard Rote, CIH
Site Safety Supervisor:	Chris Kibler
Site Contact:	Jim Doro, Doritex Corp.
Safety Director:	Rick Rote, CIH
Proposed Date(s) of Field Activities:	To Be Determined
Site Conditions:	2.6± acres; Current Site features include green space to the north, west and south of the Site Building and asphalt-paved parking areas to the east and south of the Site Building.
Site Environmental Information Provided By:	❑ Limited Environmental Due Diligence: Transaction Screen report, 11075 Walden Avenue, Alden, New York, prepared by Lender Consulting Services, Inc. dated May 4, 2017 ❑ Supplemental Phase II Environmental Site Assessment report, 11075 Walden Avenue, Alden, New York, prepared by LaBella Associates, D.P.C. dated December 4, 2017
Air Monitoring Provided By:	LaBella Associates, D.P.C.
Site Control Provided By:	LaBella Environmental, LLC

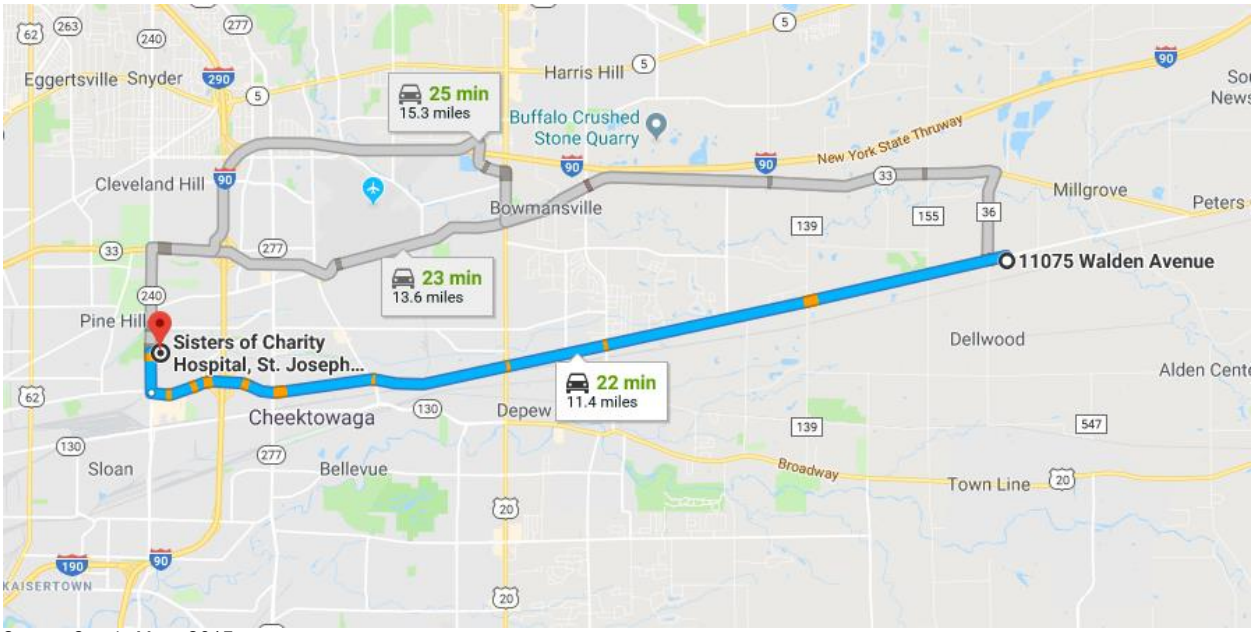
EMERGENCY CONTACTS

	Name	Phone Number
Ambulance:	As Per Emergency Service	911
Hospital Emergency:	St. Joseph's Hospital	716-891-2606
Poison Control Center:	National Poison Control Center (serving Buffalo Area)	800-222-1222
Police (local, state):	Erie County Sheriff's Department	716-937-7675
Fire Department:	Alden Village Fire Department	716-937-9319
Site Contact:	Jim Doro, Doritex Corp.	716-684-6600
Agency Contact:	NYSDEC – Anthony Lopes NYSDOH – To Be Determined	716-851-7220 To Be Determined
Environmental Director:	Rob Napieralski	Direct: 716-551-6283
Project Manager:	Adam Zebrowski	Direct: 716-840-2548
Site Safety Supervisor:	Shannon Dalton or Bonnie Gambrel	Direct: 716-551-6281
Safety Director	Rick Rote, CIH (LaBella)	Direct: 704-941-2123

MAP AND DIRECTIONS TO THE MEDICAL FACILITY
- ST. JOSEPH'S HOSPITAL

11075 Walden Ave
Alden, NY 14004

1. Head west on Walden Ave toward Town Line Rd
   Pass by AutoZone (on the left in 6.4 mi)
   10.9 mi
2. Turn right onto Harlem Rd
   0.5 mi



Source: Google Maps 2015

1.0 INTRODUCTION

The purpose of this Health and Safety Plan (HASP) is to provide guidelines for responding to potential health and safety issues that may be encountered during the Interim Remedial Measure (IRM) at 11075 Walden Avenue in the Town of Alden, Erie County, New York (Site). This HASP only reflects the policies of LaBella Associates, D.P.C. The requirements of this HASP are applicable to all approved LaBella personnel at the work Site. This document's project specifications, and the Community Air Monitoring Plan (CAMP), are to be consulted for guidance in preventing and quickly abating any threat to human safety or the environment. The provisions of the HASP do not replace or supersede any regulatory requirements of the United States Environmental Protection Agency, New York State Department of Environmental Conservation, Occupational Safety and Health Administration or other regulatory bodies.

2.0 RESPONSIBILITIES

This HASP presents guidelines to minimize the risk of injury to project personnel, and to provide rapid response in the event of injury. The HASP is applicable only to activities of approved LaBella personnel and their authorized visitors. The Project Manager shall implement the provisions of this HASP for the duration of the project. It is the responsibility of LaBella employees to follow the requirements of this HASP, and all applicable company safety procedures.

3.0 ACTIVITIES COVERED

The activities covered under this HASP are limited to the following:

- Management of environmental investigation and remediation activities
- Environmental Monitoring
- Collection of samples
- Management of excavated soil and liquid waste (groundwater)

4.0 WORK AREA ACCESS AND SITE CONTROL

The contractor(s) will have primary responsibility for work area access and Site control.

5.0 POTENTIAL HEALTH AND SAFETY HAZARDS

This section lists some potential health and safety hazards that project personnel may encounter at the project Site and some actions to be implemented by approved personnel to control and reduce the associated risk to health and safety. This is not intended to be a complete listing of any and all potential health and safety hazards. New or different hazards may be encountered as Site environmental and Site work conditions change. The suggested actions to be taken under this plan are not to be substituted for good judgment on the part of project personnel. At all times, the Site Safety Officer has responsibility for Site safety and his instructions must be followed.

5.1 *Hazards Due to Heavy Machinery*

Potential Hazard:

Heavy machinery including drilling rigs, excavators, trailers, etc. will be in operation at the Site. The presence of such equipment presents the danger of being struck or crushed and can also create noise pollution. Use caution when working near heavy machinery.

Protective Action:

Make sure that operators are aware of your activities, and heed operator's instructions and warnings. Wear bright colored clothing and walk safe distances from heavy equipment. A hard hat, safety glasses, steel toe shoes and ear protection are required.

5.2 *Excavation Hazards*

Potential Hazard:

Excavations and trenches can collapse, causing injury or death. Edges of excavations can be unstable and collapse. Toxic and asphyxiant gases can accumulate in confined spaces and trenches. Excavations that require working within the excavation will require air monitoring in the breathing zone (refer to Section 9.0).

Excavations left open create a fall hazard which can cause injury or death.

Protective Action:

Personnel must receive approval from the Project Manager to enter an excavation for any reason. Subsequently, approved personnel are to receive authorization for entry from the Site Safety Officer. Approved personnel are not to enter excavations over 4 feet in depth unless excavations are adequately sloped. Additional personal protective equipment may be required based on the air monitoring.

While shoring is planned for the proposed excavation, personnel should exercise caution near all excavations at the Site as excavation sidewalls may become unstable. Do not proceed closer than 3 feet to an unsupported or non-sloped excavation side wall. The contractor will be responsible to ensure that all excavations are left in a safe condition.

Excavations shall be backfilled immediately following completion. If this is not possible, fencing and/or barriers accompanied by "no trespassing" signs should be placed around all excavations when left open for any period of time when work is not being conducted.

5.3 *Cuts, Punctures and Other Injuries*

Potential Hazard:

In any excavation and construction work Site there is the potential for the presence of sharp or jagged edges on rock, metal materials, and other sharp objects. Serious cuts and punctures can result in loss of blood and infection.

Protective Action:

The Project Manager is responsible for making First Aid supplies available at the work Site to treat minor injuries. The Site Safety Officer is responsible for arranging the transportation of authorized on-site personnel to medical facilities when First Aid treatment in not sufficient. Do not move seriously injured workers. All injuries requiring treatment are to be reported to

the Project Manager. Serious injuries are to be reported immediately to the Site Safety Officer.

5.4 Injury Due to Exposure of Chemical Hazards

Potential Hazards:

Contaminants identified in testing locations at the Site include various chlorinated solvent volatile organic compounds (VOCs). Volatile organic vapors, chlorinated solvents or other chemicals may be encountered during subsurface activities at the project work Site. Inhalation of high concentrations of volatile organic vapors can cause headache, stupor, drowsiness, confusion and other health effects. Skin contact can cause irritation, chemical burn, or dermatitis. In addition, as subsurface activities will take place within the Site Building, there is the potential for carbon monoxide build-up to occur as a result of machinery operation. Inhalation of high concentrations of carbon monoxide can cause headache, stupor, drowsiness, confusion and other health effects including death.

Protective Action:

The use of properly selected Personal Protective Equipment (PPE), adherence to standard health and safety pre-cautions (e.g., no smoking or eating within work area or prior to personal decontamination), and implementation of routine dust suppression methods will effectively minimize exposure to the known contaminants on-site.

The presence of organic vapors may be detected by their odor and by monitoring instrumentation. Approved employees will not work in environments where hazardous concentrations of organic vapors are present. Air monitoring (refer to Section 9.0) of the work area will be performed at least every 60 minutes or more often using a Photoionization Detector (PID). Personnel are to leave the work area whenever PID measurements of ambient air exceed 25 parts per million (ppm) consistently for a 5 minute period. In the event that sustained total volatile organic compound (VOC) readings of 25 ppm are encountered personnel should upgrade personal protective equipment to Level C (refer to Section 8.0) and an Exclusion Zone should be established around the work area to limit and monitor access to this area (refer to Section 6.0).

As the potential for Carbon monoxide build-up exists during subsurface activities, the work area will be properly ventilated in real-time. Carbon monoxide concentrations will also be evaluated at least every 60 minutes or more often using a Carbon Monoxide detector. If concentrations of carbon monoxide are identified in exceedance of 10 ppm during subsurface activities, additional ventilation of the work area will be required prior to commencing with such.

5.5 Injuries due to extreme hot or cold weather conditions

Potential Hazards:

Extreme hot weather conditions can cause heat exhaustion, heat stress and heat stroke or extreme cold weather conditions can cause hypothermia.

Protective Action:

Precaution measures should be taken such as dress appropriately for the weather conditions and drink plenty of fluid. If personnel should suffer from any of the above conditions, proper techniques should be taken to cool down or heat up the body and taken to the nearest hospital if needed.

5.6 Injuries due to Saw Cutting of Concrete Surfaces

Potential Hazards:

As saw cutting of the interior concrete slab will be required in order to proceed with the excavation of chlorinated solvent VOC-impacted soils beneath the Site Building, there is the potential for worker exposure to silica dust.

Protective Action:

It is recommended that approved personnel conducting saw cutting activities wear at a minimum a ½ face respirator with organic vapor cartridges. On-site personnel not associated with saw cutting activities should remain a safe distance and (if applicable) upwind from the work area during such to avoid exposure to potential silica dust.

6.0 WORK ZONES

In the event that conditions warrant establishing various work zones (i.e., based on hazards - Section 5.0), the following work zones should be established:

Exclusion Zone (EZ):

The EZ will be established in the immediate vicinity and adjacent downwind direction of Site activities that elevate breathing zone VOC concentrations to unacceptable levels based on field screening. These Site activities include contaminated soil excavation and soil sampling activities. If access to the Site is required to accommodate non-project related personnel then an EZ will be established by constructing a barrier around the work area (yellow caution tape and/or construction fencing). The EZ barrier shall encompass the work area and any equipment staging/soil staging areas necessary to perform the associated work. The contractor(s) will be responsible for establishing the EZ and limiting access to approved personnel. Depending on the condition for establishing the EZ, access to the EZ may require adequate PPE (e.g., Level C).

Contaminant Reduction Zone (CRZ):

The CRZ will be the area where personnel entering the EZ will don proper PPE prior to entering the EZ and the area where PPE may be removed. The CRZ will also be the area where decontamination of equipment and personnel will be conducted as necessary.

7.0 DECONTAMINATION PROCEDURES

Upon leaving the work area, approved personnel shall decontaminate footwear as needed. Under normal work conditions, detailed personal decontamination procedures will not be necessary. Work clothing may become contaminated in the event of an unexpected splash or spill or contact with a contaminated substance. Minor splashes on clothing and footwear can be rinsed with clean water. Heavily contaminated clothing should be removed if it cannot be rinsed with water. Personnel assigned to this project should be prepared with a change of clothing whenever on Site.

Personnel will use the contractor's disposal container for disposal of PPE.

8.0 PERSONAL PROTECTIVE EQUIPMENT

Generally, Site conditions at this work Site require level of protection of Level D or modified Level D; however, air monitoring will be conducted to determine if up-grading to Level C PPE is required (refer to Section 9.0). Descriptions of the typical safety equipment associated with Level D and Level C are provided below:

Level D:

Hard hat, safety glasses, rubber nitrile sampling gloves, steel toe construction grade boots, etc.

Level C:

Level D PPE and full or ½-face respirator and tyvek suit (if necessary). [*Note: Organic vapor cartridges are to be changed after each 8-hours of use or more frequently.*]

9.0 AIR MONITORING

According to 29 CFR 1910.120(h), air monitoring shall be used to identify and quantify airborne levels of hazardous substances and health hazards in order to determine the appropriate level of employee protection required for personnel working onsite. Air monitoring will consist at a minimum of the procedure listed below. Air monitoring instruments will be calibrated and maintained in accordance with the manufacturer's specifications.

The Air Monitor will utilize a PID to screen the ambient air in the work areas (drilling, excavation, soil staging, and soil grading areas) for total VOCs, DustTrak tm Model 8520 aerosol monitors or equivalent for measuring particulates and a carbon monoxide detector for total carbon monoxide concentrations. Work area ambient air will generally be monitored in the work area and downwind of the work area. Air monitoring of the work areas and downwind of the work areas will be performed at least every 60 minutes using a PID, the DustTrak meter and a carbon monoxide detector.

If sustained PID readings of greater than 25 ppm are recorded in the breathing zone, either personnel are to leave the work area until satisfactory readings are obtained or approved personnel may re-enter the work areas wearing at a minimum a ½ face respirator with organic vapor cartridges for an 8-hour duration (i.e., upgrade to Level C PPE). Organic vapor cartridges are to be changed after each 8-hour use or more frequently, if necessary. If PID readings are sustained, in the work area, at levels above 50 ppm for a 5 minute average, work will be stopped immediately until safe levels of VOCs are encountered or additional PPE will be required (i.e., Level B).

As the potential for Carbon monoxide build-up exists during subsurface activities, the work area will be properly ventilated in real-time. If concentrations of carbon monoxide are identified in exceedance of 10 ppm during subsurface activities, additional ventilation of the work area will be required prior to commencing with such.

10.0 EMERGENCY ACTION PLAN

In the event of an emergency, employees are to turn off and shut down all powered equipment and leave the work areas immediately. Employees are to walk or drive out of the Site as quickly as possible, wait at the assigned "safe area" and follow the instructions of the Site Safety Officer.

Employees are not authorized or trained to provide rescue and medical efforts. Rescue and medical efforts will be provided by local authorities.

11.0 MEDICAL SURVEILLANCE

Medical surveillance will be provided to all employees who are injured due to overexposure from an emergency incident involving hazardous substances at this Site.

12.0 EMPLOYEE TRAINING

Personnel who are not familiar with this Site plan will receive training on its entire content and organization before working at the Site.

Individuals involved with the remedial investigation must be 40-hour OSHA HAZWOPER trained with current 8-hour refresher certification.

Table 1
Exposure Limits and Recognition Qualities

Compound	PEL-TWA (ppm)(b)(d)	TLV-TWA (ppm)(c)(d)	STEL (ppm)(b)	LEL (%)(e)	UEL (%)(f)	IDLH (ppm)(g)(d)	Odor	Odor Threshold (ppm)	Ionization Potential
Acetone	750	500	NA	2.15	13.2	20,000	Sweet	4.58	9.69
Anthracene	.2	.2	NA	NA	NA	NA	Faint aromatic	NA	NA
Benzene	1	0.5	5	1.3	7.9	3000	Pleasant	8.65	9.24
Benzo (a) pyrene (coal tar pitch volatiles)	0.2	0.1	NA	NA	NA	700	NA	NA	NA
Benzo (a)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (b) Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (g,h,i)perylene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (k) Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	NA	NA	NA	NA	NA	NA	NA	NA	10.88
Carbon Disulfide	20	1	NA	1.3	50	500	Odorless or strong garlic type	.096	10.07
Chlorobenzene	75	10	NA	1.3	9.6	2,400	Faint almond	0.741	9.07
Chloroform	50	2	NA	NA	NA	1,000	ethereal odor	11.7	11.42
Chrysene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethylene	200	200	NA	9.7	12.8	400	Acrid	NA	9.65
1,2-Dichlorobenzene	50	25	NA	2.2	9.2		Pleasant		9.07
Ethyl Alcohol	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100	100	NA	1.0	6.7	2,000	Ether	2.3	8.76
Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropyl Alcohol	400	200	500	2.0	12.7	2,000	Rubbing alcohol	3	10.10
Isopropylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	500	50	NA	12	23	5,000	Chloroform-like	10.2	11.35
Naphthalene	10, Skin	10	NA	0.9	5.9	250	Moth Balls	0.3	8.12
n-propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphoric Acid	1	1	3	NA	NA	10,000	NA	NA	NA
Polychlorinated Biphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium Hydroxide	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethane	NA	NA	NA	NA	NA	NA	Sweet	NA	NA
Toluene	100	100	NA	0.9	9.5	2,000	Sweet	2.1	8.82
Trichloroethylene	100	50	NA	8	12.5	1,000	Chloroform	1.36	9.45
1,2,4-Trimethylbenzene	NA	25	NA	0.9	6.4	NA	Distinct	2.4	NA
1,3,5-Trimethylbenzene	NA	25	NA	NA	NA	NA	Distinct	2.4	NA
Vinyl Chloride	1	1	NA	NA	NA	NA	NA	NA	NA
Xylenes (o,m,p)	100	100	NA	1	7	1,000	Sweet	1.1	8.56
Metals									
Arsenic	0.01	0.2	NA	NA	NA	100, Ca	NA	NA	NA
Cadmium	0.2	0.5	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	1	0.5	NA	NA	NA	NA	NA	NA	NA
Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.05	0.15	NA	NA	NA	700	NA	NA	NA
Mercury	0.05	0.05	NA	NA	NA	28	NA	NA	NA
Selenium	0.2	0.02	NA	NA	NA	Unknown	NA	NA	NA

(a) Skin = Skin Absorption
(b) OSHA-PEL Permissible Exposure Limit (flame weighted average, 8-hour): NIOSH Guide, June 1990
(c) ACGIH – 8 hour time weighted average from Threshold Limit Values and Biological Exposure Indices for 2003.
(d) Metal compounds in mg/m3
(e) Lower Exposure Limit (%)
(f) Upper Exposure Limit (%)
(g) Immediately Dangerous to Life or Health Level: NIOSH Guide, June 1990.

Notes:
1. All values are given in parts per million (PPM) unless otherwise indicated.
2. Ca = Possible Human Carcinogen, no IDLH information.

APPENDIX 3

Community Air Monitoring Plan

Site Community Air Monitoring Plan

Location:

11075 Walden Avenue
Alden, New York 14004

Prepared for:

Mr. Jim Doro
Walden Realty Limited Partnership/ Doritex Corp.
11980 Walden Avenue
Alden, New York

LaBella Project No. 2180605

May 2018

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List of Attachments

Attachment 1: NYSDOH Community Air Monitoring Plan
Attachment 2: NYSDEC Fugitive Dust and Particulate Monitoring Plan

1.0 INTRODUCTION

The purpose of this Site Community Air Monitoring Plan (CAMP) is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of remedial work activities at the Site located at 11075 Walden Avenue in the Town of Alden, Erie County, New York. This Site-Specific Air Monitoring Program (SSAMP) is not intended for use in establishing action levels for worker respiratory protection.

This SSAMP requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust), at the downwind perimeter of each designated work area when certain activities are in progress at the Site. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the SSAMP will help to confirm that work activities have not spread contamination off-site through the air.

2.0 RESPONSIBILITIES

This SSAMP is applicable to the remedial activities of contractors, engineers, consultants, facility employees, and their authorized visitors. The Project Manager shall implement the provisions of this SSAMP for the duration of the project. It is the responsibility of all remedial workers to follow the requirements of this SSAMP, and all applicable air safety procedures.

3.0 ACTIVITIES COVERED

The activities covered under this SSAMP include the following:

- Management of environmental investigation and remediation activities
- Environmental monitoring
- Collection of samples
- Management of excavated soil and liquid waste (groundwater)

4.0 WORK AREA ACCESS AND SITE CONTROLS

The contractor(s) will have primary responsibility for work area access and site control.

5.0 VOLATILE ORGANIC COMPOUND MONITORING

Monitoring for VOCs will be implemented in accordance with the New York State Department of Health (NYSDOH) Generic Community Air Monitoring Plan, which is included in Attachment 1.

6.0 PARTICULATE MONITORING

Monitoring for dust will be implemented in accordance with the NYSDOH Generic Community Air Monitoring Plan (Attachment 1) as well as New York State Department of Environmental Conservation's Fugitive Dust and Particulate Monitoring (Attachment 2).

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ATTACHMENT 1

NYSDOH Community Air Monitoring Plan

Attachment 1
New York State Department of Health
Generic Community Air Monitoring Plan

Overview

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. "Periodic" monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or

overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

December 2009

ATTACHMENT 2

NYSDEC Fugitive Dust and Particulate Monitoring Plan

Attachment 2
Fugitive Dust and Particulate Monitoring

A program for suppressing fugitive dust and particulate matter monitoring at hazardous waste sites is a responsibility on the remedial party performing the work. These procedures must be incorporated into appropriate intrusive work plans. The following fugitive dust suppression and particulate monitoring program should be employed at sites during construction and other intrusive activities which warrant its use:

1. Reasonable fugitive dust suppression techniques must be employed during all site activities which may generate fugitive dust.

2. Particulate monitoring must be employed during the handling of waste or contaminated soil or when activities on site may generate fugitive dust from exposed waste or contaminated soil. Remedial activities may also include the excavation, grading, or placement of clean fill. These control measures should not be considered necessary for these activities.

3. Particulate monitoring must be performed using real-time particulate monitors and shall monitor particulate matter less than ten microns (PM10) with the following minimum performance standards:

(a) Objects to be measured: Dust, mists or aerosols;
(b) Measurement Ranges: 0.001 to 400 mg/m3 (1 to 400,000 :ug/m3);
(c) Precision (2-sigma) at constant temperature: +/- 10 :g/m3 for one second averaging; and +/- 1.5 g/m3 for sixty second averaging;
(d) Accuracy: +/- 5% of reading +/- precision (Referred to gravimetric calibration with SAE fine test dust (mmd= 2 to 3 :m, g= 2.5, as aerosolized);
(e) Resolution: 0.1% of reading or 1g/m3, whichever is larger;
(f) Particle Size Range of Maximum Response: 0.1-10;
(g) Total Number of Data Points in Memory: 10,000;
(h) Logged Data: Each data point with average concentration, time/date and data point number
(i) Run Summary: overall average, maximum concentrations, time/date of maximum, total number of logged points, start time/date, total elapsed time (run duration), STEL concentration and time/date occurrence, averaging (logging) period, calibration factor, and tag number;
(j) Alarm Averaging Time (user selectable): real-time (1-60 seconds) or STEL (15 minutes), alarms required;
(k) Operating Time: 48 hours (fully charged NiCd battery); continuously with charger;
(l) Operating Temperature: -10 to 50^{o} C (14 to 122^{o} F);
(m) Particulate levels will be monitored upwind and immediately downwind at the working site and integrated over a period not to exceed 15 minutes.

4. In order to ensure the validity of the fugitive dust measurements performed, there must be appropriate Quality Assurance/Quality Control (QA/QC). It is the responsibility of the remedial party to adequately supplement QA/QC Plans to include the following critical features: periodic instrument calibration, operator training, daily instrument performance (span) checks, and a record keeping plan.

5. The action level will be established at 150 ug/m3 (15 minutes average). While conservative,

this short-term interval will provide a real-time assessment of on-site air quality to assure both health and safety. If particulate levels are detected in excess of 150 ug/m3, the upwind background level must be confirmed immediately. If the working site particulate measurement is greater than 100 ug/m3 above the background level, additional dust suppression techniques must be implemented to reduce the generation of fugitive dust and corrective action taken to protect site personnel and reduce the potential for contaminant migration. Corrective measures may include increasing the level of personal protection for on-site personnel and implementing additional dust suppression techniques (see paragraph 7). Should the action level of 150 ug/m3 continue to be exceeded work must stop and DER must be notified as provided in the site design or remedial work plan. The notification shall include a description of the control measures implemented to prevent further exceedances.

6. It must be recognized that the generation of dust from waste or contaminated soil that migrates off-site, has the potential for transporting contaminants off-site. There may be situations when dust is being generated and leaving the site and the monitoring equipment does not measure PM10 at or above the action level. Since this situation has the potential to allow for the migration of contaminants off-site, it is unacceptable. While it is not practical to quantify total suspended particulates on a real-time basis, it is appropriate to rely on visual observation. If dust is observed leaving the working site, additional dust suppression techniques must be employed. Activities that have a high dusting potential--such as solidification and treatment involving materials like kiln dust and lime--will require the need for special measures to be considered.

7. The following techniques have been shown to be effective for the controlling of the generation and migration of dust during construction activities:

(a) Applying water on haul roads;
(b) Wetting equipment and excavation faces;
(c) Spraying water on buckets during excavation and dumping;
(d) Hauling materials in properly tarped or watertight containers;
(e) Restricting vehicle speeds to 10 mph;
(f) Covering excavated areas and material after excavation activity ceases; and
(g) Reducing the excavation size and/or number of excavations.

Experience has shown that the chance of exceeding the 150ug/m3 action level is remote when the above-mentioned techniques are used. When techniques involving water application are used, care must be taken not to use excess water, which can result in unacceptably wet conditions. Using atomizing sprays will prevent overly wet conditions, conserve water, and provide an effective means of suppressing the fugitive dust.

8. The evaluation of weather conditions is necessary for proper fugitive dust control. When extreme wind conditions make dust control ineffective, as a last resort remedial actions may need to be suspended. There may be situations that require fugitive dust suppression and particulate monitoring requirements with action levels more stringent than those provided above. Under some circumstances, the contaminant concentration and/or toxicity may require additional monitoring to protect site personnel and the public. Additional integrated sampling and chemical analysis of the dust may also be in order. This must be evaluated when a health and safety plan is developed and when appropriate suppression and monitoring requirements are established for protection of health and the environment.

Supplemental Interim Remedial Measures Work Plan – In Situ Remediation

Location:

BCP Site # C915333
11075 Walden Avenue
Alden, New York 14004

Prepared for:

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April 14, 2020

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Appendix 5 - ABC+ Injection Standard Operating Procedures

1.0 INTRODUCTION

LaBella Associates, D.P.C. (LaBella) is pleased to submit this Supplemental Interim Remedial Measures (IRM) Work Plan (IRMWP) to conduct remedial activities at 11075 Walden Avenue, Town of Alden, Erie County, New York, herein after referred to as the "Site." Walden Realty Limited Partnership/Doritex Corp. entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) on January 19, 2018 (Site #C915333). A Site Location Map is included as Figure 1.

Interim Remedial Measure and Remedial Investigation activities consistent with that outlined within the IRMWP and Remedial Investigation Work Plan (RIWP) dated November 28, 2018 have been completed at the Site. Based on the work completed to date, as summarized in Section 3.0, limited residual subsurface chlorinated volatile organic compound (cVOC) (solvent)-impacted soil remains adjacent and beneath the limits of the IRM Excavation completed in June 2018. In addition, limited cVOC-impacted groundwater appears to be present downgradient of the IRM Excavation within groundwater monitoring well MW-12. The purpose of this Supplemental IRMWP is to establish methods to reduce the severity of the cVOC impacted soil and groundwater located proximate the IRM Excavation and reduce the potential for cVOC impacted groundwater to migrate off-site beyond the west Site boundary.

The activities in this Supplemental IRMWP will be carried out in accordance with the NYSDEC's Department of Environmental Remediation (DER)-10 (*Technical Guidance for Site Investigation and Remediation)* issued May 3, 2010.

2.0 SITE DESCRIPTION AND HISTORY

2.1 Site Description and Surrounding Properties

The Site consists of one tax parcel (SBL #96.00-4-6.2) totaling 2.6± acres. The Site is located in a suburban area south of Walden Avenue and west of Commerce Drive. Figure 2 illustrates the location and boundaries of the current tax parcel associated with the Site. Current Site features include one, single-story 34,858 square foot vacant commercial building (Site Building) on the central portion of the Site. Exterior areas include green space to the north, west, and south of the Site Building, and asphalt-paved parking areas to the east and south of the Site Building.

2.2 Site History

The Site consisted of undeveloped land from at least 1880 to at least 1951 and agricultural land from at least 1938 to at least 1951. The Site appears to have been developed with the original portion of the Site Building in at least 1964. The Site was historically utilized as a commercial laundry facility, including dry cleaning, from at least 1988 (potentially as early as the 1970s) through 2006. It should be noted that the Site was listed within the Federal Drycleaners, Resource Conservation and Recovery Act Generator, and Aerometric Information Retrieval System's programs associated with the dry cleaning operations. The Site also reportedly utilized a septic system prior to the mid-1980s. Floor drains noted throughout the Site Building may have previously discharged to an on-site septic system. Furthermore, former on-site operations reportedly included printing. Although available resources to date were consulted, the use of the Site Building in the 1960s is unknown. Adjacent properties have been historically utilized agriculturally and commercially.

2.3 Site Geology and Hydrogeology

According to the United States Department of Agriculture Erie County Soil Survey, soils at the Site consist mainly of Kendaia silt loam. Soils of this type are characterized by silt loam, gravelly silt loam and gravelly loam and are generally considered to be somewhat poorly-drained soil. Based on the results of LaBella's December 4, 2017 Phase II Environmental Site Assessment (ESA) report and completed tasks related to Remedial Investigation and Interim Remedial Measures (as of August 2019), non-native materials at the Site have included 0.5-foot concrete slabs, asphalt-paved parking areas and sub-base layers associated with the concrete slabs, and asphalt-paved parking areas to depths of between 0.5 and one feet below the ground surface (ft bgs). In addition, a fill layer consisting of brown silty clay intermingled with trace gravel, rock and concrete was encountered to depths ranging from one to two ft bgs proximate the Site Building foundation areas. Native soils generally consisted of brown-red to brown-gray clayey silts with traces of gravel, typical of outwash plains and alluvial fans to a depth of approximately 35 ft bgs throughout the Site. Static water level has been measured in the on-site wells over the course of several dates and throughout different seasons of the year between 2017 and 2019. Considering this, depth to groundwater has been measured at the Site ranging between one and 22 ft bgs. Bedrock beneath the Site is reported to consist of Marcellus Formation black shale, limestone and sandstone, dating from the Middle Devonian period.

3.0 PREVIOUS INVESTIGATIONS

This Supplemental IRMWP scope of work was developed utilizing information collected from the Site to date including information generated as a result of IRM and RI activities. Based on the results of IRM activities completed in June 2018, the IRM Excavation was advanced beneath the concrete slab located within the west central portion of the Site Building in attempt to eliminate what appears to be the primary source of cVOCs at the Site. The IRM Excavation successfully removed approximately 218-tons of cVOC impacted soil from beneath the west central interior of the Site Building; however, visual and olfactory evidence of impact persisted at a depth of 10 ft bgs within the south portion of the IRM Excavation. Additional excavation within the south portion of the excavation was not feasible as such would have potentially destabilized of the Site Building foundation located along the west limits of the IRM Excavation. The IRM Excavation was subsequently backfilled with approved material and cVOC impacted soil removed from the IRM Excavation was transported off-site for proper disposal.

None of the post-confirmatory soil samples collected from the IRM Excavation limits identified VOC concentrations exceeding NYSDEC Part 375 Commercial Use Soil Cleanup Objectives (SCOs), with the exception of the post-confirmatory soil sample Floor 1. Floor 1 collected from the south portion of the IRM Excavation at 10 ft bgs identified a concentration of tetrachloroethene (PCE) of 170,000 micrograms per kilogram (µg/kg) which exceeds the NYSDEC Part 375 Commercial Use Soil Cleanup Objective (SCO) of 150,000 µg/kg. It should be noted that groundwater samples collected from MW-12 immediately west of the IRM Excavation in March 2019 and July 2019 identified PCE concentrations of 1,000 micrograms per liter (µg/l) and 2,500 µg/l, respectively.

To further evaluate the vertical and horizontal extent of the soil impact identified within the south portion of the IRM Excavation proximate Floor 1 and the groundwater conditions immediately downgradient of the IRM Excavation, five deep soil borings (SB-40 through SB-45) were advanced proximate Floor 1, the periphery of the IRM Excavation, and one 2-inch permanent groundwater monitoring well (MW-15) was installed downgradient of the IRM Excavation in July and August 2019.

The deep soil borings were advanced to a maximum depth of between 24 and 35 ft bgs. Soil and groundwater samples were collected from each of the deep soil borings and MW-15, and submitted for laboratory analysis for Target Compound List (TCL) VOCs. Soil samples collected from SB-40 from 15-16 ft bgs and 23-24 ft bgs identified PCE concentrations of 310,000 µg/kg and 82,000 µg/kg respectively; however, no VOCs were detected exceeding NYSDEC Part 375 Commercial Use SCOs or NYSDEC Division of Water Technical and Operations Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) in the remaining soil or groundwater samples collected proximate the IRM Excavation. Based on the information collected to date related to the subsurface conditions at the Site and proximate the IRM Excavation, it appears that subsurface soil cVOC-impact is confined horizontally to the immediate vicinity of Floor 1/SB-40 and groundwater cVOC impact is limited to proximate MW-12.

Investigation locations completed to date, the IRM Excavation limits, post-confirmatory soil sampling locations, and groundwater flow direction are depicted on Figure 3 through Figure 5 attached to this work plan. Soil and groundwater laboratory results are included within Table 2 through Table 6 attached to this work plan. In addition, subsurface logs and a groundwater monitoring well construction diagram related to soil borings SB-40 through SB-45, and groundwater monitoring well MW-15 are included within Appendix 1.

4.0 STANDARDS, CRITERIA, AND GUIDANCE

This section identifies the Standards, Criteria and Guidance (SCG) for the Site. The SCG identified are used in order to quantify the extent of contamination at the Site that require remedial work based on the cleanup goal. The SCG to be utilized as part of the implementation of this Supplemental IRMWP will include NYSDEC TOGS 1.1.1 AWQS. Table 1 presents the complete list of the applicable SCG to be utilized as part of the implementation of this Supplemental IRMWP.

5.0 AREAS OF CONCERN

The purpose of this Supplemental IRMWP is to improve subsurface conditions proximate to and downgradient of area of concern (AOC) #2: Impacted Soil and AOC #3: Impacted Groundwater and retard potential future migration of contaminants towards the west property boundary. Elevated concentrations of PCE remain the subsurface beneath the IRM Excavation, specifically proximate Floor 1/SB-40 and MW-12. It should be noted that AOC #1: Impacted Soil Vapor is excluded from this Supplemental IRMWP.

6.0 OBJECTIVES

The objective of this Supplemental IRM is to inject a mixture of Anaerobic BioChem and Zero Valent Iron to provide enhanced reductive dechlorination of the remaining subsurface solvent constituents beneath the IRM Excavation and proximate the west exterior of the Site Building. This proposed Supplemental IRM is intended to improve subsurface conditions proximate to and downgradient of the IRM Excavation and retard potential future migration of contaminants towards the west property boundary from the IRM Excavation. The overall objective for the Site remains as a re-use for commercial-type operations.

7.0 SUMMARY OF REMEDIAL GOALS

The proposed future use of the Site is commercial in nature. As such, this Supplemental IRM is intended to eliminate or mitigate significant threats to public health and/or the environment presented by the subsurface impacts identified through previous investigations with the continued application of scientific and engineering principles. The Remedial Goals for this Supplemental IRMWP are as follows:

1) Install approximately 25 temporary injection points within and immediately surrounding the IRM Excavation beneath the west central portion of the Site Building.
2) Install approximately 13 temporary injection points proximate the west exterior of the Site Building immediately down-gradient of the Floor 1/SB-40.
3) Perform two groundwater sampling events subsequent injection completion. Such will include collection of groundwater samples from groundwater monitoring wells MW-12 and MW-15.

8.0 INTERIM REMEDIAL MEASURES PLAN

Based on the goals and objectives of this Supplemental IRM as summarized above in Section 6.0 and 7.0, the cVOC concentrations present in the subsurface, and the hydrogeological conditions at the Site, the injection methods (i.e. injection material, volume, depth, locations, etc.) were calculated as is summarized in Section 8.1 below. All Supplemental IRM field activities will be completed in accordance with the Site Health and Safety Plan (HASP) and Site Community Air Monitoring Plan (CAMP) included in Appendix 2 and Appendix 3, respectively.

8.1 Enhanced Reductive Dechlorination Injections

The enhanced reductive dechlorination application is a slurry-like mixture of lactates, fatty acids, and a phosphate buffer. This Anearobic BioChem (ABC®) and Zero Valent Iron (ZVI), or ABC+, mixture also contains soluble lactic acid as well as slow and long term releasing components. The phosphate buffer provides phosphates, which are a micronutrient for in situ bioremediation. This buffer also helps to maintain the pH in a range that is ideal for microbial growth. The addition of ZVI to the mixture provides a number of advantages for enhanced reductive dechlorination. The ZVI will provide an immediate reducing action. This corrosion of the iron will yield ferrous iron and hydrogen, both of which are potential reducing agents. The hydrogen gas produced from this reaction is also an excellent energy source for a wide range of bacteria. This method of treatment for cVOCs has been proven and widely accepted as an effective means of in situ remediation for cVOCs. Product information and safety data sheets related to ABC+ are included within Appendix 4. The Standard Operating Procedure for ABC+ Injections is included in Appendix 5. It should be noted that the work performed may require modification should unanticipated subsurface conditions be encountered during field activities.

8.1.1 Utility Location

Prior to advancement of the injection locations as summarized below within Sections 8.1.2 and 8.1.3, LaBella will retain the services of a qualified sub-consultant to locate utilities within the area to be disturbed by the injections. Methods utilized to assess utility locations may include but not necessarily limited to use of utility locating, ground penetrating radar, and magnetometer equipment.

It should be noted that the results of the utility location has the potential to alter the anticipated injection locations during field activities.

8.1.2 Source Area Injections

It is anticipated that approximately 25 injection locations will be advanced within a 50 foot by 50 foot plot centered on the source area (IRM Excavation and Floor 1/SB-40) spaced on a grid approximately 10 feet apart. A total of approximately 6,300 gallons of ABC+ mixture will be injected within the source area. The anticipated injection locations are depicted in the attached Figure 6. Each source area injection location will be advanced with a 1.5-inch diameter direct-push injection point to reach a target depth of approximately 30 ft bgs. Once the target depth is reached, an expendable point will be released from the end of the geoprobe and the ABC+ mixture will be introduced at each injection location from the bottom of the injection location upwards at two to four foot increments as the geoprobe equipment is extracted. If daylighting of the mixture becomes apparent, it may be necessary to advance additional injection points. Care will be taken to monitor the shallow backfill material in the previous excavation area to prevent it from becoming a preferential outlet. This will be accomplished by gauging/sounding the injection material as the injections are ongoing. It should be noted that this method of direct push injections will not generate soil cuttings.

8.1.3 Downgradient Injections

It is anticipated that approximately 13 injection locations will be advanced in two offset rows along a 50 foot transect spaced on a grid approximately 10 feet apart proximate the west exterior of the Site Building. A total of approximately 2,500 gallons of ABC+ mixture will be injected within the downgradient area. The anticipated injection locations are depicted in the attached Figure 6. Each downgradient injection location will be advanced 1.5-inch diameter direct-push injection point to reach a target depth of approximately 30 ft bgs. Once the target depth is reached, an expendable point will be released from the end of the geoprobe and the ABC+ mixture will be introduced at each injection location from the bottom of the injection location upwards at two to four foot increments as the geoprobe equipment is extracted. If daylighting of the mixture becomes apparent, it may be necessary to advance additional injection points. Care will be taken to monitor the shallow backfill material in the previous excavation area to prevent it from becoming a preferential outlet. This will be accomplished by gauging/sounding the injection material as the injections are ongoing. It should be noted that this method of direct push injections will not generate soil cuttings.

Good housekeeping practices will be followed to prevent leaving contaminated material on the ground surface (e.g., precautions will be taken to prevent impacts to the ground surface due to material spilled from the drilling or injection equipment). Any material that does spill on to the ground surface will be promptly picked up and placed in an appropriate location.

8.2 Groundwater Sampling

Prior to field activities related to the Enhanced Reductive Dechlorination Injections summarized above, groundwater monitoring wells MW-12 and MW-15 will be purged of at least three well volumes, or to dry, and groundwater samples will be collected and submitted under standard chain of custody procedures to a New York State Department of Health approved laboratory for analysis for TCL VOCs using United States Environmental Protection Agency Method 8260. In addition, groundwater samples will be collected from groundwater monitoring wells MW-12 and MW-15 utilizing the same methods above approximately 90 days subsequent completion of the Enhanced Reductive Dechlorination Injections. Groundwater elevations will be collected from each existing

permanent groundwater monitoring well located at the Site concurrent with each sampling event to establish groundwater flow direction.

8.3 Waste Stream Tracking and Verification

Should waste be generated, the following documentation will be kept in relation to waste streams as applicable:

- Correspondence from the facility accepting the waste stream
- Waste profiles
- Waste characterization sampling and analytical results
- Manifests
- Bills of lading
- Weight tickets

The tracking information will be provided in the IRM Construction Completion Report (See Section 9.0 for details).

8.4 Site Restoration

Following completion of the Supplemental IRM, it is anticipated that the injection locations will be backfilled generally to pre-existing grade with bentonite. Should additional material be required to backfill the soil borings, such will be closed in accordance with NYSDEC DER-10 guidelines. Interior injection locations will be concrete patched to match the existing floor.

8.5 Temporary Controls & Site Safety

Water mist and other suitable methods to limit the spread of any dust, dirt and vapors/odors/gases shall be used as deemed necessary by the guidelines provided in the site-specific CAMP (Appendix 3). The methods to control fugitive dust, dirt, and vapors/odors/gases may include one or more of the following:

- Providing and maintaining all equipment needed to control dust, vapors, and odors prior to starting the intrusive tasks.
- Properly ventilating interior work areas.

See the site-specific CAMP (Appendix 3) for additional information on air monitoring, action levels, and engineering controls to address fugitive dust, dirt, and vapors/odors/gases. Additionally, the Supplemental IRM will consist of safely containing the project work area, and maintaining traffic and access to the Site as needed to ensure public safety.

In order to protect pedestrians as well as Site workers from the hazards associated with completing the Supplemental IRM, appropriate precautionary measures will be taken to provide adequate safety measures. These safety measures will include (note: some of these measures may not be necessary for smaller excavations):

- If appropriate, approximate respirators will be worn by the Site workers in accordance with the HASP included in Appendix 2.
- Placing orange plastic construction/snow fencing or temporary chain link fencing around the work area to establish an exclusion zone.

- Establishing a contaminant reduction zone for personal decontamination (removal of personal protective equipment) and decontamination pad for equipment.
- Donning high visibility vests, hard hats, and safety glasses on-site during IRM activities.
- Adhering to the Site HASP included in Appendix 2.

8.6 Decontamination Pad

Equipment that comes into contact with impacted material will be properly decontaminated prior to leaving the Site. Wastes generated from decontamination of equipment will be contained and added to other waste stream materials generated at the Site and disposed of properly off-site. A decontamination pad is not anticipated to be necessary at the Site for the scope of this Supplemental IRM.

8.7 Waste Handling & Disposal

Excess liquids will be containerized within 55-gallon drums or plastic totes for subsequent proper characterization and disposal. Excess soil if generated will be containerized in 55-gallon drums or placed on plastic and covered, for subsequent proper characterization and disposal.

9.0 IRM SCHEDULE AND REPORTING – DELIVERABLES

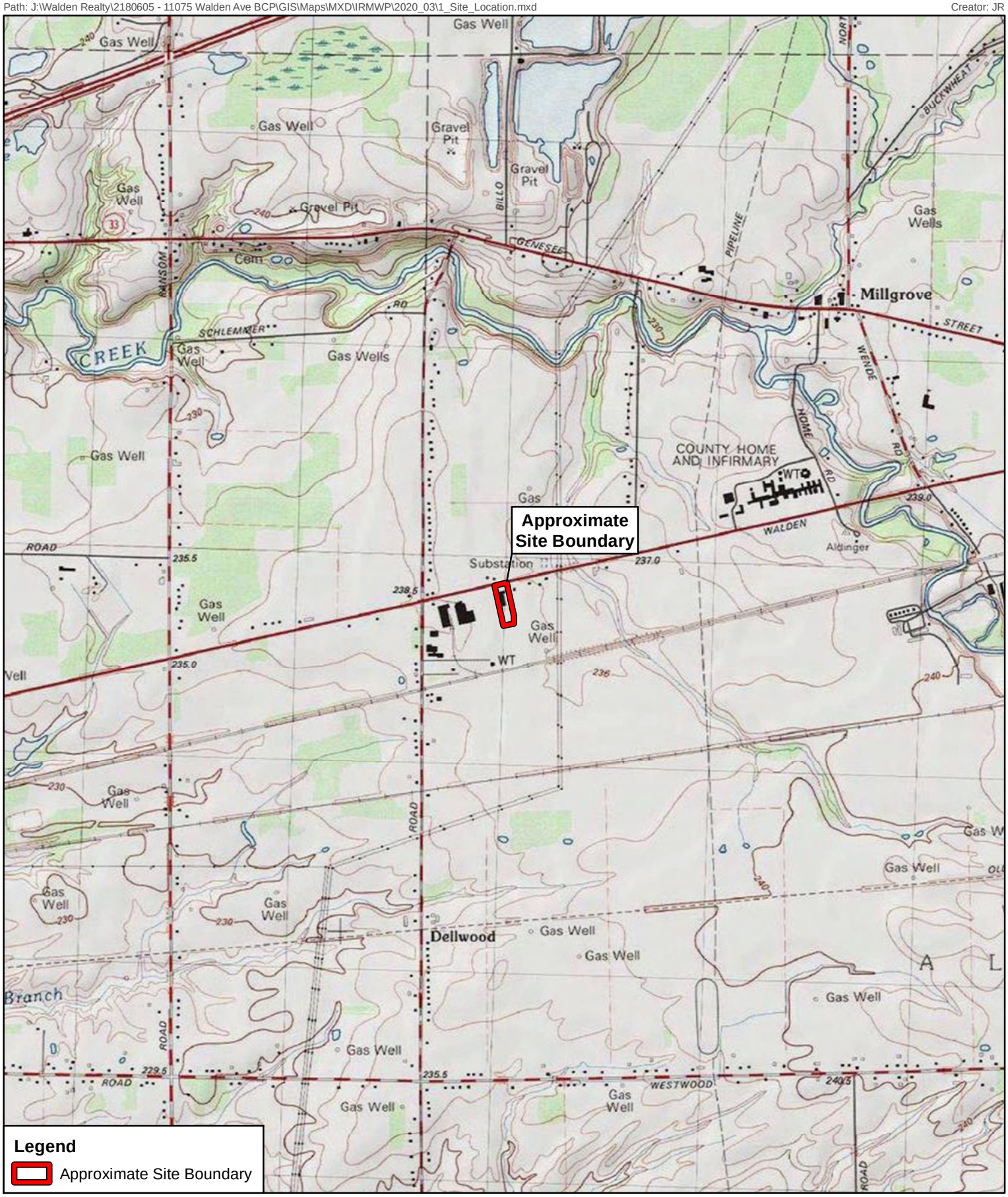
The information and laboratory analytical data obtained during the Supplemental IRM will be included in an IRM Construction Completion Report (CCR). The CCR will be completed in accordance with NYSDEC DER-10 Section 5.8.

It is anticipated that implementation of the Supplemental IRMWP will begin the first or second week of May 2020. Completion of the field work is anticipated to require approximately one to two weeks subsequent to implementation of the IRMWP *(Note: this timeframe does not include laboratory analysis or data validation).* The IRM CCR will be submitted within two months of receipt of laboratory analytical results.

The above schedule assumes that an addendum to the IRMWP will not be required. If an IRMWP addendum is required, it will be submitted as the need is identified and it will include a revised schedule.

In addition to the IRM CCR, all data will also be submitted in the NYSDEC-approved EDD format. The data will be submitted on a continuous basis immediately after data validation occurs.

FIGURES



PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2180605 **Figure 1** 3/27/2020	Site Location Map	11075 Walden Avenue Alden, New York

N

0 1,000 2,000 Feet

LaBella
Powered by partnership.

Data Source: LaBella 2020; National Geographic Society, i-cubed 2013.

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Creator: JR

PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2180605 **Figure 2** 3/27/2020	Site Base Map	11075 Walden Avenue Alden, New York

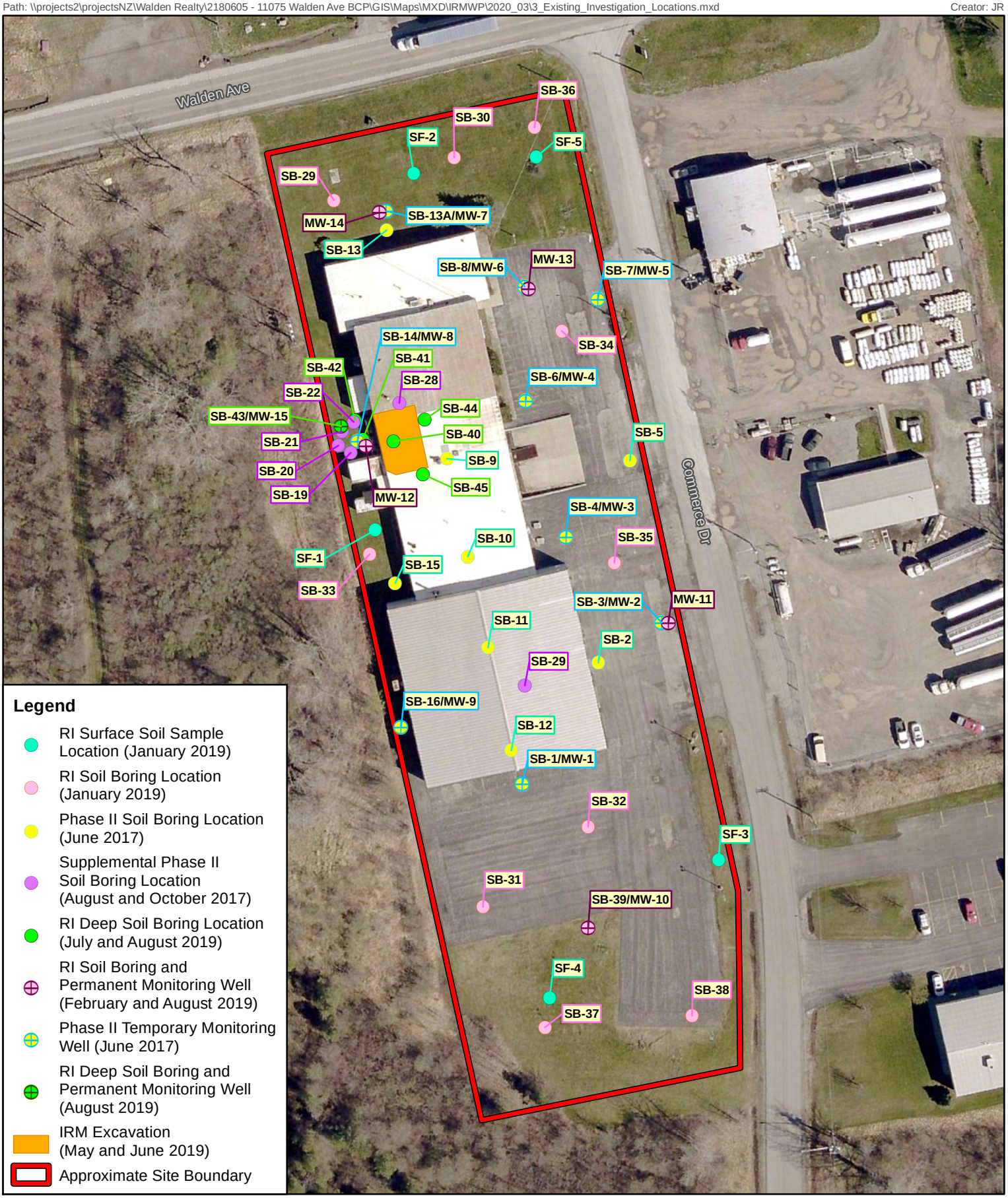
N

0 50 100 Feet

LaBella
Powered by partnership.

Data Source: Erie County 2019; LaBella 2020; Pictometry 2017.

Path: \\projects2\projectsNZ\Walden Realty\2180605 - 11075 Walden Ave BCP\GIS\Maps\MXD\IRMWP\2020_03\3_Existing_Investigation_Locations.mxd Creator: JR



Legend

- RI Surface Soil Sample Location (January 2019)
- RI Soil Boring Location (January 2019)
- Phase II Soil Boring Location (June 2017)
- Supplemental Phase II Soil Boring Location (August and October 2017)
- RI Deep Soil Boring Location (July and August 2019)
- RI Soil Boring and Permanent Monitoring Well (February and August 2019)
- Phase II Temporary Monitoring Well (June 2017)
- RI Deep Soil Boring and Permanent Monitoring Well (August 2019)
- IRM Excavation (May and June 2019)
- Approximate Site Boundary

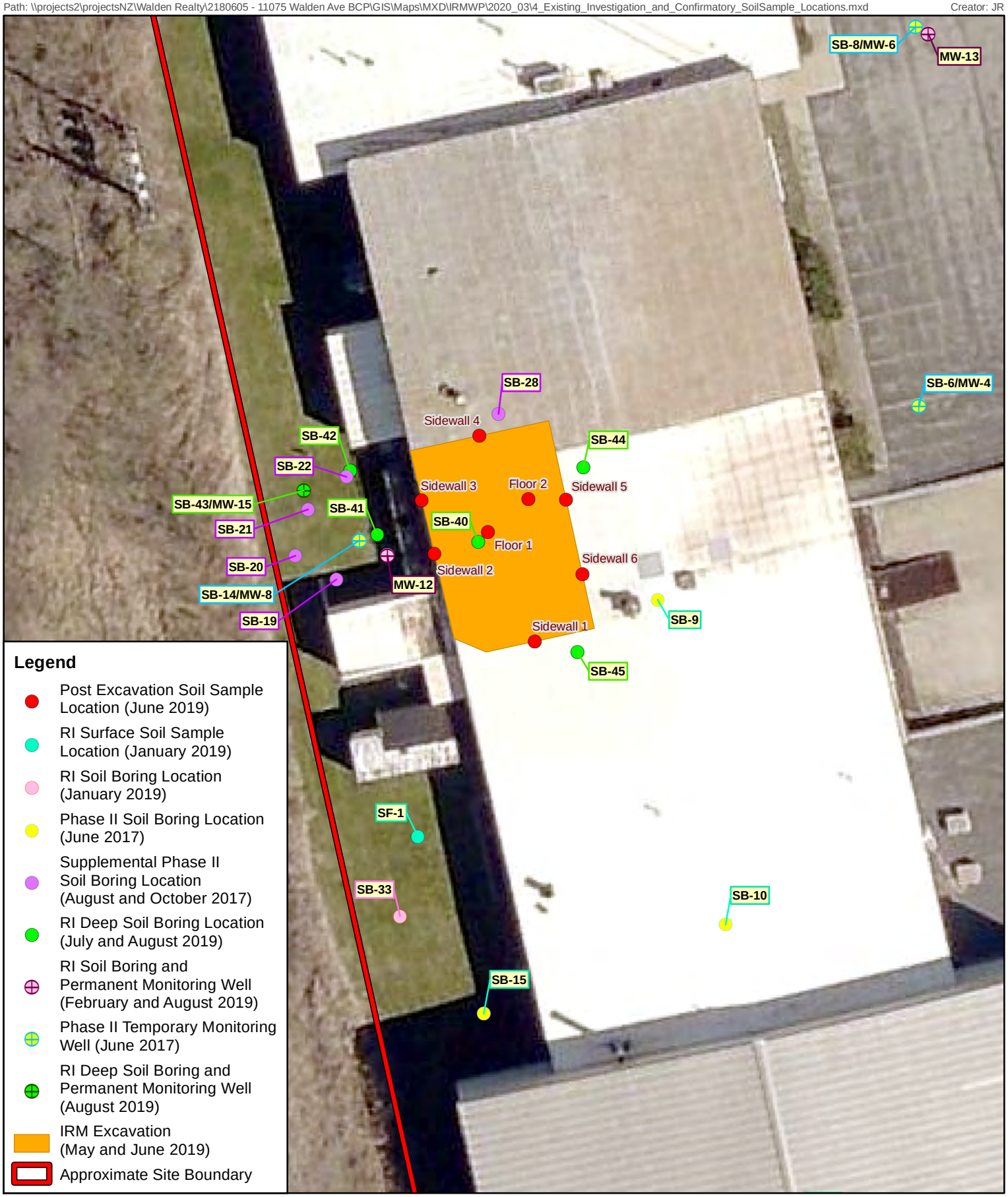
PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2180605 **Figure 3** 4/9/2020	Existing Investigation Locations	11075 Walden Avenue Alden, New York

N

0 40 80 Feet

LaBella
Powered by partnership.

Data Source: LaBella 2017 - 2020; Pictometry 2017.



PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:	
2180605 **Figure 4** 4/9/2020	Existing Investigation and Confirmatory Soil Sample Locations	11075 Walden Avenue Alden, New York	N 0 10 20 Feet LaBella Powered by partnership.

Data Source: LaBella 2017 - 2020; Pictometry 2017.

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PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2180605 **Figure 5** 4/9/2020	Groundwater Contour Map	11075 Walden Avenue Alden, New York

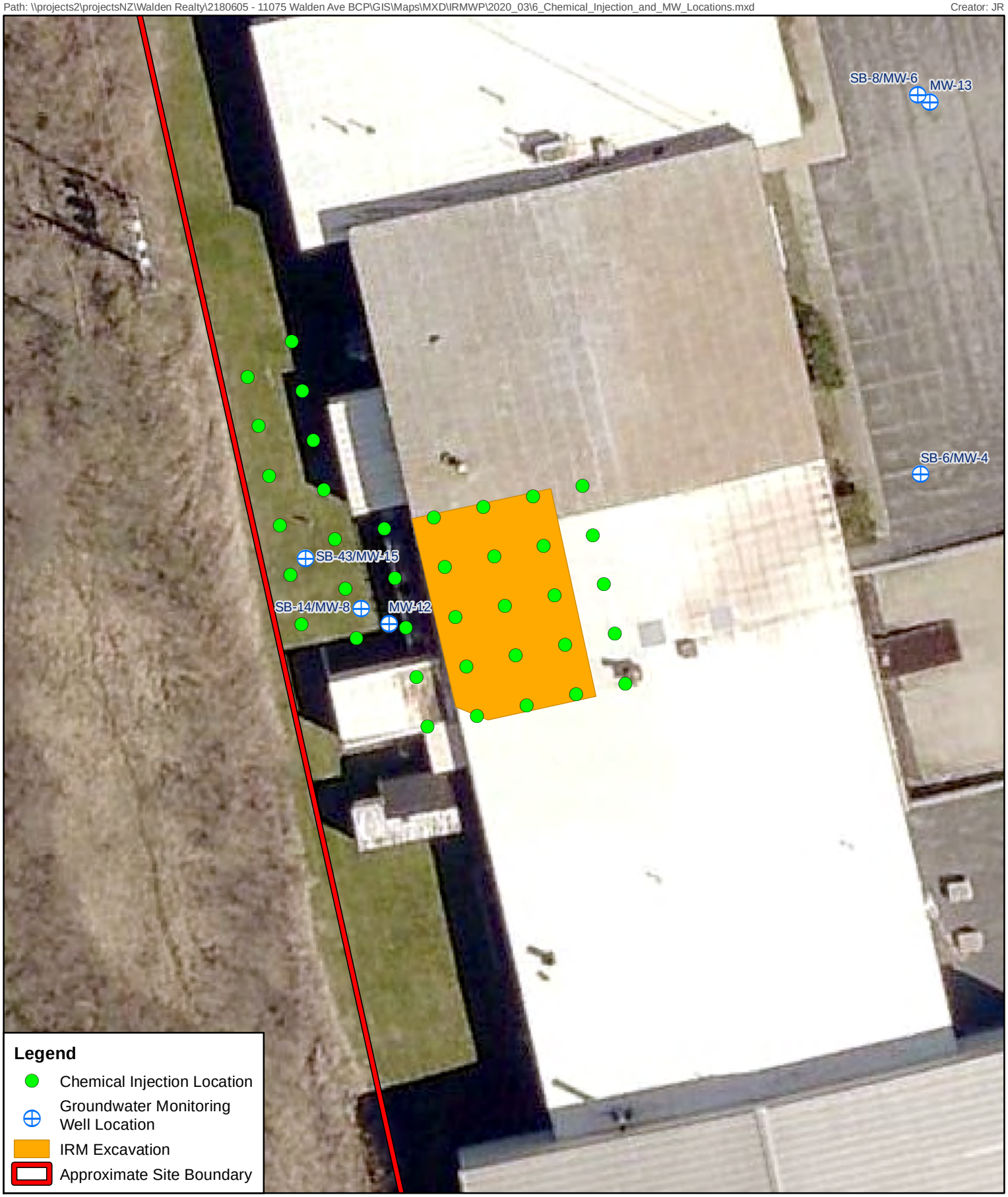
N

0 40 80 Feet

LaBella
Powered by partnership.

Data Source: LaBella 2019, 2020; Pictometry 2017.

Path: \\projects2\projectsNZ\Walden Realty\2180605 - 11075 Walden Ave BCP\GIS\Maps\MXD\IRMWP\2020_03\6_Chemical_Injection_and_MW_Locations.mxd Creator: JR



PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2180605 **Figure 6** 3/31/2020	Chemical Injection and Groundwater Monitoring Well Locations	11075 Walden Avenue Alden, New York

N

0 10 20 Feet

LaBella
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Data Source: LaBella 2020; Pictometry 2017.

TABLES

Table 1
11075 Walden Avenue
Alden, New York
NYSDEC TOGS Standards, Values & Limitations

Contaminants	CAS No.	NYSDEC TOGS
Volatile Organic Compounds (ug/L)		
Acetone	67-64-1	50
Benzene	71-43-2	1
Bromobenzene	108-86-1	5.0
Bromochloromethane	74-97-5	5.0
Bromodichloromethane	75-27-4	50
Bromoform	75-25-2	50
Bromomethane	74-83-9	5.0
n-Butylbenzene	104-51-8	5.0
sec-Butylbenzene	135-98-8	5.0
tert-Butylbenzene	98-06-6	5.0
Carbon Disulfide	75-15-0	NL
Carbon tetrachloride	56-23-5	5.0
Chlorobenzene	108-90-7	5.0
Chloroethane	75-00-3	5.0
Chloroform	67-66-3	7
Chloromethane	74-97-5	NL
Cyclohexane	110-82-7	NL
Dibromochloromethane	124-48-1	50
1,2-Dibromo-3-chloropropane	96-12-8	0.04
1,2-Dibromoethane	106-93-4	NL
1,2-Dichlorobenzene	95-50-1	3.0
1,3-Dichlorobenzene	541-73-1	3.0
1,4-Dichlorobenzene	106-46-7	3.0
Dichlorodifluoromethane	75-71-8	5.0
1,1-Dichloroethane	75-34-3	5.0
1,2-Dichloroethane	107-06-2	0.6
cis-1,2-Dichloroethene	156-59-2	5.0
trans-1,2-Dichloroethene	156-60-5	5.0
1,2-Dichloropropane	78-87-5	1.0
cis-1,3-Dichloropropene	10061-01-5	0.4
trans-1,3-Dichloropropene	10061-02-6	0.4
1,4-Dioxane	123-91-1	NL
Ethylbenzene	100-41-4	5.0
2-Hexanone	591-78-6	50
Hexachlorobenzene	118-74-1	0.04
Isopropylbenzene	577-55-9	5.0
Methyl Acetate	79-20-9	NL
Methylcyclohexane	108-87-2	NL
Methylene Chloride	75-09-2	5.0
Methyl ethyl ketone (2-Butanone)	78-93-3	50
4-Methyl-2-pentanone	108-10-1	NL
Methyl tert-butyl ether	1634-04-4	10
Naphthalene	91-20-3	10
n-propylbenzene	103-65-1	5.0
Styrene	100-42-5	5.0
1,1,2,2-Tetrachloroethane	79-34-5	5.0
Tetrachloroethene	127-18-4	5.0
Toluene	108-88-3	5.0
1,2,3-Trichlorobenzene	87-61-6	5.0
1,2,4-Trichlorobenzene	120-82-1	5.0
1,1,1-Trichloroethane	71-55-6	5.0
1,1,2-Trichloroethane	79-00-5	1.0
Trichloroethene	79-01-6	5.0
Trichlorofluoromethane	75-69-4	5.0
1,2,4-Trimethylbenzene	95-63-6	5.0
1,3,5-Trimethylbenzene	108-67-8	5.0
Vinyl Acetate	108-05-4	NL
Vinyl Chloride	75-01-4	2.0
p/m-Xylene	179601-23-1	5.0
o-Xylene	95-47-6	5.0

NYSDEC TOGS = New York State Department of Environmental Conservation (NYSDEC), Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (June 1998)

NL = Not listed

ug/L = Micrograms per liter

CAS No. = Chemical Abstracts Service Number

Table 2
11075 Walden Avenue
Alden, New York
Summary of Phase II Environmental Site Assessment Subsurface Soil Analytical Results
(Detected Analytes Only)

Sample ID	SB-1	SB-2	SB-3	SB-4	SB-6	SB-7	SB-8	SB-11	SB-12	SB-13A	SB-14	SB-16	SB-19	SB-20	SB-21	SB-22	SB-28	SB-29	Commercial Use SCOs
Depth	0.3-1 ft bgs	1-2 ft bgs	9-10 ft bgs	5-6 ft bgs	10-11 ft bgs	4-5 ft bgs	2-3 ft bgs	1-2 ft bgs	0.6-1 ft bgs	2-3 ft bgs	8-9 ft bgs	1-2 ft bgs	14-16 ft bgs	8-10 ft bgs	14-16 ft bgs	4-6 ft bgs	0.6-2 ft bgs	0.6-2 ft bgs	
Sample Date	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	8/7/2017	8/7/2017	8/7/2017	8/7/2017	10/5/2017	10/5/2017	
Volatile Organic Compounds (µg/kg)																			
Acetone	2.7 J	NA	<	<	6.7 J	<	22	NA	NA	56	<	<	9 J	<	6.7 J	<	25	37	<
Chlorobenzene	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	500,000
Cyclohexane	0.44 J	NA	<	0.35 J	<	<	<	NA	NA	<	<	<	<	<	<	<	<	0.7 J	NL
1,1-Dichloroethene	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	500,000
cis-1,2-Dichloroethene	<	NA	<	<	<	<	<	NA	NA	<	1.1	<	<	<	<	<	0.45 J	24	500,000
trans-1,2-Dichloroethene	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	1.5 J	500,000
Ethylbenzene	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	390,000
Isopropylbenzene	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	NL
Methylcyclohexane	0.58 J	NA	<	0.33 J	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	NL
Methylene chloride	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	500,000
Methyl ethyl ketone (2-Butanone)	<	NA	<	<	<	<	<	NA	NA	9.2	<	<	<	<	<	<	<	<	500,000
4-Methyl-2-pentanone	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	NL
Tetrachloroethene	1.3	NA	<	<	<	<	<	NA	NA	<	170	<	0.59 J	<	<	<	6.4 B	0.99 J B	150,000
Toluene	0.24 J	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	500,000
Trichloroethene	<	NA	<	<	<	<	<	NA	NA	<	5.6	<	<	<	<	<	<	<	200,000
Vinyl Chloride	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	2.4 J	13,000
Total Xylenes	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	500,000
Metals (mg/kg)																			
Arsenic	2.4 J	4.87	NA	NA	NA	NA	NA	2.06	4.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	16
Barium	22.6	104	NA	NA	NA	NA	NA	11.3	38.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	400
Cadmium	0.107	0.307 J	NA	NA	NA	NA	NA	0.715	0.158 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.3
Chromium	7.37	8.84	NA	NA	NA	NA	NA	9.38	15.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	400/1,500*
Lead	8.2	20.4	NA	NA	NA	NA	NA	20.3	18.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,000
Mercury	<	0.04 J	NA	NA	NA	NA	NA	<	0.02 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.8
Selenium	0.4 J	0.627 J	NA	NA	NA	NA	NA	0.198 J	0.869 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,500

Commercial Use SCOs = New York State Department of Environmental Conservation (NYSDEC) Part 375 Commercial Use Soil Cleanup Objectives (SCOs), Table 375-6.8(b) (December 2006)

< = Not detected

NL = Not listed

NA = Not analyzed

ft bgs = Feet below the ground surface

µg/kg = Micrograms per kilogram

mg/kg = Milligrams per kilogram

J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

* = Chromium, hexavalent/Chromium, trivalent (The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.)

B = The compound was found in the blank and sample.

Table 3

11075 Walden Avenue

Alden, New York

Summary of Remedial Investigation Surface Soil Analytical Results

(Detected Analytes Only)

Sample ID	SF-1	SF-2	SF-3	SF-4	SF-5	Commercial Use SCOs
Depth (ft bgs)	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	
Sample Date	1/23/2019	1/23/2019	1/23/2019	1/24/2019	1/24/2019	
Semi-Volatile Organic Compounds (µg/kg)						
Benzo(a)anthracene	<	25 J	<	<	51 J	5,600
Benzo(b)fluoranthene	<	32 J	<	<	99 J	5,600
Benzo(k)fluoranthene	<	<	<	<	31 J	56,000
Benzo(g,h,i)perylene	<	<	<	<	52 J	500,000
Benzo(a)pyrene	<	<	<	<	61 J	1,000
Chrysene	<	20 J	<	<	67 J	56,000
bis(2-Ethylhexyl)phthalate	<	100 J	<	<	<	NL
Fluoranthene	<	47 J	<	<	150	500,000
Indeno(1,2,3-cd)pyrene	<	<	<	<	51 J	5,600
Naphthalene	43 J	<	<	<	<	500,000
Phenanthrene	<	<	<	<	55 J	500,000
Pyrene	<	34 J	<	<	120	500,000
Pesticides / Herbicides (µg/kg)						
4,4-DDE	0.446 JP	<	<	<	<	62,000
alpha-BHC	<	<	<	<	2.94	3,400
Trams-Chlordance	0.988 JIP	1.36 JIP	0.795 JIP	<	<	NL
PCBs (µg/kg)						
Aroclor 1248	<	<	<	<	<	1,000
Aroclor 1260	<	<	11.6 J	<	7.6 J	1,000
Metals (mg/kg)						
Aluminum	8,030	10,200	13,000	6,060	3,150	NL
Antimony	0.631 J	0.654 J	0.515 J	<	<	NL
Arsenic	5.24	4.95	4.74	3.96	1.88	16
Barium	62.6	66	87.9	29.1	18.3	400
Beryllium	0.436 J	0.436 J	0.362 J	0.247 J	0.160 J	590
Cadmium	<	<	<	0.265 J	0.214 J	9.3
Calcium	6,540	2,330	73,900	54,400	76,400	NL
Chromium	11.1	14.6	16.5	11.2	6.2	*400/1500
Cobalt	4.6	7.28	6.82	5.49	2.34	NL
Copper	13	12	15.2	15.9	6.19	270
Iron	14,700	18,300	16,800	14,900	9,130	NL
Lead	28.8	13.5	11.1	17.4	10.1	1,000
Magnesium	3,390	3,450	17,700	30,200	40,400	NL
Manganese	351	478	395	436	384	10,000
Mercury	0.031 J	0.038 J	<	<	<	2.8
Nickel	10.4	15.5	14.1	12.7	5.98	310
Potassium	599	999	3,870	550	429	NL
Selenium	1 J	0.6 J	1.78 J	<	<	1,500
Sodium	55.6 J	57.6 J	472	108 J	135 J	NL
Vanadium	18.9	22.1	25.8	16.7	10.9	NL
Zinc	93	92.3	70.5	116	72.2	10,000

Commercial Use SCOs = New York State Department of Environmental Conservation (NYSDEC) Part 375 Commercial Use Soil Cleanup Objectives (SCOs), Table 375-6.8(b) (December, 2006)

< = Not detected

NL = Not listed

NA = Not analyzed

J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

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

P = The relative percent difference between the results for the two columns exceeds the method-specified criteria

ft bgs = Feet below ground surface

µg/kg = Micrograms per kilogram

mg/kg = Milligrams per kilogram

* 400/1,500= Hexavalent chromium/Trivalent chromium

Table 4
11075 Walden Avenue
Alden, New York
Summary of RI Subsurface Soil Analytical Results
(Detected Analytes Only)

Sample ID	SB-30	SB-32	SB-33	SB-35	SB-37	SB-39	SB-40	SB-40	SB-41	SB-41	SB-42	SB-42	SB-43	SB-43	SB-44	SB-44	SB-45	SB-45	DUP	Trip Blank	DUP	Commercial Use SCOs
Depth (ft bgs)	8-10	2-4	1-3	3-5	2-4	2-4	15-16	23-24	25-26	34-35	21-22	34-35	24-25	34-35	22-23	34-35	21-22	34-35	N/A	N/A	N/A	
Sample Date	1/23/2019	1/23/2019	1/23/2019	1/24/2019	1/24/2019	1/24/2019	7/8/2019	7/8/2019	8/14/2019	8/14/2019	8/14/2019	8/14/2019	8/15/2019	8/15/2019	8/16/2019	8/16/2019	8/16/2019	8/16/2019	1/24/2019	1/24/2019	8/16/2019	
Volatile Organic Compounds (µg/kg)																						
Acetone	4.3 J	<	<	6.9 J	<	5.2 J	<	<	5.1	9.8	4.8 J	9.2	8.8	11	<	<	<	6.1 J	<	8.4 J	<	500,000
Benzene	<	<	<	0.15 J	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	44,000
Chloroform	<	0.12 J	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	350,000
cis-1,2-Dichloroethene	<	<	<	<	<	1.4	<	<	<	<	<	<	<	<	<	<	46	<	1.5	<	<	500,000
trans-1,2-Dichloroethene	<		<	<	<				<	<	<	<	0.3 J	<	<	<	<	<	<	<	<	500,000
Tetrachloroethene	<	<	<	<	<	1.4	310,000	82,000	<	<	<	<	<	<	<	<	360	<	1.5	<	<	150,000
Toluene	<	<	0.37 J	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	2.2	<	500,000
Trichloroethene	<	<	<	<	<	0.30 J	1,600	1,900	<	<	<	<	<	<	<	<	12 J	<	0.27 J	<	<	200,000
Semi-Volatile Organic Compounds (µg/kg)																						
Benzo(a)anthracene	<	<	<	<	24 J	<	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	NA	5,600
Benzo(b)fluoranthene	<	<	<	<	32 J	<	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	NA	5,600
Benzo(k)fluoranthene	<	<	<	<	<	<	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	NA	56,000
Benzo(g,h,i)perylene	<	<	<	<	<	<	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	NA	500,000
Benzo(a)pyrene	<	<	<	<	<	<	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	NA	1,000
Chrysene	<	<	<	<	26 J	<	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	NA	56,000
bis(2-Ethylhexyl)phthalate	<	<	<	<	<	<	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	NA	NL
Fluoranthene	<	<	<	<	78 J	<	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	NA	500,000
Indeno(1,2,3-cd)pyrene	<	<	<	<	<	<	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	NA	5,600
Naphthalene	<	<	<	<	<	<	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	NA	500,000
Phenanthrene	<	<	<	<	39 J	<	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	NA	500,000
Pyrene	18 J	<	<	<	59 J	<	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	NA	500,000
Pesticides / Herbicides (µg/kg)																						
4,4-DDE	<	<	<	<	<	<	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	NA	62,000
alpha-BHC	<	<	<	<	<	<	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	NA	3,400
Trams-Chlordance	<	<	<	<	<	<	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	NA	NL
PCBs (µg/kg)																						
Aroclor 1248	<	<	<	12.2 J	<	<	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	NA	1,000
Aroclor 1260	<	<	<	<	<	<	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	NA	1,000
Metals (mg/kg)																						
Aluminum	8,680	10,100	16,000	4,380	7,650	6,590	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6,020	NA	NA	NL
Antimony	1.09 J	0.887 J	0.650 J	<	<	<	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	NA	NL
Arsenic	4.62	5.23	5.83	3.04	2.45	2.99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.92	NA	NA	16
Barium	66.8	72.1	117	24.5	58.6	47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	59	NA	NA	400
Beryllium	0.419 J	0.54	0.443 J	0.227 J	0.3 J	0.256 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.242 J	NA	NA	590
Cadmium	0.568 J	0.722 J	<	0.263 J	0.254 J	0.273 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.259 J	NA	NA	9.3
Calcium	64,300	2,900	103,000	12,400	65,100	70,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	70,400	NA	NA	NL
Chromium	13.1	13.3	18.7	7.37	13.3	11.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.5	NA	NA	*400/1500
Cobalt	7.23	10.1	7.74	3.17	6.4	6.77	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.45	NA	NA	NL
Copper	20.2	14.6	19.2	6.35	15.6	12.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.2	NA	NA	270
Iron	17,200	19,400	18,900	12,600	16,700	15,500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14,300	NA	NA	NL
Lead	9.6	49.3	14.1	19.1	9.66	10.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.19	NA	NA	1,000
Magnesium	20,900	3,490	24,400	7,810	20,500	22,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21,200	NA	NA	NL
Manganese	336	644	373	331	337	349	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	312	NA	NA	10,000
Mercury	<	<	0.096	<	<	<	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	NA	2.8
Nickel	19.3	17.2	15.3	7.44	15.6	13.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.9	NA	NA	310
Potassium	1,520	746	5,900	408	1,260	1,160	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,070	NA	NA	NL
Selenium	<	<	1.62 J	<	<	0.229 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	NA	1,500
Sodium	193	59.3 J	708	55.4 J	136 J	153 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	147 J	NA	NA	NL
Vanadium	18.2	24.4	33	13.2	18.7	17.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.5	NA	NA	NL
Zinc	56	79.8	64.4	96.7	56.7	66.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	57.8	NA	NA	10,000

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J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

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

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ft bgs = Feet below ground surface

µg/kg = Micrograms per kilogram

mg/kg = Milligrams per kilogram

* 400/1,500= Hexavalent chromium/Trivalent chromium

Table 5
11075 Walden Avenue
Alden, New York
Summary of Phase II Environmental Site Assessment & Remedial Investigation Groundwater Analytical Results
(Detected Analytes Only)

Sample ID	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-12	MW-13	MW-14	MW-15	DUP	TRIP BLANK	Equipment Rinse	NYSDEC TOGS
Sample Date	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	2/28/2019	2/28/2019	3/1/2019	7/9/2019	2/28/2019	2/28/2019	8/21/2019	2/28/2019	2/28/2019	2/28/2019	
Volatile Organic Compounds (µg/L)																				
Acetone	18	110	18	63	58	76	62	47	30	37	3.6 J	58	<	280	43	20	4 J	2.4 J	NA	50
Benzene	0.34 J	0.34 J	0.5	0.23 J	0.38 J	0.24 J	<	0.28 J	0.18 J	<	<	<	<	<	<	<	<	<	NA	1
Carbon Disulfide	1.3 J	3 J	<	1.8 J	13	<	<	3.6 J	<	<	<	<	<	<	<	<	<	<	NA	NL
Cyclohexane	<	<	0.43 J	<	0.41 J	<	<	<	<	<	<	<	<	<	<	<	<	<	NA	NL
cis-1,2-Dichloroethene	<	<	<	<	<	<	<	<	<	<	<	<	470	<	<	<	<	<	NA	5
2-Hexanone	<	<	<	<	<	<	2 J	<	<	1 J	<	<	<	3.5 J	1.4 J	<	<	<	NA	50
Methylcyclohexane	<	<	0.63 J	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	NA	NL
Methyl ethyl ketone (2-Butanone)	<	27	4.2 J	15	11	14	14	12	5.8	<	<	<	<	15	5.3	<	<	<	NA	50
Tetrachloroethene	0.36 J	<	0.31 J	<	<	<	<	0.89	<	<	<	1,000	2,500	<	<	<	<	<	NA	5
Toluene	<	<	0.75 J	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	NA	5
Trichloroethene	<	<	<	<	<	<	<	<	<	<	<	19	950	<	<	<	<	<	NA	5
Vinyl Chloride	<	<	<	<	<	<	<	<	<	<	<	2.3 J	12 J	<	<	<	<	<	NA	2
Semi-Volatile Organic Compounds (µg/L)																				
Acetophenone	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	<	2.2 J	NA	1 J	<	NA	<	NA	NA	NL
Anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 J	<	0.02 J	NA	0.03 J	0.02 J	NA	<	NA	NA	50
Benzo(b)fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	<	<	NA	0.04 J	<	NA	<	NA	NA	0.002
Benzo(k)fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	<	0.01 J	NA	0.03 J	<	NA	<	NA	NA	0.002
Benzo(g,h,i)perylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	<	<	NA	0.03 J	<	NA	<	NA	NA	NL
Benzo(a)pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	<	<	NA	0.03 J	<	NA	<	NA	NA	NL
Benzaldehyde	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	<	1.4 J	NA	1.5 J	<	NA	<	NA	NA	NL
Di-n-butylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	<	<	NA	0.41 J	<	NA	<	NA	NA	50
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	<	<	NA	1.8 J	<	NA	<	NA	NA	5
Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03 J	<	<	NA	0.14	0.04 J	NA	<	NA	NA	50
Fluorene	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2	<	0.3	NA	0.31	<	NA	<	NA	NA	50
Indeno(1,2,3-cd)pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	<	<	NA	0.02 J	<	NA	<	NA	NA	0.002
3-Methylphenol/4-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	<	0.95 J	NA	1.8 J	<	NA	<	NA	NA	NL
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.17	0.03 J	0.51	NA	0.25	0.1 J	NA	<	NA	NA	NL
Naphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.07 J	<	0.19	NA	1.3	<	NA	<	NA	NA	10
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.97	0.06 J	0.74	NA	1.6	0.74	NA	<	NA	NA	50
Phenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	<	3 J	NA	3.3 J	0.71 J	NA	<	NA	NA	1
Pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	<	<	NA	0.09 J	0.02 J	NA	<	NA	NA	50
Pesticides / Herbicides (µg/L)																				
4,4-DDD	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.025 JIP	0.004 J	<	NA	0.027 J	<	NA	<	NA	NA	0.3
PCBs (µg/L)																				
Total PCBS	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	<	<	NA	<	<	NA	<	NA	NA	NL
Metals (µg/L)																				
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.85	0.125	0.391	NA	11.3	0.105	NA	0.118	NA	NA	2,000
Antimony	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00071 J	<	0.00278 J	NA	0.00144 J	0.00122 J	NA	<	NA	NA	3
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0042	0.00148	0.00272	NA	0.00959	0.0029	NA	0.00147	NA	NA	25
Barium	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.1392	0.1574	0.06621	NA	0.9665	0.0511	NA	0.1462	NA	NA	1,000
Beryllium	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00039 J	<	<	NA	0.00436	<	NA	<	NA	NA	3
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00015 J	<	0.00007 J	NA	0.00018 J	<	NA	<	NA	NA	5
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA	128	115	52.5	NA	78.6	45.9	NA	113	NA	NA	NL
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00921	0.00036 J	0.00298	NA	0.01076	0.00083 J	NA	0.00025 J	NA	NA	50
Cobalt	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0051	0.0003 J	0.00187	NA	0.00785	0.00049 J	NA	0.00026 J	NA	NA	NL
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01241	0.00047 J	0.01014	NA	0.0179	0.00306	NA	0.0004 J	NA	NA	200
Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.39	1.22	3.22	NA	14.1	0.338	NA	1.14	NA	NA	300
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01124	<	0.00107	NA	0.03521	<	NA	<	NA	NA	25
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA	70.3	29.1	38.1	NA	41.7	39.9	NA	28.1	NA	NA	35,000
Manganese	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.3733	0.3227	0.2077	NA	0.4651	0.0453	NA	0.3159	NA	NA	300
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01302	0.00087 J	0.0057	NA	0.01902	0.00162 J	NA	0.00069 J	NA	NA	100
Potassium	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.12	2.65	8.73	NA	10.2	8.45	NA	2.62	NA	NA	NL
Selenium	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00253 J	<	<	NA	0.00985	<	NA	<	NA	NA	10
Sodium	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.2	374	66	NA	140	37.8	NA	361	NA	NA	20,000
Thallium	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	<	<	NA	0.00034 J	<	NA	<	NA	NA	0.5
Vanadium	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00939	<	<	NA	0.0116	<	NA	<	NA	NA	NL
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.05192	<	0.0399	NA	0.07061	0.00566 J	NA	<	NA	NA	5,000
Perfluorinated Alkyl Acids (ng/l)																				
Perfluoropentanoic Acid (PFPeA)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.15 J	NA	11.5	NA	NA	NA	NA	<	NL
Perfluorobutanesulfonic Acid (PFBs)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	0.606 J	NA	NA	NA	NA	<	NL
Perfluorohexanoic Acid (PFHxA)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.36 J	NA	15.2	NA	NA	NA	NA	<	NL
Perfluoroheptanoix Acid (PFHpA)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.13 J	NA	8	NA	NA	NA	NA	<	NL
Perfluorooctanoic Acid (PFOA)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.59 J	NA	10	NA	NA	NA	NA	<	NL
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2 FTS)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	0.524 J	NA	NA	NA	NA	<	NL
Perfluorononanoic Acid (PFNA)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 J	NA	2.22	NA	NA	NA	NA	<	NL
Perfluorodecanoic Acid (PFDA)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<	NA	0.681 J	NA	NA	NA	NA	<	NL
PFOA/PFOS, total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.59 J	NA	10	NA	NA	NA	NA	<	NL
Perfluorinated Alkyl Acids Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.82	NA	58.731	NA	NA	NA	NA	<	70

NYSDEC TOGS = New York State Department of Environmental Conservation (NYSDEC), Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (June 1998)

Perfluorinated Alkyl Acids are compared to the United States Environmental Protection Agency (USEPA) Cooperative Research Center (CRC) for Contamination Assessment and Remediation of the Environment (CARE) Technical Report no. 38, Table 4 Guidance Values for total PFOA and PFOS in Drinking Water

< = Not detected

NL = Not listed

NA = Not analyzed

J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

µg/L = Micrograms per liter

ng/L = Nanograms per liter

Concentrations in gray exceed NYSDEC TOGS

Table 6

11075 Walden Avenue

Alden, NY

Summary of Interim Remedial Measures Excavation Confirmatory Soil Analytical Results

(Detected Analytes Only)

Sample ID	Sidewall 1	Sidewall 2	Sidewall 3	Sidewall 4	Sidewall 5	Sidewall 6	Floor 1	Floor 2	DUP	Commercial Use SCOs
Depth (ft bgs)	2	3	2.5	1.5	1	2.5	10	4		
Sample Date	6/5/2019	6/5/2019	6/5/2019	6/5/2019	6/5/2019	6/5/2019	6/5/2019	6/5/2019	6/5/2019	
Volatile Organic Compounds (µg/kg)										
Acetone	<	<	<	75	<	<	<	<	<	500,000
cis-1,2-Dichloroethene	30 J	130	1,000	120	150	120	<	82	3,000	500,000
trans-1,2-Dichloroethene	<	<	21 J	5.8	11 J	<	<	<	110	500,000
Methyl Acetate	120 J	<	<	4.5	90 J	<	<	42 J	350	NL
Methyl ethyl ketone (2-Butanone)	<	<	<	14	<	<	<	<	<	500,000
Tetrachloroethene	300	20,000	4,800	11	2,200	3,300	170,000	4,300	490	150,000
Trichloroethene	76	360	480	0.36	100	91	250 J	55	15 J	200,000
Vinyl Chloride	<	<	240	2	<	<	<	<	<	13,000

Commercial Use SCOs = New York State Department of Environmental Conservation (NYSDEC) Part 375 Commercial Use Soil Cleanup Objectives (SCOs), Table 375-6.8(b) (December, 2006)

< = Not detected

NL = Not listed

J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

ft bgs = Feet below ground surface

µg/kg = Micrograms per kilogram

Concentrations in gray exceed Commercial Use SCOs

APPENDIX 1

Deep Soil Boring Subsurface Logs & Well Construction Diagram

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300 Pearl Street, Suite 130

TEST BORING LOG
BCP
11075 Walden Avenue
Alden, New York

BORING: SB-40
Sheet 1 of
JOB: 2180605

CONTRACTOR: Nortnagle Drilling
DRILLER: Neal Short
LABELLA REPRESENTITIVE: S. Dalton START DATE: 7/8/19 END DATE:
TIME:900 to
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD:
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
10-11		7	85.2		Strong perc odor	Auger 0-10 ft – backfill pea stone 10-24 brown red silt clay (l, stiff, m)
11-12		7	80.2			
12-13		9	54.2		Perc odor	
13-14		9	45.2			
14-15		12	11.2		Slight perc odor	
15-16		12	11.5			
16-17		12	8.2			
17-18		12	7.5		No odor/staining	
18-19		12	0.5			
19-20		12	0			
20-21		12	0			
21-22		12	0			
22-24		12	0			
23-24		12	0			

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Sample collected @ 15-16 ft bgs and 23-24 ft bgs

LaBella
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TEST BORING LOG
Phase II ESA
11075 Walden Avenue
Alden, New York

BORING: SB-41
Sheet 1 of
JOB: 2180605

CONTRACTOR:
DRILLER:
LABELLA REPRESENTITIVE: S. Dalton
START DATE: 8/14/19
TIME: 940 to
DATUM:
END DATE:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD:
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: -
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE	REMARKS	VISUAL CLASSIFICATION
0-1		10	0		no odors/ staining	0-0.5 dark brown clay silt (mim)
1-2		10	0.2			0.5-2 brown red silt clay trace gravel (mimim)
2-3		12	0.1			2-10 brown red silt clay (l, stiff (m)
3-4		12	0			
4-5		12	0			
5-6		12	0			
6-7		12	0			
7-8		12	0			10-13 " "
8-9		12	0			13-14 brown red siltclay trace gravel (l, stiff m)
9-10		12	0			
10-11		12	0			14-18 " "
11-12		12	0.1			18-20 " "
12-13		12	0.1			20-22 " "
13-14		12	0			22-26 brown red silt clay (mimim)
14-15		12	0			
15-16		12	0			26-29 " "
16-17		12	0			29-31 " "
17-18		12	0			31-33 " "
18-19		12	0			33-35 " "
19-20		12	0			
20-21		12	0			
21-22		12	0.1			

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Sample @ 25-26
34-35

BORING:

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TEST BORING LOG
Phase II ESA

11075 Walden Avenue
Alden, New York

BORING: SB-41
Sheet 1 of
JOB: 2180605

CONTRACTOR:
DRILLER:
LABELLA REPRESENTITIVE: S. Dalton
START DATE: 8/14/19
END DATE:
TIME: 940 to
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD:
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
22-23		12	0		No odors/ staining	
23-24		12	0			
24-25		12	0.1			
25-26		12	0.1			
26-27		12	0			
27-28		12	0			
28-29		12	0			
29-30		12	0			
30-31		12	0			
31-32		12	0			
32-33		12	0			
33-34		12	0			
34-35		12	0			

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:

BORING:

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TEST BORING LOG
Phase II ESA

11075 Walden Avenue
Alden, New York

BORING: SB-42
Sheet 1 of
JOB: 2180605

CONTRACTOR:
DRILLER:
LABELLA REPRESENTITIVE: S. Dalton
START DATE: 8/14/19
END DATE:
TIME: 1300 to
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD:
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: -
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
0-1		12	0		no odor staining	0-0.5 dark brown clay silt (m,m)
1-2		12	0			0.5-4 brown red silt clay (m,m,m)
2-3		12	0			4-8 brown red silt clay (cl,stiff,m)
3-4		12	0			8-9" "
4-5		12	0			9-11 brown red silt clay trace gravel (cl,stiff,m)
5-6		12	0			11-12 brown red silt clay (cl,stiff,m)
6-7		12	0			12-14 brown red silt clay (m,m,m)
7-8		12	0			14-15 brown red silt clay (m,m,w)
8-9		12	0			15-18" "
9-10		12	0			18-20" "
10-11		12	0			
11-12		12	0			
12-13		12	0			
13-14		12	0			
14-15		12	0			
15-16		12	0			
16-17		12	0			
17-18		12	0			
18-19		12	0			
19-20		12	0			
20-21		11	0			
21-22		11	0			

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:

BORING:

LaBella
300 Pearl Street, Suite 130

TEST BORING LOG
Phase II ESA

11075 Walden Avenue
Alden, New York

BORING: SB-12
Sheet 1 of
JOB: 2180605

CONTRACTOR:
DRILLER:
LABELLA REPRESENTITIVE: S. Dalton
START DATE: 8/14/19
END DATE:
TIME: 1300 to
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD:
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: -
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
22-23		12	0		no odors/ staining	20-22"
23-24		12	0			22-26"
24-25		12	0			26-28"
25-26		12	0			28-30"
26-27		12	0			30-32"
27-28		12	0			32-35'
28-29		12	0			
29-30		12	0			
30-31		12	0			
31-32		12	0			
32-33		12	0			
33-34		12	0			
34-35		12	0			

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:

BORING:

LaBella
300 Pearl Street, Suite 130

TEST BORING LOG
Phase II ESA
11075 Walden Avenue
Alden, New York

BORING: SB-43
Sheet 1 of
JOB: 2180605

CONTRACTOR: Nothnagle
DRILLER:
LABELLA REPRESENTITIVE: S. Dalton
START DATE: 8/15/19
TIME: 835 to
DATUM:
END DATE:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD:
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: -
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE RECOVERY (Inches)	SAMPLE PID FIELD SCREEN (Parts per million)	SAMPLE STRATA CHANGE	REMARKS	VISUAL CLASSIFICATION
0-1		10	0		no odor/ staining	0-0.5 dark brown clay silt (CL, m)
1-2		10	0			0.5-4 brown red silt clay (CL, stiff, m)
2-3		10	0			4-6 " "
3-4		10	0			6-8 brown red silt clay trace gravel (CL, stiff, m)
4-5		12	0			8-12 " "
5-6		12	0			12-15 brown red silt clay (CL, stiff, m)
6-7		12	0			15-19 brown red silt clay (CL, m, m)
7-8		12	0			19-20 " "
8-9		12	0			20-21 brown red silt clay (CL, soft, w)
9-10		12	0			21-23 " "
10-11		12	0			
11-12		12	0			
12-13		12	0			
13-14		12	0			
14-15		12	0			
15-16		12	0			
16-17		12	0			
17-18		12	0			
18-19		12	0			
19-20		12	0			
20-21		12	0			
21-22		12	0			

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
8/15/19		YES	MW-5

NOTES:

BORING: SB-43

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300 Pearl Street, Suite 130

TEST BORING LOG
Phase II ESA

11075 Walden Avenue
Alden, New York

BORING: SB-43
Sheet 1 of
JOB: 2180605

CONTRACTOR:
DRILLER:
LABELLA REPRESENTITIVE: S. Dalton
START DATE: 8/15/19
TIME: 835 to
DATUM:
END DATE:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD:
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE: SAMPLE RECOVERY (Inches)	SAMPLE: PID FIELD SCREEN (Parts per million)	SAMPLE: STRATA CHANGE	REMARKS	VISUAL CLASSIFICATION
24-23		12	0		no odors/ Staining	
23-24		12	0			23-25 brown red clay (m,m,m)
24-25		12	0			
25-26		12	0			25-27 " "
26-27		12	0			27-29 " "
27-28		12	0			29-31 brown red silt clay (m,m,w)
28-29		12	0			
29-30		12	0			31-33 " "
30-31		12	0			33-35 " "
31-32		12	0			
32-33		12	0			
33-34		12	0			
34-35		12	0			

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Sample @
24-25ft 34-35

BORING: SB-43

LaBella
300 Pearl Street, Suite 130

TEST BORING LOG
Phase II ESA
11075 Walden Avenue
Alden, New York

BORING: SB-44
Sheet 1 of
JOB: 2180605

CONTRACTOR: Nothnagle
DRILLER:
LABELLA REPRESENTITIVE: S. Dalton
START DATE: 8/16/19
END DATE:
TIME: 8:00 to
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD:
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: -
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE: SAMPLE RECOVERY (Inches)	SAMPLE: PID FIELD SCREEN (Parts per million)	SAMPLE: STRATA CHANGE	REMARKS	VISUAL CLASSIFICATION
0.5-1		9	0		no odors staining	0-0.5- concrete slab
1-2		9	0			0.5-2 gravel brown sandy silt (m,m)
2-3		8	0			
3-4		9	0			2-4 brown red silt clay (m,m(m)
4-5		12	0			4-8 " "
5-6		12	0			8-11 " "
6-7		12	0			11-13" "
7-8		12	0			13-14 brown red silt clay trace gravel (m,m(m)
8-9		12	0			"
9-10		12	0			14-17 "
10-11		12	0			17-20 " "
11-12		12	0			20-23" "
12-13		12	0			
13-14		12	0			
14-15		12	0			
15-16		12	0			
16-17		12	0			
17-18		12	0			
18-19		12	0			
19-20		12	0			
20-21		12	0			
21-22		12	0			

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:

BORING: SB-44

LaBella
300 Pearl Street, Suite 130

TEST BORING LOG
Phase II ESA

11075 Walden Avenue
Alden, New York

BORING: SB-44
Sheet 1 of
JOB: 2180605

CONTRACTOR:
DRILLER:
LABELLA REPRESENTITIVE: S. Dalton START DATE: 8/16/19 END DATE:
TIME: 800 to
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD:
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: -
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
22-23		12	0		no odor/ staining	23-26" " "
23-24		12	0			26-29" " "
24-25		12	0			29-31 brown red silt clay (m,m,w)
25-26		12	0			
26-27		12	0			31-33 brown red silt clay (m,m,m)
27-28		12	0			
28-29		12	0			33-35 " " "
29-30		12	0			
30-31		12	0			
31-32		12	0			
32-33		12	0			
33-34		12	0			
34-35		12	0			
[redacted]						

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Sample @ 22-23 (DUP here)
[redacted] 34-35

BORING: SB-44

LaBella
300 Pearl Street, Suite 130

TEST BORING LOG

Phase II ESA

11075 Walden Avenue
Alden, New York

BORING: SB-45
Sheet 1 of
JOB: 2180605

CONTRACTOR: Nothnagle
DRILLER:
LABELLA REPRESENTITIVE: S. Dalton
START DATE: 8/16/19
END DATE:
TIME: 1020 to
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD:
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: -
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
0.5-1		6	0.3		no odors / staining	0-0.5- concrete
1-2		12	0.5			0.5-2 gravel, brown sandy silt (M M)
2-3		12	0			2-4 brown red silt clay (M,M,M) trace gravel
3-4		12	0			
4-5		12	0			4-8 brown red silt clay (C,Stff,M)
5-6		12	0.4			
6-7		12	0.2			
7-8		12	0			8-12 brown red silt clay trace gravel (C,Stff,M)
8-9		12	0			
9-10		12	0			12-15 brown red silt clay (C,Stff,M)
10-11		12	0			
11-12		12	0			15-18" "
12-13		12	0			18-21" "
13-14		12	0			
14-15		12	0			
15-16		12	0			
16-17		12	0			
17-18		12	0			
18-19		10	0			
19-20		10	0			
20-21		10	0			
21-22		12	0			

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:

BORING: SB-45

LaBella
Powered by partnership
300 Pearl Street, Suite 130

TEST BORING LOG
Phase II ESA

11075 Walden Avenue
Alden, New York

BORING: SB-45
Sheet 1 of
JOB: 2180605

CONTRACTOR: Nothnagle
DRILLER:
LABELLA REPRESENTITIVE: S. Dalton
START DATE: 8/16/19
END DATE:
TIME: 1020 to
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD:
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
22-23		12	0		no odors/ staining	21-23"
23-24		12	0			23-27 brown red silt clay (M,m,W)
24-25		12	0			
25-26		12	0			
26-27		12	0			27-29"
27-28		12	0			29-31"
28-29		12	0			31-33"
29-30		12	0			33-35"
30-31		12	0			
31-32		12	0			
32-33		12	0			
33-34		12	0			
34-35		12	0			

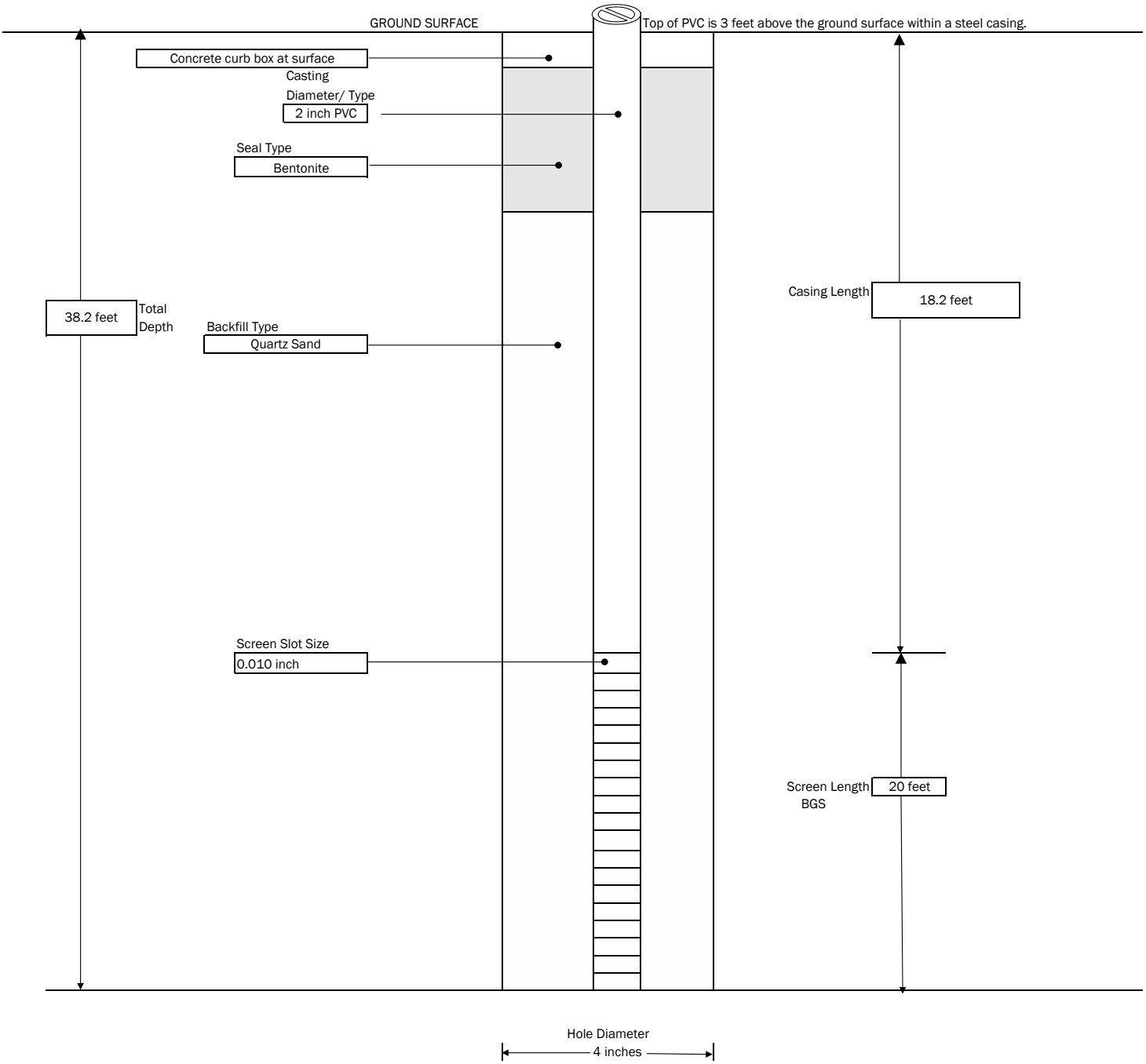
GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Sample @ 21-22
34-35

BORING: SB-45

LaBella Powered by partnership. 300 PEARL STREET, BUFFALO, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	**PROJECT** Remedial Investigation 11075 Walden Ave., Alden, New York	**MONITORING WELL :** MW-15 **SHEET** 1 OF 1 **JOB # 2180605**
CONTRACTOR: LaBella Environmental LLC DRILLER: LABELLA REPRESENTATIVE: S. Dalton	BORING LOCATION: SB-43 GROUND SURFACE ELEVATION: NA DATUM: NA START DATE: 8/15/19 END DATE: 8/15/19	TYPE OF DRILL RIG: AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: Macrocore



GENERAL NOTES:

1) NOT TO SCALE
2) DEPTHS ARE APPROXIMATE
3) BGS = below ground surface
4) NA = not applicable

APPENDIX 2

Site Health & Safety Plan

Site Health and Safety Plan

Location:

11075 Walden Avenue
Alden, New York 14004

Prepared For:

Mr. Jim Doro
Walden Realty Limited Partnership/Doritex Corp.
11980 Walden Avenue
Alden, New York

LaBella Project No. 2180605

April 2020

Olympic Towers, 300 Pearl Street, Suite 130 | Buffalo, NY 14202 | p 716-551-6281 | f 716-551-6282
www.labellapc.com

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Tables

Table 1 Exposure Limits and Recognition Qualities

SITE HEALTH AND SAFETY PLAN

Project Title:	11075 Walden Avenue - Brownfield Cleanup Program
Project Number:	2180605
Project Location (Site):	11075 Walden Avenue, Alden, New York 14004
Environmental Director:	Rob Napieralski
Project Manager:	Adam Zebrowski
Plan Review Date:	_____
Plan Approval Date:	_____
Plan Approved By:	_____ Steven Szymanski
Site Safety Supervisor:	Chris Kibler
Site Contact:	Jim Doro, Doritex Corp.
Safety Director:	Steven Szymanski
Proposed Date(s) of Field Activities:	To Be Determined
Site Conditions:	2.6± acres; Current Site features include green space to the north, west and south of the Site Building and asphalt-paved parking areas to the east and south of the Site Building.
Site Environmental Information Provided By:	❑ Limited Environmental Due Diligence: Transaction Screen report, 11075 Walden Avenue, Alden, New York, prepared by Lender Consulting Services, Inc. dated May 4, 2017 ❑ Supplemental Phase II Environmental Site Assessment report, 11075 Walden Avenue, Alden, New York, prepared by LaBella Associates, D.P.C. dated December 4, 2017 ❑ On-going Remedial and Interim Remedial Measures Investigations, 11075 Walden Avenue, Alden, New York, prepared by LaBella Associates, D.P.C., dated 2019
Air Monitoring Provided By:	LaBella Associates, D.P.C.
Site Control Provided By:	Redox Tech, LLC

EMERGENCY CONTACTS

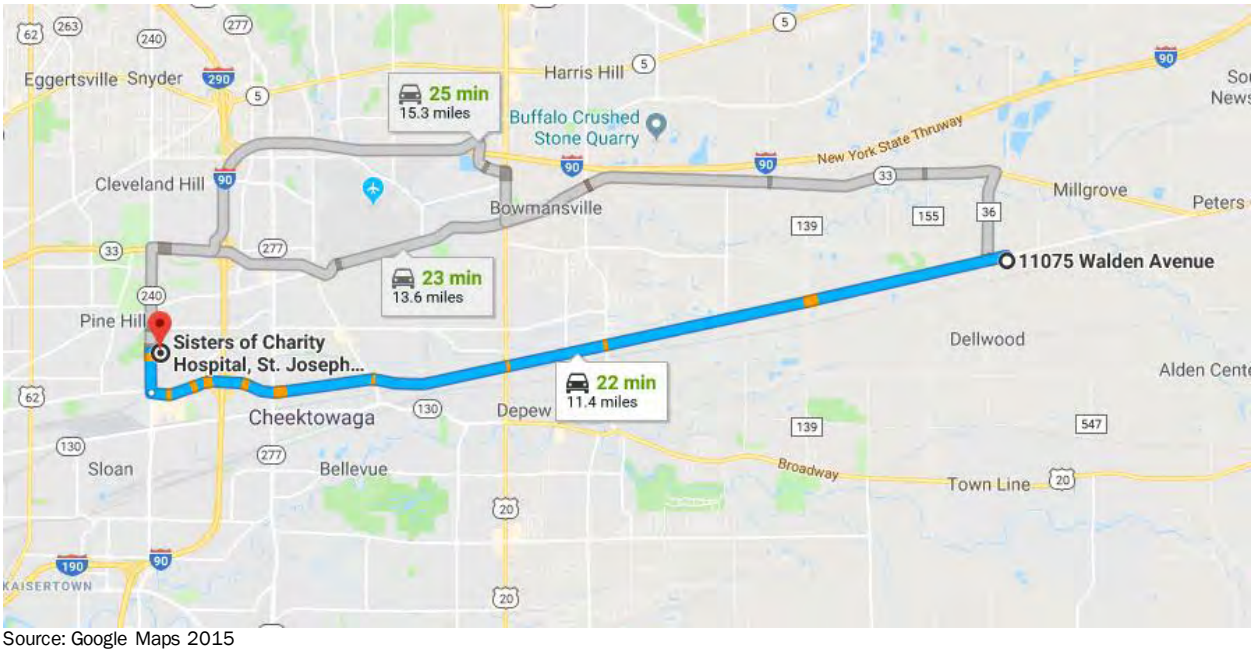
	Name	Phone Number
Ambulance:	As Per Emergency Service	911
Hospital Emergency:	St. Joseph's Hospital	716-891-2606
Poison Control Center:	National Poison Control Center (serving Buffalo Area)	800-222-1222
Police (local, state):	Erie County Sheriff's Department	716-937-7675
Fire Department:	Alden Village Fire Department	716-937-9319
Site Contact:	Jim Doro, Doritex Corp.	716-684-6600
Agency Contact:	NYSDEC – Anthony Lopes NYSDOH – To Be Determined	716-851-7220 To Be Determined
Environmental Director:	Rob Napieralski	Direct: 716-551-6283
Project Manager:	Adam Zebrowski	Direct: 716-840-2548
Site Safety Supervisor:	To Be Determined	To Be Determined
Safety Director	Steven Szymanski (LaBella)	Direct: 585-295-6633

MAP AND DIRECTIONS TO THE MEDICAL FACILITY - ST. JOSEPH'S HOSPITAL

11075 Walden Ave

Alden, NY 14004

1. Head west on Walden Ave toward Town Line Rd
   Pass by AutoZone (on the left in 6.4 mi)
2. Turn right onto Harlem Rd



Source: Google Maps 2015

1.0 INTRODUCTION

The purpose of this Health and Safety Plan (HASP) is to provide guidelines for responding to potential health and safety issues that may be encountered during the Supplemental Interim Remedial Measure (IRM) at 11075 Walden Avenue in the Town of Alden, Erie County, New York (Site). This HASP only reflects the policies of LaBella Associates, D.P.C. The requirements of this HASP are applicable to all approved LaBella personnel at the work Site. This document's project specifications, and the Community Air Monitoring Plan (CAMP), are to be consulted for guidance in preventing and quickly abating any threat to human safety or the environment. The provisions of the HASP do not replace or supersede any regulatory requirements of the United States Environmental Protection Agency, New York State Department of Environmental Conservation, Occupational Safety and Health Administration or other regulatory bodies.

2.0 RESPONSIBILITIES

This HASP presents guidelines to minimize the risk of injury to project personnel, and to provide rapid response in the event of injury. The HASP is applicable only to activities of approved LaBella personnel and their authorized visitors. The Project Manager shall implement the provisions of this HASP for the duration of the project. It is the responsibility of LaBella employees to follow the requirements of this HASP, and all applicable company safety procedures.

3.0 ACTIVITIES COVERED

The activities covered under this HASP are limited to the following:

- Management of environmental investigation and remediation activities
- Environmental Monitoring
- Collection of samples
- Management of soil boring injection wastes (if applicable)

4.0 WORK AREA ACCESS AND SITE CONTROL

The contractor(s) will have primary responsibility for work area access and Site control.

5.0 POTENTIAL HEALTH AND SAFETY HAZARDS

This section lists some potential health and safety hazards that project personnel may encounter at the project Site and some actions to be implemented by approved personnel to control and reduce the associated risk to health and safety. This is not intended to be a complete listing of any and all potential health and safety hazards. New or different hazards may be encountered as Site environmental and Site work conditions change. The suggested actions to be taken under this plan are not to be substituted for good judgment on the part of project personnel. At all times, the Site Safety Officer has responsibility for Site safety and his instructions must be followed.

5.1 *Hazards Due to Heavy Machinery*

Potential Hazard:

Heavy machinery including drilling rigs, trucks, trailers, etc. may be in operation at the Site. The presence of such equipment presents the danger of being struck or crushed and can also create noise pollution. Use caution when working near heavy machinery.

Protective Action:

Make sure that operators are aware of your activities, and heed operator's instructions and warnings. Wear bright colored clothing and walk safe distances from heavy equipment. A hard hat, safety glasses, steel toe shoes, and ear protection are required.

5.2 *Excavation Hazards*

Potential Hazard:

Excavations and trenches can collapse, causing injury or death. Edges of excavations can be unstable and collapse. Toxic and asphyxiant gases can accumulate in confined spaces and trenches. Excavations that require working within the excavation will require air monitoring in the breathing zone (refer to Section 9.0).

Excavations left open create a fall hazard which can cause injury or death.

Protective Action:

Personnel must receive approval from the Project Manager to enter an excavation for any reason. Subsequently, approved personnel are to receive authorization for entry from the Site Safety Officer. Approved personnel are not to enter excavations over 4 feet in depth unless excavations are adequately sloped. Additional personal protective equipment may be required based on the air monitoring.

Excavations shall be backfilled immediately following completion. If this is not possible, fencing and/or barriers accompanied by "no trespassing" signs should be placed around all excavations when left open for any period of time when work is not being conducted.

5.3 *Cuts, Punctures and Other Injuries*

Potential Hazard:

In any excavation and construction work Site there is the potential for the presence of sharp or jagged edges on rock, metal materials, and other sharp objects. Serious cuts and punctures can result in loss of blood and infection.

Protective Action:

The Project Manager is responsible for making First Aid supplies available at the work Site to treat minor injuries. The Site Safety Officer is responsible for arranging the transportation of authorized on-site personnel to medical facilities when First Aid treatment in not sufficient. Do not move seriously injured workers. All injuries requiring treatment are to be reported to the Project Manager. Serious injuries are to be reported immediately to the Site Safety Officer.

5.4 *Injury Due to Exposure of Chemical Hazards*

Potential Hazards:

Contaminants identified in testing locations at the Site include various chlorinated solvent volatile organic compounds (VOCs). Volatile organic vapors, chlorinated solvents or other chemicals may be encountered during subsurface activities at the project work Site. Inhalation of high concentrations of volatile organic vapors can cause headache, stupor, drowsiness, confusion and other health effects. Skin contact can cause irritation, chemical burn, or dermatitis. In addition, as subsurface activities will take place within the Site Building, there is the potential for carbon monoxide build-up to occur as a result of machinery operation. Inhalation of high concentrations of carbon monoxide can cause headache, stupor, drowsiness, confusion and other health effects including death.

Protective Action:

The use of properly selected Personal Protective Equipment (PPE), adherence to standard health and safety pre-cautions (e.g., no smoking or eating within work area or prior to personal decontamination), and implementation of routine dust suppression methods will effectively minimize exposure to the known contaminants on-site.

The presence of organic vapors may be detected by their odor and by monitoring instrumentation. Approved employees will not work in environments where hazardous concentrations of organic vapors are present. Air monitoring (refer to Section 9.0) of the work area will be performed at least every 60 minutes or more often using a Photoionization Detector (PID). Personnel are to leave the work area whenever PID measurements of ambient air exceed 25 parts per million (ppm) consistently for a 5 minute period. In the event that sustained total volatile organic compound (VOC) readings of 25 ppm are encountered personnel should upgrade personal protective equipment to Level C (refer to Section 8.0) and an Exclusion Zone should be established around the work area to limit and monitor access to this area (refer to Section 6.0).

5.5 *Injuries due to extreme hot or cold weather conditions*

Potential Hazards:

Extreme hot weather conditions can cause heat exhaustion, heat stress and heat stroke or extreme cold weather conditions can cause hypothermia.

Protective Action:

Precaution measures should be taken such as dress appropriately for the weather conditions and drink plenty of fluid. If personnel should suffer from any of the above conditions, proper techniques should be taken to cool down or heat up the body and taken to the nearest hospital if needed.

5.6 *Injuries due to Saw Cutting of Concrete Surfaces*

Potential Hazards:

As saw cutting of the interior concrete slab may be required, there is the potential for worker exposure to silica dust.

Protective Action:

It is recommended that approved personnel conducting saw cutting activities wear at a minimum a ½ face respirator with organic vapor cartridges. On-site personnel not associated with saw cutting activities should remain a safe distance and (if applicable) upwind from the work area during such to avoid exposure to potential silica dust.

6.0 WORK ZONES

In the event that conditions warrant establishing various work zones (i.e., based on hazards - Section 5.0), the following work zones should be established:

Exclusion Zone (EZ):

The EZ will be established in the immediate vicinity and adjacent downwind direction of Site activities that elevate breathing zone VOC concentrations to unacceptable levels based on field screening. These Site activities include contaminated soil excavation and soil sampling activities. If access to the Site is required to accommodate non-project related personnel then an EZ will be established by constructing a barrier around the work area (yellow caution tape and/or construction fencing). The EZ barrier shall encompass the work area and any equipment staging/soil staging areas necessary to perform the associated work. The contractor(s) will be responsible for establishing the EZ and limiting access to approved personnel. Depending on the condition for establishing the EZ, access to the EZ may require adequate PPE (e.g., Level C).

Contaminant Reduction Zone (CRZ):

The CRZ will be the area where personnel entering the EZ will don proper PPE prior to entering the EZ and the area where PPE may be removed. The CRZ will also be the area where decontamination of equipment and personnel will be conducted as necessary.

7.0 DECONTAMINATION PROCEDURES

Upon leaving the work area, approved personnel shall decontaminate footwear as needed. Under normal work conditions, detailed personal decontamination procedures will not be necessary. Work clothing may become contaminated in the event of an unexpected splash or spill or contact with a contaminated substance. Minor splashes on clothing and footwear can be rinsed with clean water. Heavily contaminated clothing should be removed if it cannot be rinsed with water. Personnel assigned to this project should be prepared with a change of clothing whenever on Site.

Personnel will use the contractor's disposal container for disposal of PPE.

8.0 PERSONAL PROTECTIVE EQUIPMENT

Generally, Site conditions at this work Site require level of protection of Level D or modified Level D; however, air monitoring will be conducted to determine if up-grading to Level C PPE is required (refer to Section 9.0). Descriptions of the typical safety equipment associated with Level D and Level C are provided below:

Level D:

Hard hat, safety glasses, rubber nitrile sampling gloves, steel toe construction grade boots, etc.

Level C:

Level D PPE and full or ½-face respirator and tyvek suit (if necessary). [*Note: Organic vapor cartridges are to be changed after each 8-hours of use or more frequently.*]

9.0 AIR MONITORING

According to 29 CFR 1910.120(h), air monitoring shall be used to identify and quantify airborne levels of hazardous substances and health hazards in order to determine the appropriate level of employee protection required for personnel working onsite. Air monitoring will consist at a minimum of the procedure listed below. Air monitoring instruments will be calibrated and maintained in accordance with the manufacturer's specifications.

The Air Monitor will utilize a PID to screen the ambient air in the work areas (drilling, excavation, soil staging, and soil grading areas) for total VOCs, DustTrak tm Model 8520 aerosol monitors or equivalent for measuring particulates and a carbon monoxide detector for total carbon monoxide concentrations. Work area ambient air will generally be monitored in the work area and downwind of the work area. Air monitoring of the work areas and downwind of the work areas will be performed at least every 60 minutes using a PID, the DustTrak meter and a carbon monoxide detector.

If sustained PID readings of greater than 25 ppm are recorded in the breathing zone, either personnel are to leave the work area until satisfactory readings are obtained or approved personnel may re-enter the work areas wearing at a minimum a ½ face respirator with organic vapor cartridges for an 8-hour duration (i.e., upgrade to Level C PPE). Organic vapor cartridges are to be changed after each 8-hour use or more frequently, if necessary. If PID readings are sustained, in the work area, at levels above 50 ppm for a 5 minute average, work will be stopped immediately until safe levels of VOCs are encountered or additional PPE will be required (i.e., Level B).

10.0 EMERGENCY ACTION PLAN

In the event of an emergency, employees are to turn off and shut down all powered equipment and leave the work areas immediately. Employees are to walk or drive out of the Site as quickly as possible, wait at the assigned "safe area" and follow the instructions of the Site Safety Officer.

Employees are not authorized or trained to provide rescue and medical efforts. Rescue and medical efforts will be provided by local authorities.

11.0 MEDICAL SURVEILLANCE

Medical surveillance will be provided to all employees who are injured due to overexposure from an emergency incident involving hazardous substances at this Site.

12.0 EMPLOYEE TRAINING

Personnel who are not familiar with this Site plan will receive training on its entire content and organization before working at the Site.

Individuals involved with the remedial investigation must be 40-hour OSHA HAZWOPER trained with current 8-hour refresher certification.

Table 1
Exposure Limits and Recognition Qualities

Compound	PEL-TWA (ppm)(b)(d)	TLV-TWA (ppm)(c)(d)	STEL (ppm)(b)	LEL (%)(e)	UEL (%)(f)	IDLH (ppm)(g)(d)	Odor	Odor Threshold (ppm)	Ionization Potential
Acetone	750	500	NA	2.15	13.2	20,000	Sweet	4.58	9.69
Anthracene	.2	.2	NA	NA	NA	NA	Faint aromatic	NA	NA
Benzene	1	0.5	5	1.3	7.9	3000	Pleasant	8.65	9.24
Benzo (a) pyrene (coal tar pitch volatiles)	0.2	0.1	NA	NA	NA	700	NA	NA	NA
Benzo (a)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (b) Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (g,h,i)perylene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (k) Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	NA	NA	NA	NA	NA	NA	NA	NA	10.88
Carbon Disulfide	20	1	NA	1.3	50	500	Odorless or strong garlic type	.096	10.07
Chlorobenzene	75	10	NA	1.3	9.6	2,400	Faint almond	0.741	9.07
Chloroform	50	2	NA	NA	NA	1,000	ethereal odor	11.7	11.42
Chrysene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethylene	200	200	NA	9.7	12.8	400	Acrid	NA	9.65
1,2-Dichlorobenzene	50	25	NA	2.2	9.2		Pleasant		9.07
Ethyl Alcohol	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100	100	NA	1.0	6.7	2,000	Ether	2.3	8.76
Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropyl Alcohol	400	200	500	2.0	12.7	2,000	Rubbing alcohol	3	10.10
Isopropylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	500	50	NA	12	23	5,000	Chloroform-like	10.2	11.35
Naphthalene	10, Skin	10	NA	0.9	5.9	250	Moth Balls	0.3	8.12
n-propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphoric Acid	1	1	3	NA	NA	10,000	NA	NA	NA
Polychlorinated Biphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium Hydroxide	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethane	NA	NA	NA	NA	NA	NA	Sweet	NA	NA
Toluene	100	100	NA	0.9	9.5	2,000	Sweet	2.1	8.82
Trichloroethylene	100	50	NA	8	12.5	1,000	Chloroform	1.36	9.45
1,2,4-Trimethylbenzene	NA	25	NA	0.9	6.4	NA	Distinct	2.4	NA
1,3,5-Trimethylbenzene	NA	25	NA	NA	NA	NA	Distinct	2.4	NA
Vinyl Chloride	1	1	NA	NA	NA	NA	NA	NA	NA
Xylenes (o,m,p)	100	100	NA	1	7	1,000	Sweet	1.1	8.56
Metals									
Arsenic	0.01	0.2	NA	NA	NA	100, Ca	NA	NA	NA
Cadmium	0.2	0.5	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	1	0.5	NA	NA	NA	NA	NA	NA	NA
Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.05	0.15	NA	NA	NA	700	NA	NA	NA
Mercury	0.05	0.05	NA	NA	NA	28	NA	NA	NA
Selenium	0.2	0.02	NA	NA	NA	Unknown	NA	NA	NA

(a) Skin = Skin Absorption
(b) OSHA-PEL Permissible Exposure Limit (flame weighted average, 8-hour): NIOSH Guide, June 1990
(c) ACGIH – 8 hour time weighted average from Threshold Limit Values and Biological Exposure Indices for 2003.
(d) Metal compounds in mg/m3
(e) Lower Exposure Limit (%)
(f) Upper Exposure Limit (%)
(g) Immediately Dangerous to Life or Health Level: NIOSH Guide, June 1990.

Notes:
1. All values are given in parts per million (PPM) unless otherwise indicated.
2. Ca = Possible Human Carcinogen, no IDLH information.

APPENDIX 3

Site Community Air Monitoring Plan

Site Community Air Monitoring Plan

Location:

11075 Walden Avenue
Alden, New York 14004

Prepared for:

Mr. Jim Doro
Walden Realty Limited Partnership/Doritex Corp.
11980 Walden Avenue
Alden, New York

LaBella Project No. 2180605

April 2020

Olympic Towers, 300 Pearl Street, Suite 130 | Buffalo, NY 14202 | p 716-551-6281 | f 716-551-6282
www.labellapc.com

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6.0 PARTICULATE MONITORING....2

List of Attachments

Attachment 1: NYSDOH Community Air Monitoring Plan
Attachment 2: NYSDEC Fugitive Dust and Particulate Monitoring Plan

1.0 INTRODUCTION

The purpose of this Site Community Air Monitoring Plan (CAMP) is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of remedial work activities at the Site located at 11075 Walden Avenue in the Town of Alden, Erie County, New York. This Site-Specific Air Monitoring Program (SSAMP) is not intended for use in establishing action levels for worker respiratory protection.

This SSAMP requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust), at the downwind perimeter of each designated work area when certain activities are in progress at the Site. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the SSAMP will help to confirm that work activities have not spread contamination off-site through the air.

2.0 RESPONSIBILITIES

This SSAMP is applicable to the remedial activities of contractors, engineers, consultants, facility employees, and their authorized visitors. The Project Manager shall implement the provisions of this SSAMP for the duration of the project. It is the responsibility of all remedial workers to follow the requirements of this SSAMP, and all applicable air safety procedures.

3.0 ACTIVITIES COVERED

The activities covered under this SSAMP include the following:

- Management of environmental investigation and remediation activities
- Environmental monitoring
- Collection of samples
- Management of soil boring injection wastes (if applicable)

4.0 WORK AREA ACCESS AND SITE CONTROLS

The contractor(s) will have primary responsibility for work area access and site control.

5.0 VOLATILE ORGANIC COMPOUND MONITORING

Monitoring for VOCs will be implemented in accordance with the New York State Department of Health (NYSDOH) Generic Community Air Monitoring Plan, which is included in Attachment 1.

6.0 PARTICULATE MONITORING

Monitoring for dust will be implemented in accordance with the NYSDOH Generic Community Air Monitoring Plan (Attachment 1) as well as New York State Department of Environmental Conservation's Fugitive Dust and Particulate Monitoring (Attachment 2).

J:\WALDEN REALTY\2180605 - 11075 WALDEN AVE BCP\REPORTS\IRMWP\CAMP\SITE SPECIFIC CAMP_11075 WALDEN AVE..DOCX

ATTACHMENT 1

NYSDOH Community Air Monitoring Plan

Attachment 1
New York State Department of Health
Generic Community Air Monitoring Plan

Overview

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. “Periodic” monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or

overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

December 2009

ATTACHMENT 2

NYSDEC Fugitive Dust and Particulate Monitoring Plan

Attachment 2
Fugitive Dust and Particulate Monitoring

A program for suppressing fugitive dust and particulate matter monitoring at hazardous waste sites is a responsibility on the remedial party performing the work. These procedures must be incorporated into appropriate intrusive work plans. The following fugitive dust suppression and particulate monitoring program should be employed at sites during construction and other intrusive activities which warrant its use:

1. Reasonable fugitive dust suppression techniques must be employed during all site activities which may generate fugitive dust.

2. Particulate monitoring must be employed during the handling of waste or contaminated soil or when activities on site may generate fugitive dust from exposed waste or contaminated soil. Remedial activities may also include the excavation, grading, or placement of clean fill. These control measures should not be considered necessary for these activities.

3. Particulate monitoring must be performed using real-time particulate monitors and shall monitor particulate matter less than ten microns (PM10) with the following minimum performance standards:

(a) Objects to be measured: Dust, mists or aerosols;
(b) Measurement Ranges: 0.001 to 400 mg/m3 (1 to 400,000 :ug/m3);
(c) Precision (2-sigma) at constant temperature: +/- 10 :g/m3 for one second averaging; and +/- 1.5 g/m3 for sixty second averaging;
(d) Accuracy: +/- 5% of reading +/- precision (Referred to gravimetric calibration with SAE fine test dust (mmd= 2 to 3 :m, g= 2.5, as aerosolized);
(e) Resolution: 0.1% of reading or 1g/m3, whichever is larger;
(f) Particle Size Range of Maximum Response: 0.1-10;
(g) Total Number of Data Points in Memory: 10,000;
(h) Logged Data: Each data point with average concentration, time/date and data point number
(i) Run Summary: overall average, maximum concentrations, time/date of maximum, total number of logged points, start time/date, total elapsed time (run duration), STEL concentration and time/date occurrence, averaging (logging) period, calibration factor, and tag number;
(j) Alarm Averaging Time (user selectable): real-time (1-60 seconds) or STEL (15 minutes), alarms required;
(k) Operating Time: 48 hours (fully charged NiCd battery); continuously with charger;
(l) Operating Temperature: -10 to 50^{o} C (14 to 122^{o} F);
(m) Particulate levels will be monitored upwind and immediately downwind at the working site and integrated over a period not to exceed 15 minutes.

4. In order to ensure the validity of the fugitive dust measurements performed, there must be appropriate Quality Assurance/Quality Control (QA/QC). It is the responsibility of the remedial party to adequately supplement QA/QC Plans to include the following critical features: periodic instrument calibration, operator training, daily instrument performance (span) checks, and a record keeping plan.

5. The action level will be established at 150 ug/m3 (15 minutes average). While conservative,

this short-term interval will provide a real-time assessment of on-site air quality to assure both health and safety. If particulate levels are detected in excess of 150 ug/m3, the upwind background level must be confirmed immediately. If the working site particulate measurement is greater than 100 ug/m3 above the background level, additional dust suppression techniques must be implemented to reduce the generation of fugitive dust and corrective action taken to protect site personnel and reduce the potential for contaminant migration. Corrective measures may include increasing the level of personal protection for on-site personnel and implementing additional dust suppression techniques (see paragraph 7). Should the action level of 150 ug/m3 continue to be exceeded work must stop and DER must be notified as provided in the site design or remedial work plan. The notification shall include a description of the control measures implemented to prevent further exceedances.

6. It must be recognized that the generation of dust from waste or contaminated soil that migrates off-site, has the potential for transporting contaminants off-site. There may be situations when dust is being generated and leaving the site and the monitoring equipment does not measure PM10 at or above the action level. Since this situation has the potential to allow for the migration of contaminants off-site, it is unacceptable. While it is not practical to quantify total suspended particulates on a real-time basis, it is appropriate to rely on visual observation. If dust is observed leaving the working site, additional dust suppression techniques must be employed. Activities that have a high dusting potential--such as solidification and treatment involving materials like kiln dust and lime--will require the need for special measures to be considered.

7. The following techniques have been shown to be effective for the controlling of the generation and migration of dust during construction activities:

(a) Applying water on haul roads;
(b) Wetting equipment and excavation faces;
(c) Spraying water on buckets during excavation and dumping;
(d) Hauling materials in properly tarped or watertight containers;
(e) Restricting vehicle speeds to 10 mph;
(f) Covering excavated areas and material after excavation activity ceases; and
(g) Reducing the excavation size and/or number of excavations.

Experience has shown that the chance of exceeding the 150ug/m3 action level is remote when the above-mentioned techniques are used. When techniques involving water application are used, care must be taken not to use excess water, which can result in unacceptably wet conditions. Using atomizing sprays will prevent overly wet conditions, conserve water, and provide an effective means of suppressing the fugitive dust.

8. The evaluation of weather conditions is necessary for proper fugitive dust control. When extreme wind conditions make dust control ineffective, as a last resort remedial actions may need to be suspended. There may be situations that require fugitive dust suppression and particulate monitoring requirements with action levels more stringent than those provided above. Under some circumstances, the contaminant concentration and/or toxicity may require additional monitoring to protect site personnel and the public. Additional integrated sampling and chemical analysis of the dust may also be in order. This must be evaluated when a health and safety plan is developed and when appropriate suppression and monitoring requirements are established for protection of health and the environment.

APPENDIX 4

Anaerobic Biochem Plus Product Information & Safety Data Sheets

REDOX TECH, LLC

"Providing Innovative In Situ Soil and Groundwater Treatment"

ABC+ PRODUCT ANNOUNCEMENT

Redox Tech, Inc is pleased to offer an enhanced version of our industry proven Anaerobic Biochem (ABC®) formula, promoting both anaerobic biodegradation and reductive dechlorination of halogenated solvents in groundwater. This product, Anaerobic Biochem Plus (ABC+), is a mixture of our ABC® formula and Zero Valent Iron (ZVI). Formulated and mixed on a site-by-site basis, up to fifty percent (50%) by weight of ZVI can be added. ZVI has been proven and widely accepted as an effective in situ remediation technology of chlorinated solvents such as TCA, PCE, TCE, and daughter products. The degradation process using ZVI is an abiotic reductive dechlorination process occurring on the surface of the granular iron, with the iron acting as an electron donor.

The addition of ZVI to the ABC® mixture provides a number of advantages for enhanced reductive dechlorination (ERD). The ZVI will provide an immediate reduction. The ABC® will provide short-term and long-term nutrients to anaerobic growth, which also assists to create a reducing environment. ABC® contains soluble lactic acid and a phosphate buffer that provides phosphates, which are a micronutrient for bioremediation, and maintains the pH in a range that is best suited for microbial growth. In addition, the corrosion of iron metal yields ferrous iron and hydrogen, both of which are possible reducing agents. The hydrogen gas produced is also an excellent energy source for a wide variety of anaerobic bacteria.

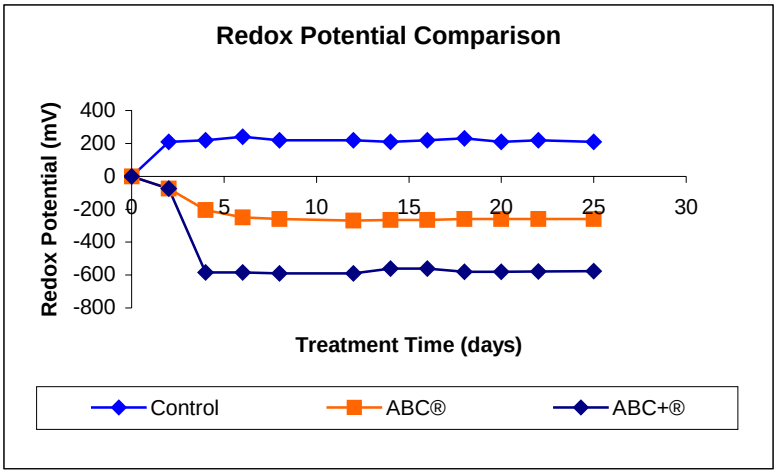
The ABC® and ZVI are mixed with potable water and emplaced in the subsurface simultaneously. The dilution factor (i.e. water content) can be adjusted to achieve optimal dispersion and distribution based on site-specific parameters such as well spacing, permeability of the formation, and contaminant concentrations. The solution can be emplaced by a variety of techniques, including injection through wells or drill rods (for permeable geologic environments such as sands and fractured rock), hydraulic fracturing (for lower permeable environments such as silt and clay), and through soil blending (for all unconsolidated shallow depth applications less than 20 ft bgs). All of these techniques are part of Redox Tech's service offerings.

Benefits of ABC+ include:

- The presence of ZVI allows for the rapid and complete dechlorination of target compounds. Degradation rates using ZVI are several orders of magnitude greater than under natural conditions. As a consequence, the process does not result in the formation of daughter products other than ethane, ethane, and methane.
- ABC® will last up to 12 months in the subsurface environment due to slow releasing compounds, allowing for long-term anaerobic biodegradation
- By creating a reducing environment, ABC+ has the ability to provide long term immobilization of heavy metals (e.g. Ni, Zn, Hg, As)
- Does not require direct contact to act on target constituents.
-

[1]ABC® is protected by US Patents 6,001,252 and 6,472,198. Trademark pending

- Does not divert groundwater flow. ABC is typically mixed at a 15% by weight solution with water. The viscosity of the solution is similar to sugar water and therefore does not measurably influence groundwater flow paths. Due to the relatively low volume of ZVI used, it does not measurably lower the bulk permeability of the formation.
- Ease of handling. The ABC$^+$ product is comprised of food grade compounds and therefore does not require high-levels of personal protective equipment (PPE) or special training to handle. The ZVI is a stable compound that also requires low-level PPE protection.
- Patent protection: Redox Tech is licensed under Enviromental Technologies, Inc. (an Adventus Company) who is the current holder of patents pertaining to remediation using ZVI. Therefore, Redox Tech is able to market, sell, and emplace our ABC$^+$ product. There is no patent infringement risk to the client in selecting the ABC$^+$ approach.
- Price advantage. The cost of the ABC$^+$ formula is an extremely competitive approach in relation to other ERD products on the market.
- ABC$^+$ produces a significantly lower redox potential of approximately –600 mV



Let Redox Tech help formulate a remedial program for your site today. For more information visit our web page at www.redox-tech.com or contact:

John Haselow
Redox Tech, LLC
200 Quade Drive
Cary, NC 27513
Phone: 919-678-0140
FAX: 919-678-0150
jhaselow@redox-tech.com

SAFETY DATA SHEET
Anaerobic BioChem (ABC)

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **Anaerobic BioChem**
GENERAL USE: **Bioremediation of halogenated organics and metals**

MANUFACTURER:

Redox Tech, LLC
200 Quade Drive
Cary, NC 27513
919-678-0140

EMERGENCY TELEPHONE:

Within USA and Canada: 1-800-424-9300
+1 703-527-3887 (collect calls accepted)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Product is generally recognized as safe. May cause irritation exposure to eyes. Long term contact to skin may cause some drying and minor irritation.

3. COMPOSITION INFORMATION ON INGREDIENTS

Proprietary mixture of fatty acids, glycerol, lactates and dipotassium phosphate.

4. FIRST AID MEASURES

EYES: Immediately flush with water for up to 15 minutes. If irritation persists, seek medical attention.

SKIN: Rinse with water. Irritation is unlikely, but if irritation occurs or persists, seek medical attention.

INGESTION: Generally safe to ingest but not recommended.

INHALATION: No first aid required.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Deluge with water

FIRE/EXPLOSION HAZARDS: Product is combustible only at temperatures above 600C

FIRE FIGHTING PROCEDURES: Use flooding with plenty of water, carbon dioxide or other inert gasses. Wear full protective clothing and self-contained breathing apparatus. Deluging with water is the best method to control combustion of the product.

FLAMMABILITY LIMITS: non-combustible

SENSITIVITY TO IMPACT: non-sensitive

SENSITIVITY TO STATIC DISCHARGE: non-senstive

6. ACCIDENTAL RELEASE MEASURES

Confine and collect spill. Transfer to an approved DOT container and properly dispose. Do not dispose of or rinse material into sewer, stormwater or surface water. Discharge of product to surface water could result in depressed dissolved oxygen levels and subsequent biological impacts.

7. HANDLING AND STORAGE

HANDLING: Protective gloves and safety glasses are recommended.

STORAGE: Keep dry. Use first in, first out storage system. Keep container tightly closed when not in use. Avoid contamination of opened product. Avoid contact with reducing agents.

8. EXPOSURE CONTROLS – PERSONAL PROTECTION

EXPOSURE LIMITS

Chemical Name	ACGIH	OSHA	Supplier
ABC	**NA**	**NA**	**NA**

ENGINEERING CONTROLS: None are required

PERSONAL PROTECTIVE EQUIPMENT

EYES and FACE: Safety glasses recommended
RESPIRATOR: none necessary
PROTECTIVE CLOTHING: None necessary
GLOVES: rubber, latex or neoprene recommended but not required

9. PHYSICAL AND CHEMICAL PROPERTIES

Odor:	none to mild pleasant organic odor
Appearance:	clear to light amber
Auto-ignition Temperature	Non-combustible
Boiling Point	>600 C
Melting Point	NA
Density	1.15 gram/cc
Solubility	infinite
pH	7-9

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Do not contact with strong oxidizers
STABILITY: product is stable
POLYMERIZATION: will not occur
INCOMPATIBLE MATERIALS: strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS:

11. TOXICOLOGICAL INFORMATION

Acute Toxicity
A: General Product Information
Acute exposure may cause mild skin and eye irritation.
B: Component Analysis - LD50/LC50

No information available.

B: Component Analysis - TDLo/LDLo
TDLo (Oral-Man) none

Carcinogenicity
A: General Product Information
No information available.
B: Component Carcinogenicity
Product is not listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

Epidemiology
No information available.

Neurotoxicity
No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Discharge to water may cause depressed dissolved oxygen and subsequent ecological stresses
Environmental Fate
No potential for food chain concentration

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Material is not considered hazardous, but consult with local, state and federal agencies prior to disposal to ensure all applicable laws are met.

14. TRANSPORT INFORMATION

NOTE: The shipping classification information in this section (Section 14) is meant as a guide to the overall classification of the product. However, transportation classifications may be subjectto change with changes in package size. Consult shipperrequirements under I.M.O., I.C.A.O. (I.A.T.A.) and 49 CFR to assure regulatory compliance.

US DOT Information
Shipping Name: Not Regulated
Hazard Class: Not Classified
UN/NA #: Not Classified
Packing Group:None
Required Label(s):None

50th Edition International Air Transport Association (IATA):
Not hazardous and not regulated

INTERNATIONAL MARITIME DANGEROUS GOODS (IMDG)

Material is not regulated under IMDG

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III

SECTION 311 No Hazard for Immediate health Hazard
SECTION 312 No Threshold Quanitity
SECTION 313 Not listed

CERCLA NOT REGULATED UNDER CERCLA

TSCA NOT REGULATED UNDER TSCA

CANADA (WHIMS): NOT REGULATED

16. OTHER INFORMATION

HMIS:

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	E

E: Safety Glasses, gloves

SAFETY DATA SHEET
Zero Valent Iron (ZVI)

Section 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **ZVI**
GENERAL USE: Chemical reduction of halogenated organics and-or metals

MANUFACTURER:

Redox Tech, LLC
200 Quade Drive
Cary, NC 27513
919-678-0140

EMERGENCY TELEPHONE:

Within USA and Canada: 1-800-424-9300
+1 703-527-3887 (collect calls accepted)

Section 2. HAZARDS IDENTIFICATION

Physical state : Solid (Powder)
Emergency Overview : Potential dust explosion. Avoid contact with oxidizing agents. USE WITH CARE. Follow good industrial hygiene practice

Routes of entry : Demal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects
- Eyes : May cause eye irritation.
- Skin : No known significant effects or critical hazards
- Inhalation : May cause respiratory tract irritation.
- Ingestion : No known significant effects or critical hazards.

Potential Chronic Effects: : Carcinogenic effects: Not classified or listed by IARC, NTP, OSHA, EU AND ACGIH.
Mutagenic effects: Not available
: Teratogenic effects: Not Available
Medical conditions : Repeated exposure of the eyes to a low level of dust can produce eye irritation

Section 3. COMPOSITION INFORMATION ON INGREDIENTS

Greater than 98% Iron CAS# 7439-89-6
Contains carbon, sulfur and other metal impurities.

Section 4. FIRST AID MEASURES

Eye contact : Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention if irritation occurs
Skin contact : Wash with soap and water. Get medical attention if irritation occurs.
Inhalation : Move person to fresh air. Get medical attention if breathing difficulty persists

Ingestion	:	Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
Notes to physician:		No specific antidote. Material is used as an iron supplement in food and vitamins. Treatment would be the same as for iron overdose.

Section 5. FIRE FIGHTING MEASURES

Flammability of the product	Generally non-flammable but susceptible to dust explosion.
Fire-fighting media	Use a fog nozzle to spray water.
Special protective Equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment.
Special remarks on fire	As with any finely granulated product, a risk of dust explosion is present should the material be dispersed in air and exposed to a source of ignition. Fine powder can form flammable and explosive mixtures in air.

Section 6. ACCIDENTAL RELEASE MEASURES

In case of a significant release, take immediate efforts to minimize discharge to surface water (storm drains, streams, lakes, rivers, etc). If the release occurs in a closed area, take steps to improve ventilation. If improvement of ventilation is not possible, call the fire department. The material can be swept up and placed into approved storage containers. Do not use a vacuum to gather the material because this may result in dispersion of dust particles and increase the risk for a dust explosion.

Section 7. HANDLING AND STORAGE

The material should be stored in a cool, dry, environment. It is not recommended to store the material in the proximity of oxidants. When handling the product, wear a dusk mask, eye protection and gloves. The product should always be handled in a well ventilated environment.

Section 8. EXPOSURE CONTROLS – PERSONAL PROTECTION

Engineering controls	:	Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal protection		
Eyes	:	Safety eyewear complying with an approved standard should be used and selected based on the t ask being performed and the risks involved (avoid exposure to liquid splashed, mists, gases or dusts). Where there is a risk of exposure to high velocity particles safety glasses or face shield complying with an approved standard should be used to protect against impact. Where there is a risk of exposure to dusts, goggles should be used. Recommended: Safety glasses.
Respiratory	:	Dusk mask or respirator is recommended.
Hands	:	Gloves are recommended

Skin/Body	:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved. Risk from dermal contact is minimal.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Solid (Powder)
Color	:	Gray
Melting/freezing point	:	1535ºC (2795ºF)
Specific gravity	:	7.88
Bulk density	:	2.4 to 3.2 g/cm³
Solubility	:	Insoluble in water

Section 10. STABILITY AND REACTIVITY

The product is reactive with oxidizers. Precautions should be taken not to store or contact the product with oxidizers.

Fine particles of this product (not widely found in this grade) have a potential for a dust explosion. The product should be handled in a well ventilated area where dust generation is minimized.

Section 11. TOXICOLOGICAL INFORMATION

Acute Effects

Eyes	May cause eye irritation.
Skin	No known significant effects or critical hazards.
Inhalation	May cause respiratory tract irritation.
Ingestion	No known significant effects or critical hazards.

Chronic Health Effects:	Carcinogenic effects: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH

Section 12. ECOLOGICAL INFORMATION

Will reduce dissolved oxygen levels in aquatic ecosystems. Direct discharge to surface water should be avoided.

Section 13. DISPOSAL CONSIDERATIONS

The generation of waste should be avoided or minimized to the extent practical. Disposal of this product, solutions and any by-products should be completed in an environmentally responsible manner that complies with all local, state and federal laws.

Section 14. TRANSPORT INFORMATION

Classification:

AND/ADR/TDG/DOT/IMDG/IATA:	Not regulated.

Section 15. REGULATORY INFORMATION

This product is not regulated in the United States and Canada. The user should ensure this product is not regulated where used.

Section 16. OTHER INFORMATION

Health	0
Fire Hazard	2
Reactivity	1
Personal Protection	C

MATERIAL SAFETY DATA SHEET

1. Product and Company Information

Product Name: **Rantec® KP4000™ Guar Gum**

Manufacturer/Supplier: Rantec Corporation
Address: 17 Kukuchka Lane
Ranchester, WY 82839

Phone Number: (307) 655-9565
Fax Number: (307) 655-9528
e-mail: rantec@ranteccorp.com

2. Composition / Information on Ingredients

Ingredient	CAS Number	% Weight	Exposure Limits
Guar Gum	9000-30-0	100	5 mg/m^3 (respirable) PEL-TWA 3 mg/m^3 (respirable) TLV-TWA 10 mg/m^3 (inhalable dust) TLV-TWA

Chemical Family: Carbohydrate
Formula: Approximately $(C_6H_{10}0_5)n$

3. Hazards Identification

OSHA Hazardous Material: Yes
OSHA Hazard Categories:

1. Carcinogen – NO
2. Corrosive – NO
3. Highly Toxic – NO
4. Irritant – Yes
5. Sensitizer – Yes
6. Toxic – NO
7. Target Organ Effect Lung and Cutaneous -- Yes

Emergency Overview:

Concentrations of dust suspended in the air present a fire and explosion hazard.

Inhalation of dust may cause respiratory irritation and possible lung injury with symptoms of shortness of breath and reduced lung function.

Guar gum is very slippery when wet.

Acute Health Effects:
Eye Contact: Contact may cause irritation based on studies with laboratory animals.

Skin Contact: Contact may cause dryness.

Inhalation: Inhalation of dust may cause irritation of the nose, throat and respiratory passages. Symptoms include coughing, sore throat, nasal congestion, sneezing wheezing and shortness of breath. Guar gum may cause life-threatening allergic reaction in susceptible individuals.

3. Hazards Identification (continued)

Ingestion: DO NOT INGEST. While this product is not toxic by ingestion, swallowing small amounts could cause complete blockage of the mouth, pharynx, trachea, esophagus and/or gastrointestinal system which may cause choking, suffocation and/or other life threatening medical conditions. Get medical attention immediately.

Chronic (long-term exposure) Health Effects:

- **Inhalation:** Overexposure to any nuisance dust may cause lung injury. Symptoms include cough, shortness of breath, difficulty breathing and reduced pulmonary function. Repeated exposures may cause allergic sensitization.
- **Carcinogenicity:** None of the components of this product are listed as carcinogens or suspected carcinogens by OSHA, IARC or NTP.
- **Medical Conditions Aggravated by Exposure:** Persons with pre-existing skin and respiratory disorders may be at an increased risk from exposure.

Physical Hazards:

- **Dust:** It is well documented that a dust cloud will fuel an explosion in a confined area with sufficient oxygen and an ignition source. Surface (passive) and airborne (active) dust (fuel) is a potential hazard and the appropriate protective measures should be taken when handling guar outside of the bag in confined work spaces, dust collectors, dryers, mills, sifters, blender, pneumatic conveyance systems, storage tanks, etc. Utilize good housekeeping to remove surface dust from floors, walls, beams, around equipment, etc.
- **Slick Surfaces:** It is possible that an employee will be exposed to guar powder or dust in combination with water on work platform, floor or stair, which will result in a slippery surface.

4. First Aid Measures

Eye: Flush immediately with large amounts of water. Eyelids should be held away from the eyeball to ensure thorough rinsing. If irritation persists get medical attention.

Skin: First aid is not normally needed. Wash exposed skin with soap and water after use. If irritation or rash develops get medical attention. Use skin lotion if dryness occurs.

Inhalation: If symptoms of irritation or allergy develop, remove person from source of exposure to fresh air. If symptoms persist get medical attention.

Ingestion: Swallowing even small amounts may have serious, life-threatening effects. Get immediate medical attention.

5. Firefighting Measures

Flashpoint: Not Applicable
Auto-Ignition Temperature: Not Determined
Lower Explosion Limit: 0.040 oz/cf
Upper Explosion Limit: Not determined

Extinguishing Media: Use water fog, dry chemical, carbon dioxide or foam. Do not use streams of water as dust dispersed by water streams can explode.

Special Fire Fighting Procedures: Wear positive pressure, self-contained breathing apparatus and full protective clothing.
Unusual Fire and Explosion Hazards: Powder has the potential to form explosive mixtures with air. It is well documented that a dust cloud will fuel an explosion hazard. Surface (passive) and airborne (active) dust (fuel) are a potential hazard and the appropriate protective measures should be taken when handling guar gum outside of the original packaging. Avoid creating dust. Keep away from heat, sparks and open flames. As with all dusty materials, use preventative measures including spark proof motors and ventilation to control dust. Utilize good housekeeping to remove surface dust from floors, walls, beams, around equipment, etc.

Combustion Products: Oxides of carbon and nitrogen.

6: Accidental Release Measures

Wear appropriate protective clothing and equipment. Caution: Guar gum is ***very slippery when wet***. Suspended dust may present a serious dust explosion hazard. Sweep up or vacuum, avoiding the creation of airborne dust. Keep spilled product away from flammable and combustible materials. Use vacuum equipment specifically designed for combustible dusts. Collect into a suitable container for disposal. Wash residual traces with hot water after sweep-up is complete. Test area for residual slippery conditions.

7. Handling and Storage

Handling: Avoid generating and breathing dust. Avoid eye contact. Use with adequate local exhaust ventilation and dust collection to maintain the concentration of airborne dust below the exposure limits. If clothing becomes contaminated, remove and launder before re-use. Wash thoroughly after handling. Keep product away from oxidizers and all sources of ignition including flames, electrical sparks, hot surfaces, pilot lights, etc.

Storage: Keep product dry. Store in a cool, dry area. Keep containers closed to avoid moisture absorption.

8. Exposure Controls / Personal Protection

Engineering Controls: Consult a qualified engineer for evaluation of materials handling and explosion protection system(s).

Personal Protective Equipment (PPE):

- **Eye Protection:** Safety glasses or goggles recommended.
- **Skin Protection:** Rubber, plastic or leather gloves recommended.
- **Respiratory Protection:** If the concentrations exceed the Threshold Value Limit (TLV), a NIOSH approved dust respirator, supplied air respirator or self-contained breathing apparatus is recommended. Select appropriate respiratory protection for respirable particulates based on consideration of the airborne workplace concentrations and duration of exposure. Select and use respirators in accordance with 29 CFR 1910.134 http://www.access.gpo.gov/nara/cfr/cfr-retrieve.html#page1 , ANSI Z88.2 http://www.ansi.org/, the NIOSH Respirator Decision Logic and good industrial hygiene practice http://www.cdc.gov/niosh/homepage.html. To simplify selection of the appropriate respirator, OSHA has developed the Advisor Genius. Available online, the advisor genius allows a safety professional to input the conditions under which the respirator will be used and receive a recommendation of the type of respirator to use. The advisor also contains information about types of respirators and factors that affect respirator use. The online advisor contains a set of options as to the use of the respirator (firefighting, welding, escape purposes, confined areas) and then generates a report with the relevant OSHA standard indicated. The advisor is available at http://www.osha.gov/SLTC/etools/respiratory/respirator_selection.html.

9. Physical and Chemical Properties

Boiling Point: Not Applicable
Melting Point: Decomposes
Vapor Pressure: Not Applicable
Vapor Density (Air=1): Not Applicable
% Solubility in Water: Complete
Specific Gravity: Not applicable
% Volatile: Not applicable
Evaporation Rate (Butyl Acetate=1): Not Applicable
pH: 5-8
Octanol/Water Partition Coefficient: Not Applicable
Odor/Appearance: Creamy white powder with a bean-like odor.

10. Stability and Reactivity

Stability: Material is stable.
Incompatibility: Avoid high temperatures, sparks, open flames and moisture. Avoid contact with strong oxidizing agents.
Hazardous Reactions-Decomposition Products: Combustion may produce carbon dioxide, carbon monoxide and oxides of nitrogen.
Hazardous Polymerization: Will not occur.

11. Toxicological Information

Guar Gum: Oral rat LD50: 9.4g/kg

Guar gum is a natural food additive, although direct use in powder or pill form is banned by the FDA due to the risk of respiratory or gastrointestinal blockage

12. Ecological Information

No ecotoxicity data is available at this time.

13. Disposal Considerations

Dispose in compliance with all applicable federal, state and local regulations. Do not dump down sewers or drains as this may cause blockage.

14. Transport Information

U.S. Department of Transportation (DOT)
Proper Shipping Name: Not Regulated
Hazard Class: N/A
UN/NA Code: N/A
Packing Group: N/A
Labels Required: N/A
IMDG CODE
Proper Shipping Name: NOT REGULATED
Hazard Class: N/A
UN/NA Code: N/A
Packaging Group: N/A
Labels Required: N/A

15. Regulatory Information

Regulatory Information
The United States Food and Drug Administration, the European Economic Community and the World Health Organization accept guar gum as a food additive/ingredient providing it meets specified purity standards and dosage limitations. Maximum usage levels permitted may vary from country to country. Guar gum has been affirmed as GRAS by the United States Food & Drug Administration under title 21, CFR, part 184.1339; it is listed as item G.3 of Table IV, Division 16, of the Canadian Food and Drug Regulations and is referenced E-412 under the EEC Council Directives.

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA) Reportable Quantity:
This product is not subject to CERCLA reporting requirements as it is sold.

OSHA Hazard Categories: Irritant, Sensitizer, Target Organ Effect.

Superfund Amendments and Reauthorization Act (SARA) Title III Information:

SARA Section 311/312 Hazard Categories: Fire Hazard, Acute Health

This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313: None

15. Regulatory Information (continued)

California Proposition 65: Guar gum is not a chemical known to the State of California to cause cancer or reproductive toxicity under the "Safe Drinking Water and Toxic Enforcement Act of 1986".

Toxic Substances Control Act (TSCA): All components of this product are listed on the TSCA inventory or exempt from notification requirements.

Canadian Environmental Protection Act: All of the components of this product are listed on the Canadian Domestic Substances List or exempt from notification requirements.

European Inventory of Existing Commercial Chemical Substances (EINECS): All of the components of this product are listed on the EINECS Inventory or exempt from notification requirements.

Japan MITI: All of the components of this product are existing chemical substances as defined in the Chemical Substance Control Law.

Australian Inventory of Chemical Substances: All of the components of this product are listed on the AICS Inventory or exempt from notification requirements.

Canadian WHMIS Classification: Class B, Division 4 (Flammable Solid)

16. Other Information

NFPA Hazard Ratings:

NFPA® Flammable (combustible dust) with representative diameter less than 420 microns (40 mesh).

Health: 1	Flammability: 2	Reactivity: 0

HMIS Hazard Ratings:

Health: 1	Flammability: 1	Reactivity: 0

Abbreviations:

ACGIH	American Conference Of Governmental Industrial Hygienists
ANSI	American National Standards Institute
CAS	Chemical Abstracts Service
CDC	Centers for Disease Control and Prevention
CFR	The Code of Federal Regulations
EEC	European Economic Community
EINECS	European Inventory of Existing Commercial Chemical Substances
EPA	United States Environmental Protection Agency
FDA	United States Food and Drug Administration
HMIS	Hazardous Materials Identification System

IARC	International Agency for Research on Cancer
IMDG	International Maritime Dangerous Goods
LD50	Lethal Dose expected to cause death in 50% of the test animals
MITI	Ministry of International Trade and Industry
NFPA	National Fire Protection Association
NIOSH	CDC - National Institute for Occupational Safety
NTP	National Toxicological Program

16. Other Information -- Abbreviations (continued)

OSHA	U.S. Department of Labor, Occupational safety and health administration
PEL	OSHA - permissible exposure limit
TLV	ACGIH - threshold limit value
TWA	Time weighted average
UN/NA	United Nations / North America
US	United States
WHMIS	Workplace Hazardous Materials Information System

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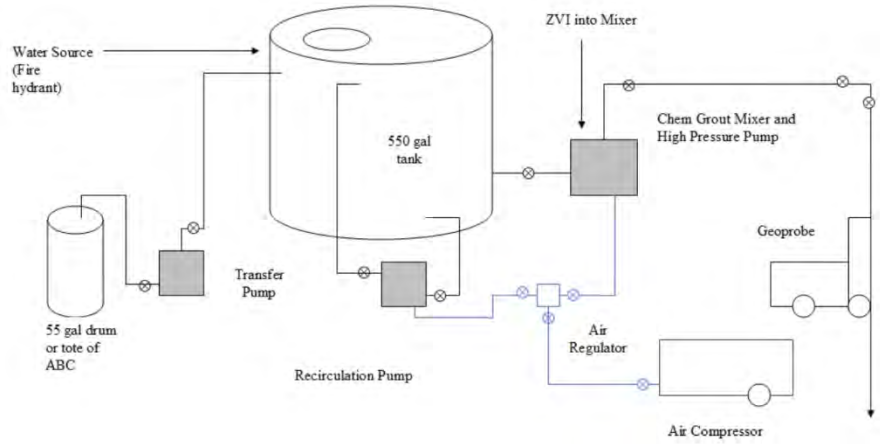
APPENDIX 5

ABC+ Injection Standard Operating Procedures

ABC+ Injections

Anaerobic BioChem, ABC® , is a patented mixture of fermentable carbon and a phosphate buffer. ABC® contains soluble glycerol as well as long-term releasing components. The phosphate buffer provides phosphates, which are a micronutrient for bioremediation. In addition, the buffer helps to maintain the pH in a range that is best suited for microbial growth. Using a Geoprobe® and proprietary injection equipment, Redox Tech is able to inject ABC® in most geologic environments, including low-permeability silt and clay. For low permeability environments, Redox Tech utilizes hydraulic fracturing.

In July 2006, the ABC formula was offered with a mixture of ZVI. The new product, marketed as ABC+, provided significant advantages over ABC alone. The ZVI provides an immediate chemical reduction of chlorinated solvents and quickly drives the *in situ* system to reducing conditions.



ABC+ injections are initiated by mixing the ABC product in a 550 gallon mixing tank. Complete mixing is achieved by use of a recirculation pump and then it is transferred into an air powered ChemGrout CG500 high pressure mixing unit. The ABC solution is mixed in the 70 gallon paddle hoppers where guar gum is used to increase the viscosity to a consistency of thin oatmeal. Guar gum can be mixed ahead in a 20 liter bucket at a thicker consistency than the ABC+ mixture. Once the viscosity is increased, the ZVI product is introduced where a slurry is formed. The slurry is transferred to the 3 inch positive placement pump and is pumped to the top of the Geoprobe rods and out of the bottom via an expendable tip, to the desired remediation zone.

The ChemGrout CG500 high pressure mixing plant unit has two 70 gallon mixing hoppers so mixing and pumping can be performed simultaneously. The Geoprobe rods are raised to other specified injection intervals to inject the ABC+ slurry to predetermined intervals.

Floor Coating and Post Construction Sampling Interim Remedial Measure Workplan (IRMWP)

Location:

11075 Walden Avenue
Alden, New York
NYSDEC BCP No. C915333

Prepared for:

Walden Realty Limited Partnership
c/o Mr. James J. Doro (Doritex Corp)
11980 Walden Avenue
Alden, New York

LaBella Project No. 2180345

September 17, 2021

Olympic Towers, 300 Pearl Street, Suite 130 | Buffalo, NY 14202 | p 716-551-6281 | f 716-551-6282
www.labellapc.com

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CERTIFICATION

I Dan Noll certify that I am currently a NYS registered professional engineer as defined in 6 NYCRR Part 375 and that this Work Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

_____

Dan Noll

Date: 9/17/2021

1.0 INTRODUCTION

Walden Realty Limited Partnership and J&M Walden Holdings Corp. (formerly named Doritex Corp.) entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) on January 19, 2018, to investigate and remediate an approximately 2.94-acre property located at 11075 Walden Avenue in the Town of Alden, Erie County, New York (hereinafter referred to as "Site"). A site location map is presented in Figure 1.

2.0 BACKGROUND

2.1 Site Description

The Site consists of one tax parcel (SBL #96.00-4-6.2) totaling 2.94 acres. The Site is located in a suburban area south of Walden Avenue and west of Commerce Drive. Figure 2 illustrates the location and boundaries of the current tax parcel configuration associated with the Site. Current Site features include one, single-story 34,858 square foot vacant commercial building (Site Building) on the central portion of the Site. Exterior areas of the Site include green space to the north, west and south of the Site Building, asphalt-paved parking areas to the east and south of the Site Building, and commercial buildings further to the east across Commerce Drive.

2.2 Site History

The Site consisted of undeveloped land from at least 1880 to at least 1951 and agricultural land from at least 1938 to at least 1951. The Site appears to have been developed with the original portion of the Site Building in at least 1964. The Site was historically utilized as a commercial laundry facility, including dry cleaning, from at least 1988 (potentially as early as the 1970s by others) through 2006. It should be noted that the Site was listed within the Federal Drycleaners, Resource Conservation and Recovery Act Generator, and Aerometric Information Retrieval System's programs associated with the dry cleaning operations. The Site also reportedly utilized a septic system prior to the mid-1980s. Floor drains noted throughout the Site Building may have previously discharged to an on-site septic system. Furthermore, former on-site operations reportedly included printing. Although available resources to date were consulted, the use of the Site Building in the 1960s is unknown. Adjacent properties have been historically utilized agriculturally and commercially.

2.3 Site Geology and Hydrogeology

According to the United States Department of Agriculture Erie County Soil Survey, soils at the Site consist mainly of Kendaia silt loam. Soils of this type are characterized by silt loam, gravelly silt loam and gravelly loam and are generally considered to be somewhat poorly drained soil. Based on the collective subsurface information obtained thus far associated with the investigation and remediation at the Site, the concrete slab of the Site Building was encountered from 0.0 to 0.6 feet below the ground surface (ft bgs), and there was a gravel sub-base to a depth of 1.0 ft bgs. Non-native materials, including asphalt-paved surface material and sub-base gravel to depths ranging from 0.3 to 0.6 ft bgs, were encountered in select exterior areas of the Site. In addition, a fill layer consisting of brown silty clay intermingled with trace gravel, rock and concrete was encountered to depths ranging from 1.0 to 2.0 ft bgs proximate the Site Building foundation areas. Native soils generally consisted of brown-red to brown-gray clayey silts and clays (some laminated at greater

depth) typical of outwash plains and alluvial fans to a depth of 35 ft bgs throughout the Site. Depth to groundwater has been measured at the Site between 1.0 and 31.5 ft bgs. Groundwater flow at the Site is generally to the west-northwest. Bedrock beneath the Site is reported to consist of Marcellus Formation black shale, limestone and sandstone, dating from the Middle Devonian period.

2.4 Previous Investigations

Lender Consulting Services, Inc. prepared a Transaction Screen Environmental Assessment Report dated May 4, 2017 which concluded that further investigation of the Site was warranted due to historical use of the Site as an industrial laundry and dry cleaning facility. Walden Realty Limited Partnership retained LaBella to perform that investigation. Based on the results of LaBella's December 4, 2017 Supplemental Phase II ESA Report, chlorinated solvent volatile organic compound (cVOC)-impacted soil, soil vapor, and groundwater were identified at the Site. Solvent type odors were encountered within soil borings advanced beneath the reported former location of a dry cleaning machine which was historically located within the west-central portion of the Site Building (i.e. Central Warehouse). As such, investigation and remediation of the Site was pursued through entrance of the Site into the NYSDEC Brownfield Cleanup Program (BCP).

2.5 BCP Remedial Investigation and Remedial Measures

Brownfield Cleanup Program Interim Remedial Measures (IRM) and Remedial Investigation (RI) tasks have been completed at the Site as generally summarized below. For complete detail regarding the IRM and RI tasks completed at the Site thus far, please refer to LaBella's Draft Interim Remedial Measures, Remedial Investigation & Alternatives Analysis Report dated November 18, 2020.

An IRM excavation was completed between May 29 and June 5, 2019 to remove cVOC impacted soil from beneath the reported former location of a dry cleaning machine which was historically located within the west portion of the Central Warehouse of the Site Building. The IRM Excavation consisted of a 1,176 square-foot area and was advanced to a maximum depth of approximately 10 ft bgs beneath the previous dry cleaner machine location and four ft bgs in the remainder of the excavation. Approximately 117.46 tons of hazardous soil and 99.34 tons of nonhazardous soils were removed from the Site and disposed of properly.

As initial assessment of the Site in 2017 revealed the presence of a cVOC impact to indoor air and sub-slab soil vapor. IRM activities included installation and subsequent activation of an SSDS within the Site Building on March 24, 2020. Performance evaluation of the SSDS system confirmed that the 20 sub-slab monitoring locations achieved negative pressures of between 0.009 and 0.885 inches of water column (wci) all exceeding the New York State Department of Health (NYSDOH) minimum negative pressure goal of 0.004 wci. Five post SSDS construction indoor air samples (ID1-A through ID5-A) were collected within the Site Building on September 11, 2020 to establish the indoor air conditions subsequent activation and continuous operation of the SSDS. Based on the laboratory results from the post SSDS construction indoor air samples, indoor air samples collected from ID2-A, ID3-A, and ID4-A identified trichloroethene (TCE) at concentrations of 3.27 micrograms per cubic meter (µg/m^3), 2.56 µg/m^3, and 2.81 µg/m^3 respectively, slightly exceeding the NYSDOH Table 3.1, August 2015 revision guidance value of 2 µg/m^3. No other analytes were detected exceeding their respective NYSDOH guidance values in the air samples collected from ID2-A, ID3-A, and ID4-A. Furthermore, no analytes were detected at concentrations exceeding NYSDOH guidance

values in the post SSDS construction indoor air samples collected from ID1-A or ID5-A. It should be noted that the post SSDS construction indoor air samples (ID2-A, ID3-A, and ID4-A) which identified TCE at concentrations exceeding the NYSDOH guidance value were all located within the northernmost portion of the Site Building within the Office portion of the Site Building (ID3-A and ID4-A) and immediately south adjacent the office portion of the Site Building (ID2-A) within the Central Warehouse of the Site Building. Evaluation of the source of the elevated concentrations of TCE identified within post SSDS construction indoor air samples ID2-A, ID3-A, and ID-4A are described in Section 2.6 below.

A RI was completed at the Site to further evaluate the surface soil, subsurface soil, groundwater, and soil vapor conditions at the Site. Soil and groundwater samples were generally collected from the Site and submitted for laboratory analysis for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), pesticides and herbicides, perfluorooctanoic acid (PFOA), perfluorooctanesulfonic acid (PFOS), and, 1,4-dioxane. Of note, groundwater samples collected from MW-12 immediately west of the IRM excavation in March 2019 and July 2019 identified tetrachloroethylene (PCE) concentrations of 1,000 micrograms per liter (µg/l) and 2,500 µg/l, respectively. To improve subsurface conditions proximate to and downgradient of the IRM Excavation and retard potential future migration of contaminants towards the western Site boundary, a Supplemental IRM was performed which included enhanced reductive dechlorination injections at 33 locations within the footprint of the IRM Excavation and proximate the west exterior of the Site Building. Post injection groundwater samples revealed a general decrease in cVOC concentrations within MW-12.

Subsequent submittal of LaBella's Draft Interim Remedial Measures, Remedial Investigation, & Alternatives Analysis Report dated November 18, 2020 to the NYSDEC, the NYSDOH provided a comment letter dated January 7, 2021. Comment #8 contained within the January 7, 2021 letter generally indicated that further indoor air monitoring and/or additional mitigation efforts were required due to the presence of TCE detected at concentrations exceeding NYSDOH Table 3.1, August 2015 revision guidance value of 2 µg/m^3 within post SSDS construction indoor air samples collected from ID2-A, ID3-A, and ID4-A. As such, additional assessment was conducted as is detailed within Section 2.6 below to evaluate the source of the TCE detected within post SSDS construction indoor air samples ID2-A, ID3-A, and ID4-A.

2.6 TCE Indoor Air Source Evaluation

In March and April 2021, additional assessment was conducted to further evaluate the source of the elevated TCE concentrations identified within the post SSDS construction indoor air samples collected from ID2-A, ID3-A, and ID4-A. It should be noted that the following was considered during evaluation of the source of the elevated TCE concentrations.

1. The concentrations of TCE detected within ID2-A (3.27 µg/m^3), ID3-A (2.56 µg/m^3), and ID4-A (2.8 µg/m^3) marginally exceeded the NYSDOH Table 3.1, August 2015 revision TCE guidance value of 2 µg/m^3.
2. The post SSDS construction indoor air samples which exceeded the NYSDOH Table 3.1, August 2015 revision TCE guidance value were all collected from the north most interior portions of the Site Building.

3. Post SSDS construction indoor air samples ID3-A and ID4-A were located within the Office portion of the Site Building. The Office has a tight building envelope, is heated by a celling mounted forced air unit that is in operation year round, and contains several interior restrooms and sinks as are summarized below.
    a. Office Women's Room - contains one bathroom toilet, one bathroom sink, and one floor drain.
    b. Office Men's Room - contains one bathroom toilet, one urinal, one bathroom sink, and one floor drain.
    c. West Office/Bathroom Shower - contains one bathroom toilet, one bathroom sink, one bathroom shower and two floor drains.
    d. Office Utility Closet – contains one sink.
    e. Office Kitchen/Breakroom – contains one sink.
    f. Production Women's Room – contains two bathroom toilet stalls, two bathroom sinks, and one floor drain.
    g. Production Men's Room – contains two bathroom toilet stalls, two urinals, two bathroom sinks, and one floor drain.

    In addition to the above, it should be noted that all interior office portions of the Site Building contain a dropped ceiling that allows for air exchange between spaces within the greater office portion of the Site Building.
4. A "Utility Room" is located immediately southwest of the greater office portion of the Site Building. It appears that the Utility Room shares a foundation with the greater office portion of the Site Building, however, interior concrete block walls and high ceilings segregate the Utility Room from the remainder of the office portion of the Site Building. The Utility Room houses the water main service to the Site Building, and a sump associated with the water main. In addition, a floor drain is located within the central portion of the Utility Room. It is further worth noting that a wall mounted "vent" is present allowing for free air exchange between the Utility Room and the immediately adjacent Office Kitchen/Breakroom located within the office portion of the Site Building. With the exception of the wall vent located between the Utility Room and adjacent Office Kitchen/Breakroom, and typical entrance and egress between the office the central warehouse, free air exchange between the office portion of the Site Building and the central warehouse of the Site Building is anticipated to be limited.
5. The sump located within the Utility Room contains water. Should the water within the sump contain cVOCs, there is the potential that the water within the sump could be contributing to TCE concentrations detected within the post SSDS construction indoor air samples collected.
6. Post SSDS construction indoor air sample ID2-A was collected immediately south of the Utility Room and immediately southwest of the greater office portion of the Site Building within the Central Warehouse.
7. One trench drain is located south of the Utility Room within the Central Warehouse, and within 10-20 feet post SSDS construction indoor air sample ID2-A.

8. Post SSDS construction indoor air samples ID1-A did not identify any analytes exceeding NYSDOH guidance values despite being located immediately above the IRM Excavation and areas of remaining residual subsurface cVOC impact. It should be noted that the original concrete floor over the IRM Excavation had been demolished, removed, and replaced with a new concrete floor as part of the IRM Excavation work/Site restoration.
9. The existing epoxy floor coating within the Central Warehouse of the Site Building is heavily damaged and in poor condition. As it has been established that a release of cVOCs had occurred proximate the IRM excavation, and there is the potential the cVOCs were handled adjacent to the IRM Excavation or other portions of the Site Building, there is the potential that the concrete floor within the Central Warehouse could contain residual concentrations of cVOCs, and that any cVOCs present within the concrete floor could potentially volatilize and influence cVOC indoor air concentrations within the Site Building.
10. All 20 SSDS monitoring locations achieved negative pressures in excess of the NYSDOH minimum negative pressure goal of 0.004 wci. Subsequent inspection of the SSDS system components in March 2021 indicated the SSDS was operating properly.

Considering the above, additional assessment of the Site was completed to evaluate a source, or factors that could be contributing to the TCE impact identified within the post SSDS construction indoor air samples ID2-A, ID3-A, and ID4-A.

2.6.1 Initial TCE Source Evaluation

On March 18, 2021 a FROG 4000 handheld gas chromatograph system was utilized to evaluate the interior spaces of the Site Building for the presence of PCE and TCE. The FROG 4000 miniaturizes components used for analytical chemistry and is capable of providing reliable data to evaluate concentrations of various analytes within soil, groundwater, and air matrices; however, was specifically factory calibrated for this project to evaluate PCE and TCE air concentrations. The FROG 4000 operates by placing a sampling probe at the desired sampling location. The FROG 4000 is then activated and an air sample is drawn into the FROG 4000 unit over a period of between five and 10 minutes. Once the sample is collected, the FROG 4000 analyzes the sample and provides a concentration for the factory calibrated analytes (in this case PCE and TCE). While a properly calibrated FROG 4000 unit is a useful tool in evaluating field conditions, it is not intended to replace laboratory analysis.

The FROG 4000 was utilized to screen various locations within the north portion of the Site Building (i.e. Office, Utility Room, north portion of Central Warehouse) with an emphasis placed on obtaining PCE and TCE concentrations within specific interior spaces and features that could potentially represent soil vapor preferential pathways such as floor drain penetrations, floor cracks/joints, etc. In addition, to evaluate whether historic handling cVOC containing chemicals within the Site Building had resulted in the presence of cVOCs within the warehouse building foundation (i.e. concrete floor), the existing epoxy floor finish was manually abraded, or chipped, using a hammer and chisel to expose a fresh concrete surface, and subsequently screened using the FROG 4000 for the presence of PCE and TCE. Figure 4 depicts the each FROG 4000 screening location and the corresponding FROG 4000 screening ID. In addition, Table 1 summarizes the concentrations of PCE and TCE detected by the FROG 4000.

To evaluate whether the water within the sump located within the Utility Room was a potential source or contributor of TCE within indoor air, one water sample (Sump 1) was collected from the sump and submitted to Alpha Analytical, Inc. for laboratory analyses for target compound list VOCs using United States Department of Environmental Protection (USEPA) method 8260. A copy of the laboratory report is included in Appendix 5.

Initial TCE Source Evaluation Results Summary

1. Ambient Indoor Air 1 collected from the east office identified TCE at a concentration of 5.37 µg/m^3 exceeding the NYSDOH guidance value of 2 µg/m^3, and is relatively consistent with the concentration of TCE detected within ID4-A of 2.81 µg/m^3.
2. Ambient Indoor Air 3 collected from the office/kitchen breakroom identified TCE at a concentration of 6.6 µg/m^3, exceeding the NYSDOH guidance value of 2 µg/m^3.
3. Ambient Indoor Air 4 collected from within the north most portion of the Central Warehouse (proximate the vending area) identified a concentration of TCE at a concentration of 1.72 µg/m^3 which does not exceed the NYSDOH guidance value of 2 µg/m^3, and is a slightly reduced concentration when compared to the TCE concentration detected within ID2-A of 3.27 µg/m^3.
4. Generally, air samples collected from Floor Drain 1, Floor Drain 2, Floor Drain 3, Floor Drain 6, located within the office women's room, office men's room, west office/bathroom shower, and the production men's room detected concentrations of TCE between 1.24 µg/m^3 and 6.34 µg/m^3. Although not all the concentrations of TCE detected from the floor drains exceed the NYSDOH guidance value of 2 µg/m^3, there is the potential that the TCE present within floor drains may be contributing to indoor air TCE concentrations within Office. It should be noted, that although the configuration of the interior sewer lines has not been confirmed, and not all interior sewer penetrations (i.e. sinks, urinals, toilet stalls) were screened with the FROG 4000, there is the potential that the sewer lines are interconnected, and for the TCE concentrations within the collective sewer penetrations to be similar and collectively contributing to indoor air TCE concentrations within the Office.
5. Floor samples collected within the north portion of the Central Warehouse and Utility Room from Floor 1, Floor 2, Floor 5, and Floor 6 detected concentrations of TCE between 4.29 µg/m^3 and 16.20 µg/m^3. In addition, PCE was detected within these floor samples at concentrations between 31.86 µg/m^3 and 1,343.46 µg/m^3. As such, it appears that the concrete within the areas tested contains residual concentrations of TCE and PCE, and it appears likely that volatilization of the residual TCE and PCE is a contributor or source of indoor air impact within the north portion of the Site Building.
6. Based on the laboratory results, with the exception of acetone detected at a concentration of 2.2 µg/l, no VOCs were detected within the water sample collected from the sump (Sump 1) within the Utility Room. It should be noted that acetone is a common laboratory contaminant and the concentration of acetone was detected below the laboratory quantitation limit. As such, the water contained within the sump does not appear to represent a potential source or act as a contributor to TCE within the indoor air.

2.6.2 Floor Drain Inspection

On April 20, 2021 a licensed plumber, Petschke Plumbing, Heating, and Air Conditioning (Petschke), mobilized to the Site to clear and inspect five floor drains located within the Office restrooms (Floor Drains 1, 2, 3, 6 and 7). The goal was to evaluate whether the floor drains contained P-traps which are typically installed as a prevention mechanism to stop the backflow of gases from a drainage system, such as a sewer line, into interior spaces. It should be noted that in order for a P-trap to function properly, the P-trap must receive water regularly (the Site Building has been vacant for several years), as the presence of water within the trap physically prevents the backflow of gasses from the sewer into the interior space. Based on the results of Petschke's assessment, it was determined that all five floor drains did contain P-traps; however, all the p-traps were dry. Each P-trap was tested for operation by pouring water into it and monitoring to ensure the water seal was maintained inside the p-trap. No leaks were discovered and the system was filled with water. In addition to the floor drains, all fixtures (toilets, sinks, urinals detailed within Section 2.6) within the Office portion of the Site Building were also filled with water to "wet" the system and fill each P-trap. LaBella remobilized to the Site in April 27, 2021 and re-wet all floor drains and fixtures by pouring several gallons of water down each fixture.

2.6.3 Vent Closure

To further inhibit air exchange between the Utility Room and south adjacent central warehouse, on April 27, 2021, the vent between the Utility Room and the immediately adjacent Office Kitchen/Breakroom located within the office portion of the Site Building was temporarily closed using a plastic contractors garbage bag and duct tape. While temporarily closing the vent, significant air exchange was observed entering the Office Kitchen/Breakroom from the Utility Room.

2.6.4 Supplemental TCE Source Evaluation

On April 30, 2021, LaBella completed a supplemental TCE source evaluation. The goals of the supplemental TCE indoor air evaluation are described below.

1. Re-evaluate the ambient indoor air within the Office and floor drains for the presence of TCE and PCE subsequent "wetting' of the interior fixture P-traps and sealing the vent present between the Utility Room and the immediately adjacent Office Kitchen/Breakroom.
2. Evaluate the horizontal extent of the TCE and PCE impact identified within the concrete floor of the north portion of the Central Warehouse (Floor 1, Floor 2, Floor 5, and Floor 6).
3. Evaluate the office foundation concrete floor for residual concentrations of TCE and PCE.

It should be noted that the methods utilized to implement the supplemental TCE source evaluation were generally consistent with the methods implemented during the March 18, 2021 initial TCE source evaluation. Due to the presence of various floor finishes within the Office (i.e. carpet and vinyl tile), a hammer drill equipped with a ½ inch diameter drill bit was utilized to perforate the floor finish, and into the concrete beneath the floor finish. Each Office floor location was subsequently screened using the FROG 4000 for the presence of PCE and TCE. Figure 4 depicts each FROG 4000 screening location and the corresponding FROG 4000 screening ID. In addition, Table 1 summarizes the concentrations of PCE and TCE detected by the FROG 4000.

Initial TCE Source Evaluation Results Summary

1. None of the ambient indoor air locations screened within the Site Building identified detectable concentrations of PCE of TCE.
2. None of the floor drain locations screened within the Site Building identified detectable concentrations of PCE of TCE.
3. Of the five additional floor samples collected from the central warehouse, only Floor 7 and Floor 8 identified detectable concentrations of PCE and TCE. Concentrations of PCE detected within Floor 7 and Floor 8 were 2.64 µg/m^3 and 2.92 µg/m^3 respectively. Concentrations of TCE detected within Floor 7 and Floor 8 were 3.97 µg/m^3 and 1.88 µg/m^3 respectively.
4. With the exception of Floor 16, none of the floor locations screened within the Office identified detectable concentrations of PCE or TCE. PCE was detected within Floor 16 at a concentration of 2.71 µg/m^3; however, below the NYSDOH guidance value of 30 µg/m^3.

2.6.5 TCE Indoor Air Source Evaluation Conclusions

Based on the collective TCE indoor air source evaluation results, Labella concludes the following.

Office

1. Subsequent "wetting" of the floor drain P-traps and fixtures (toilets, sinks, urinals) located within the Office, no detectable concentrations of PCE or TCE were identified within the floor drain or ambient indoor air samples collected from the Office. Although the source of the TCE impact as identified within post SSDS construction indoor air samples ID3-A and ID4-A cannot be confirmed, it appears that there is the potential that the floor drains and fixtures were a source or contributor to TCE within the Office indoor air, and further, that 'wetting" the floor drain P-traps and fixtures has reduced infiltration of TCE from the sewer penetrations within the Office.
2. Subsequent temporary closure of the vent present between the Utility Room and the immediately adjacent Office Kitchen/Breakroom, no detectable concentrations of PCE or TCE were identified within ambient indoor air samples collected from the Office. Although the source of the TCE impact as identified within post SSDS construction indoor air samples ID3-A and ID4-A cannot be confirmed, it appears that there is the potential that residual PCE and TCE present within the Utility Room and south adjacent Central Warehouse (as discussed in greater detail below) floor, and previous free air exchange between Utility Room and the immediately adjacent Office Kitchen/Breakroom was a source or contributor to TCE within the Office indoor air.
3. None of the floor locations screened within the Office identified detectable concentrations of TCE. As such, the presence of significant concentrations of cVOCs within the Office foundation is not suspected.

Central Warehouse & Utility Room

Detectable concentrations of PCE (maximum concentration of 1,343.46 µg/m^3) and/or TCE (maximum concentration of 16.20 µg/m^3) were generally detected within seven of the 11 floor samples collected from within the Central Warehouse and Utility Room. Although the source of the TCE impact as identified within post SSDS construction indoor air sample ID2-A cannot be confirmed, it appears that there is the potential that residual PCE and TCE present within the Utility Room and

Central Warehouse floor is a source or contributor to TCE within the Central Warehouse air. In addition, there is the potential residual PCE and TCE present within the Utility Room and Central Warehouse floor may have been contributing to indoor air concentrations of TCE detected within the Office prior to temporary closure of the vent. It should be noted that post SSDS construction indoor air sample ID2-A was collected in close proximity to floor sample Floor 2 which exhibited the highest combined total concentration of PCE and TCE of the floor samples collected.

2.7 Areas of Concern

The following areas of concern have been identified associated with the Site.

AOC #1: Impacted Indoor Ambient Air

Previous assessment of the Site revealed a soil vapor intrusion concern within the Site Building and an SSDS system was installed within the Site Building. Subsequent installation of the SSDS, as is detailed within Section 2.5 above, post SSDS construction indoor air samples ID2-A, ID3-A, and ID-4A located within the north portion of the Site Building (i.e. Office and Central Warehouse) identified TCE at concentrations slightly exceeding the NYSDOH guidance value. Based on the results of the TCE Indoor Air Source Evaluation as detailed within Section 2.6 above, implementation of an IRM is desired at this time to mitigate potential sources of TCE impact within the north portion of the Site Building.

AOC #2: Impacted Soil

An IRM excavation was advanced between May 29 and June 5, 2019 to remove cVOC impacted soil from beneath the reported former location of a dry cleaning machine which was historically located within the west-central portion of the Site Building. The IRM Excavation consisted of a 1,176 square-foot area and was advanced to a maximum depth of approximately 10 ft bgs beneath the previous dry cleaner machine location and four ft bgs in the remainder of the excavation. Approximately 117.46 tons of hazardous soil and 99.34 tons of nonhazardous soils were removed from the Site and disposed of properly. Further assessment and or remediation of AOC#2 is not being pursued at this time.

AOC #3: Impacted Groundwater

A RI was completed at the Site to further evaluate the surface soil, subsurface soil, groundwater, and soil vapor conditions at the Site. Soil and groundwater samples were generally collected from the Site and submitted for laboratory analysis for VOCs, SVOCs, metals, PCBs, pesticides and herbicides, PFOA, PFOS, and, 1,4-dioxane. Of note, groundwater samples collected from MW-12 immediately west of the IRM excavation in March 2019 and July 2019 identified PCE concentrations of 1,000 µg/l and 2,500 µg/l, respectively. To improve subsurface conditions proximate to and downgradient of the IRM Excavation and retard potential future migration of contaminants towards the west Site boundary, a Supplemental IRM was performed which included enhanced reductive dechlorination injections at 33 locations within the footprint of the IRM Excavation and proximate the west exterior of the Site Building. Post injection monitoring revealed a decrease in PCE and TCE concentrations within MW-12. Further assessment and or remediation of AOC#3 is not being pursued at this time.

2.8 *Standards, Criteria, and Guidance*

This section identifies the Standards, Criteria and Guidance (SCG) being applied for work associated within this IRMWP.

Air Guideline Value SCGs

NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006, Table 3.1, August 2015 revision air guidance values for PCE (30 µg/m^3) and TCE (2 µg/m^3).

3.0 OBJECTIVES OF IRM

The objective is to implement IRMs in attempt to reduce the indoor air TCE concentrations within the north portion of the Site Building (i.e. Office and Central Warehouse) proximate previous sampling locations ID2-A, ID3-A, and ID4-A exhibiting TCE concentrations exceeding the NYSDOH guidelines. Remedial actions proposed include removal and replacement of the existing damaged epoxy floor coating to reduce volatilization of PCE and TCE present within the concrete floor, and achieve the Soil Vapor SCGs within indoor air within the Office and Central Warehouse. To permanently inhibit air exchange between the Utility Room and south adjacent central warehouse, permanent removal and closure of the vent present between the Utility Room and the immediately adjacent Office Kitchen/Breakroom located within the Office will be completed. In addition, "wet" conditions will be maintained within the floor drains and fixtures (i.e. toilets, sinks, urinals) located within the Office. Subsequent implementation of the IRM's, the effectiveness of the IRM's will be evaluated by sampling for TCE proximate the locations (ID2-A, ID3-A and ID4-A) which previously identified concentrations of TCE exceeding the Soil Vapor SCG.

4.0 SUMMARY OF REMEDIAL ACTIVITIES

4.1 *Governing Documents*

The IRM will be completed in accordance with the Site Health and Safety Plan (HASP) and the Site-Specific Community Air Monitoring Plan (CAMP). The HASP and CAMP are included within this IRMWP. All remedial work performed under this IRM was designed to be in compliance with governmental requirements, including site worker requirements mandated by Federal Occupational Safety and Health Administration (OSHA), and NYSDEC Division of Environmental Remediation-10 (DER-10) Technical Guidance for Site Investigation and Remediation, May 2010, herein referred to as DER-10. Post IRM indoor air sampling will be completed in general conformance with NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006.

4.2 *Site Controls & Safety*

The tasks associated with this IRM will primarily be limited to interior areas of the Site Building, which will be properly secured at the end of each day by locking all doors and openings. Site workers will wear safety glasses and steel toe boots as appropriate. Personnel will don modified level C PPE to include a half face VOC rated respirator during diamond grinding activities associated with removal of the existing damaged epoxy floor coating and anytime an indoor fugitive dust hazard exists. A daily health and safety meeting will be held to review planned activities for the day, discuss

lessons learned from the previous day and address any site specific concerns.

4.3 Community Air Monitoring Plan (CAMP)

Continuous community air monitoring will be performed during the resurfacing and preparation of the existing building floor surface. During the resurfacing phase of the floor coating work, building doors will be opened to improve ventilation. A dust monitor will be placed upwind and downwind of the Site to monitor for volatile organic vapors and fugitive dust emissions. If the dust monitors detect fugitive dust or organic vapors in exceedance of NYSDEC action levels, work will be stopped and mitigation techniques immediately implemented. Mitigation techniques may include but are not limited to closing off certain building openings, changing work techniques and methods, or wetting works areas to reduce dust and vapors. LaBella will have a qualified air monitor onsite for the duration of the floor resurfacing work; however, dust monitoring is not expected to be required during application of the new epoxy floor covering. The air monitor will also serve in a construction oversight capacity to document the floor resurfacing and application of the epoxy floor covering to ensure the work is being conducted in accordance with best industry practices.

4.4 Epoxy Floor Covering

Removal and replacement of the of the existing damaged epoxy floor covering will include an area of approximately 3,100 square feet (ft^2) to include the north portion of the Central Warehouse and Utility Room. The area for the concrete floor to be treated is detailed within Figure 3 and Figure 4. The area of the floor to be treated was established based on the results of the TCE Indoor Air Source Evaluation as is detailed within Section 2.6, while also extending the footprint of the epoxy floor to the south and east to match existing concrete floor expansion joints. Removal of the existing epoxy floor and application of the new epoxy floor will be completed by a qualified floor coating contractor. The scope of work will include removal of an existing floor coating by diamond grinding and installation of a high quality two part epoxy floor coating.

Preparation of the existing floor is necessary to remove the damaged existing epoxy coating and provide a clean substrate capable of properly bonding with the new two layer epoxy coating. A diamond grinder will be utilized to remove the existing epoxy coating and smooth any irregularities in the existing floor. During the removal of the existing floor coating, dust will be managed with a collection unit attached to the grinding machine. Every effort to efficiently collect and minimize dust will be made. Dust will be handled as general construction waste and disposed of by the contractor. Cracks and large surface deviations will be filled and leveled with an epoxy mortar to ensure the new floor coating is level and will resist cracking under normal conditions. A two-step coating process will be implemented and consist of coating the floor with one coat of Sherwin Williams resuprime 3830 and one coat of Sherwin Williams resuflor 3569. Resuprime 3830 coating is a two part fast curing epoxy resin engineered to withstand vapor emissions. The topcoat will consist of Resuflor 3569 which is a low VOC LEED compliant two part multipurpose epoxy coating. The Resuflor 3569 is a low VOC epoxy that is suitable for use in USDA facilities. Product information sheets for Resuprime 3830 and Resuflor 3569 can be found in Appendix 4. Effort will be made to seal around any penetrations in the floor surface (i.e. utility, ect.). It is anticipated that one utility trench located within the Utility Room and one trench drain located within the Central Warehouse will be cleaned, filled, and covered with the epoxy coating. It is anticipated that removal and replacement of the epoxy floor coating will

take approximately five business days, and full curing of the products will take an additional seven business days.

It is anticipated that replacement of the of the existing damaged epoxy floor covering will reduce PCE and TCE indoor air concentrations within the north portion of the Central Warehouse, and reduce the likelihood of migration of PCE and TCE to other portions of the Site Building including the Office. The process of sealing joints, cracks, and penetrations in the floor will strengthen the impermeable barrier between the atmosphere and the sub-slab environment. This positive separation may improve the performance of the SSDS beneath the Site Building.

4.5 Permanent Vent Closure

A qualified contractor will be retained to remove the vent and permanently close the opening between the Utility Room and the adjacent Office Kitchen/Breakroom located within the office portion of the Site Building.

4.6 P-Trap Wetting

Prior to sampling the P-Traps will be maintained in a wet condition. Approximately one week prior to sampling the indoor air, all P-Traps will be checked for a wet condition. If dry conditions are observed during the pre-sampling inspection, water will be added to fill the appropriate P-Traps.

4.7 Post Construction Sampling

Following successful installation of the new epoxy floor covering, permanent closure of the vent, and wetting of the P-Traps, post IRM indoor air sampling will be completed to evaluate the effectiveness of the IRMs. It is anticipated that post IRM indoor air sampling will be completed during the 2021-22 heating season based on the seasonal weather conditions in western New York. After waiting a minimum of 14 days post construction, accessible exterior doors and windows will be opened for ventilation for a period of approximately 24 hour to ventilate fugitive VOC remaining in the Site Building or originating from the epoxy floor coating, and also to establish a new baseline indoor air condition. Following the successful 24 hour ventilation period, the Site Building will be closed and normal conditions resumed for a 24 hour period.

Three indoor air post IRM samples will be collected from locations consistent with indoor air samples ID2-A, ID3-A and ID4-A, and one ambient outdoor air sample will be collected from location upwind of the Site Building using a summa canister fitted with an eight hour flow regulator and submitted for laboratory analysis for TCE using USEPA Method TO-15.

5.0 IRM SCHEDULE AND REPORTING – DELIVERABLES

The information and laboratory analytical data obtained during the IRM will be included in a revised Interim Remedial Measures, Remedial Investigation, and Alternatives Analysis report (IRM/RI/AA). The revised IRM/RI/AA report will be completed in accordance with NYSDEC DER-10 Section 5.8.

It is anticipated that implementation of the IRMWP will begin within 30 days after NYSDEC-approval. Completion of the field work is anticipated to require approximately four weeks subsequent to implementation of the IRMWP *(Note: this timeframe does not include laboratory analysis).* A revised IRM/RI/AA report will be submitted within one month of receipt of laboratory analytical results.

The above schedule assumes that an addendum to the IRMWP will not be required. If an IRMWP addendum is required, it will be submitted as the need is identified and it will include a revised schedule.

In addition to the revised IRM/RI/AA report, all data will also be submitted in the NYSDEC-approved EDD format. The data will be submitted within two months of receipt from the laboratory. It is not anticipated that data validation will be required for this IRMWP sampling

FIGURES

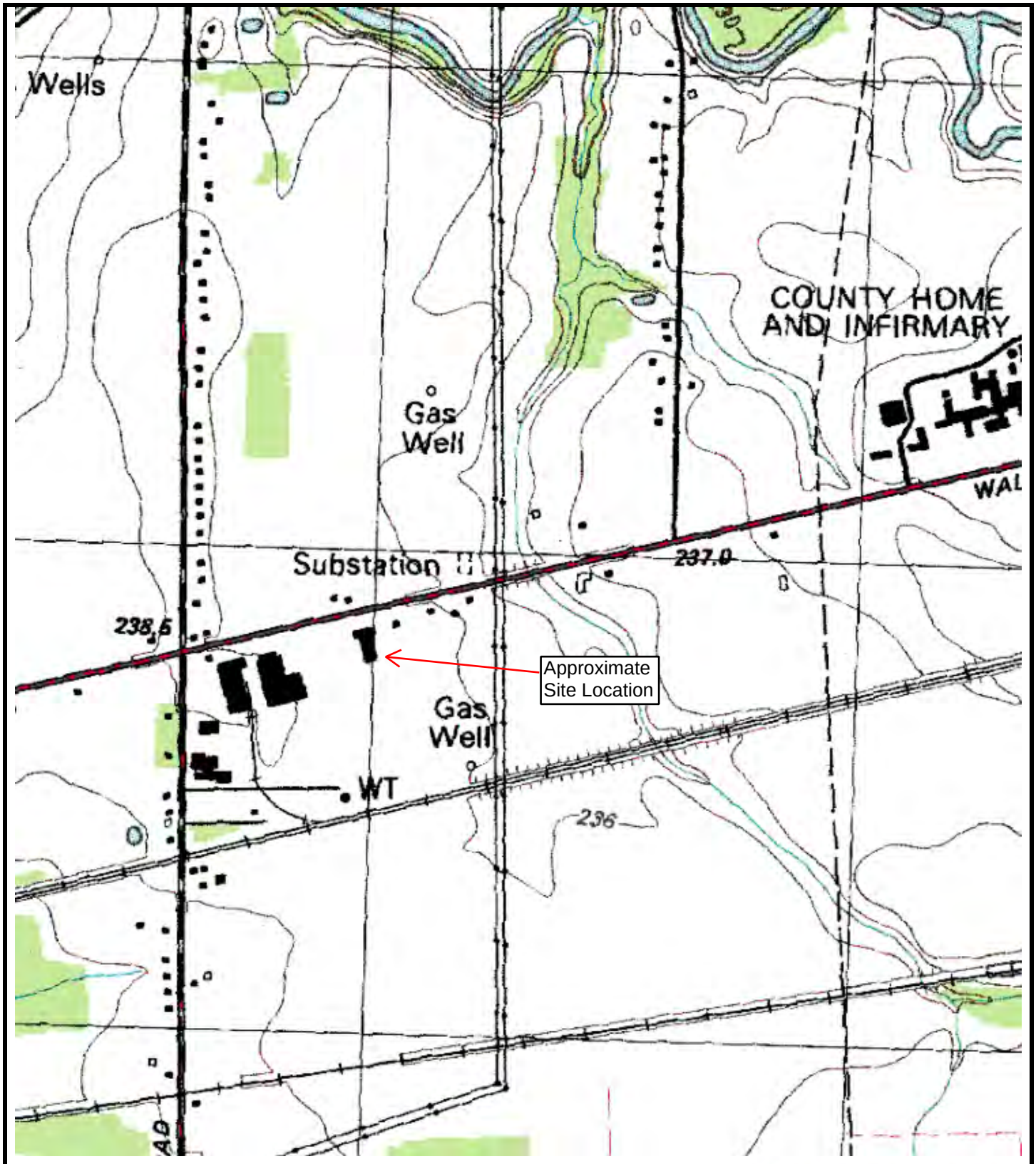

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FIGURE 1
SITE LOCATION MAP

11075 Walden Avenue
Alden, New York

LaBella
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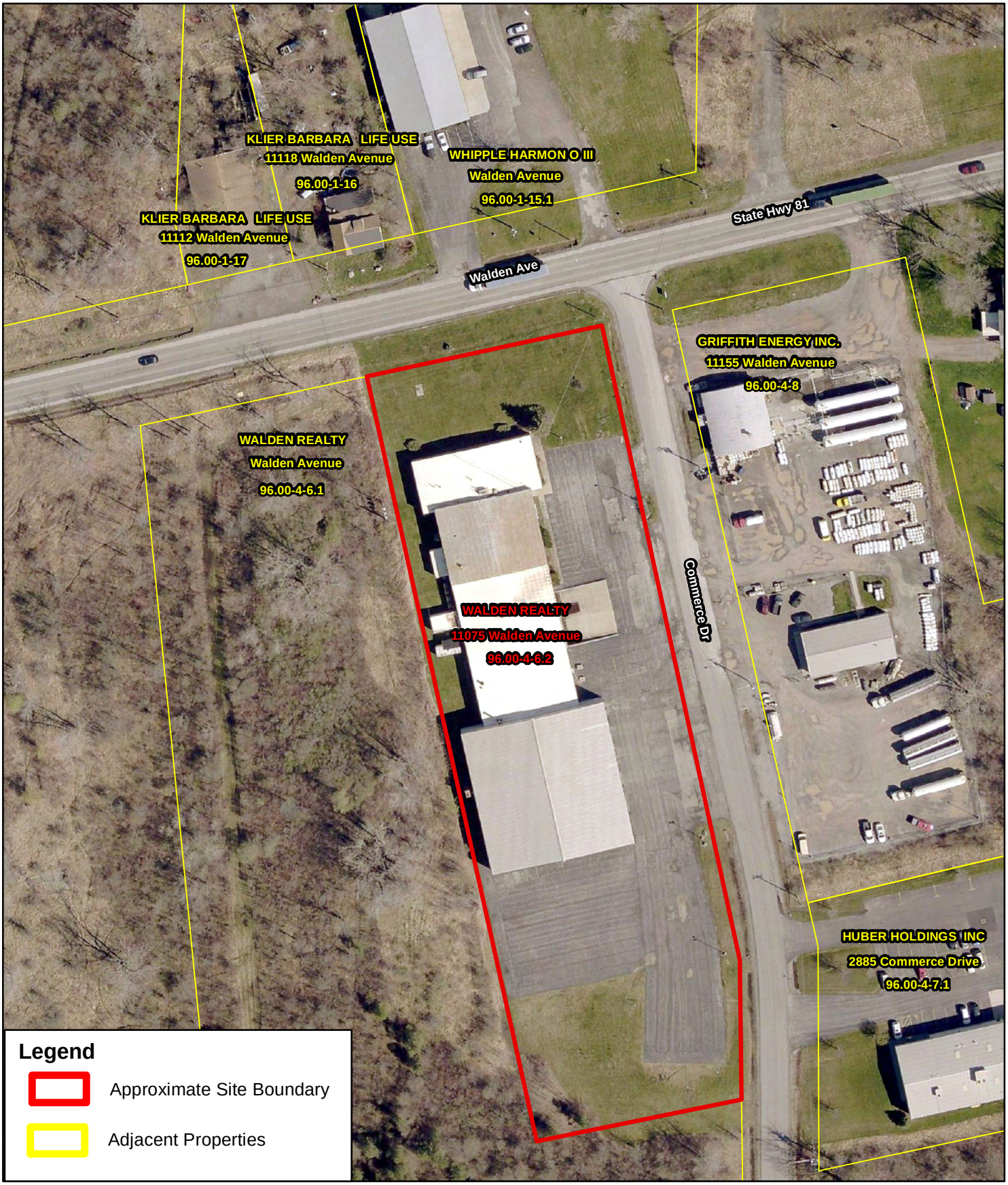
PROJECT NO. 2180605



Path: J:\Walden Realty\2180605 - 11075 Walden Ave BCP\Reports\IRM Report\Figures\Map.2019.6.11.Fig2.SiteBaseMap.mxd

PROJECT #/DRAWING #/DATE:	DRAWING TITLE	PROJECT:
2180605 FIGURE 2 7/26/2021	SITE BASE MAP	INTERIM REMEDIAL MEASURES REPORT 11075 WALDEN AVENUE ALDEN, NEW YORK

N
W E
S

0 30 60
Feet

1 inch = 108 feet

INTENDED TO PRINT AS: 8.5" X 11"

LaBella
Powered by partnership.

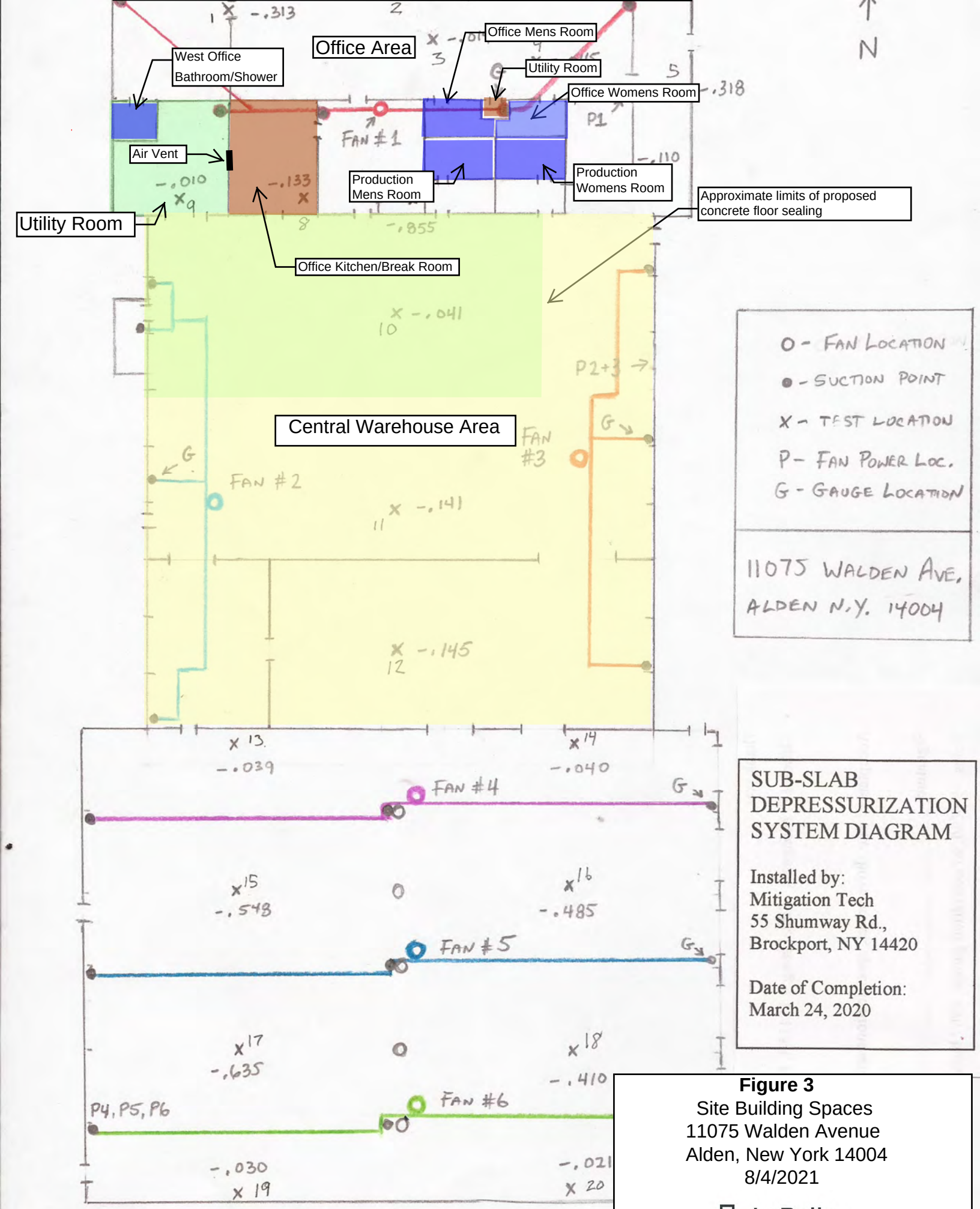


Figure 3
Site Building Spaces
11075 Walden Avenue
Alden, New York 14004
8/4/2021

LaBella
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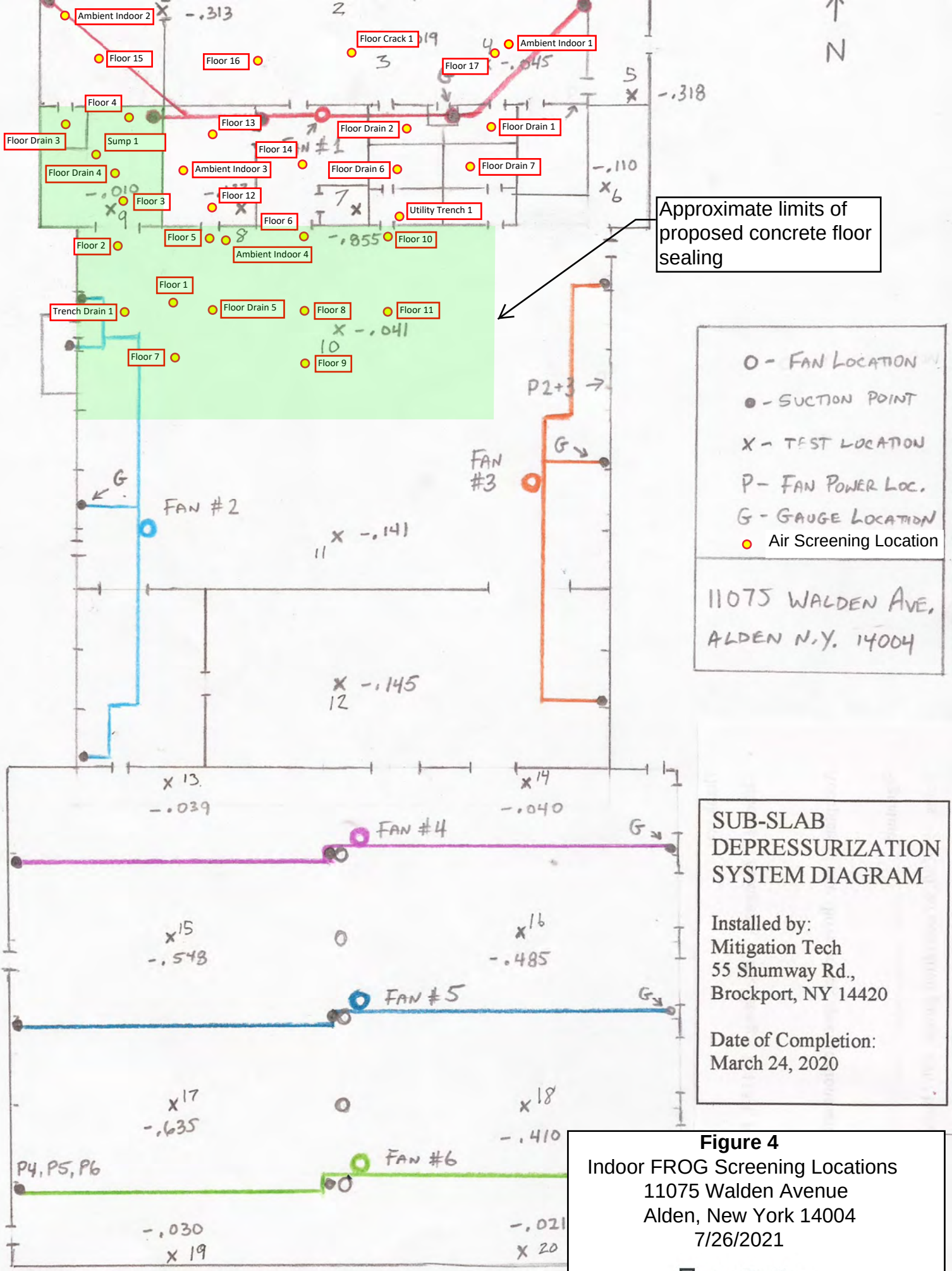

Figure 4
Indoor FROG Screening Locations
11075 Walden Avenue
Alden, New York 14004
7/26/2021

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TABLES

Table 1

11075 Walden Avenue

Alden, New York

Summary of FROG Screening Results

(TCE and PCE Only)

Sample ID	Location	Air Sample Date	LOG ID	Approximate Sample Time	TCE Concentration (µg/m³)	PCE Concentration (µg/m³)
Ambient Indoor Air 1	East Office	3/18/2021	221	9:20am	5.37	8.54
Ambient Indoor Air 1	East Office	4/30/2021	786	9:27am	ND	ND
Ambient Indoor Air 2	West Office	3/18/2021	222	9:33am	ND	ND
Ambient Indoor Air 2	West Office	4/30/2021	787	9:38am	ND	ND
Ambeint Indoor Air 3	Office Kitchen/Break Room	3/18/2021	231	12:38pm	6.6	ND
Ambient Indoot Air 3	Office Kitchen/Break Room	4/30/2021	788	9:51am	ND	ND
Ambient Indoor Air 4	North of IRM Excation/Vending Area	3/18/2021	232	12:51pm	1.72	ND
Ambient Indoor Air 4	North of IRM Excation/Vending Area	4/30/2021	789	10:03am	ND	ND
Floor Crack 1	Center Office	3/18/2021	233	1:03pm	ND	ND
Floor Drain 1	Office Womens Room	3/18/2021	234	1:17pm	2.2	ND
Floor Drain 1	Office Womens Room	4/23/2021	790	10:15am	ND	ND
Floor Drain 2	Office Mens Room	3/18/2021	236	1:45pm	6.34	9.22
Floor Drain 2	Office Mens Room	4/30/2021	791	10:39am	ND	ND
Floor Drain 3	West Office Bathroom/Shower	3/18/2021	237	2:00pm	1.24	ND
Floor Drain 3	West Office Bathroom/Shower	4/30/2021	792	10:53am	ND	ND
Floor Drain 4	Mechanical/Water Main Room	3/18/2021	239	2:29pm	ND	ND
Floor Drain 5	Northeast of IRM Excation/South of Vending Area	3/18/2021	240	2:48pm	ND	ND
Floor Drain 6	Production Mens Room	3/18/2021	243	3:27pm	1.87	ND
Floor Drain 6	Production Mens Room	4/30/2021	793	11:07am	ND	ND
Floor Drain 7	Production Womens Room	3/18/2021	244	3:40pm	ND	ND
Floor Drain 7	Production Womens Room	4/30/2021	794	11:17am	ND	ND
Sump 1	Mechanical/Water Main Room	3/18/2021	238	2:17pm	ND	ND
Trench Drain 1	North of IRM/South of Mechanical/Water Main Room	3/18/2021	241	3:01pm	ND	ND
Utility Trench 1	Production Mens Room	3/18/2021	242	3:15pm	ND	ND
Floor 1	South of Vending Area	3/18/2021	245	3:53pm	4.29	49.02
Floor 2	South of Utility/Water Main Room	3/18/2021	246	4:12pm	12.83	1,343.46
Floor 3	Center Utility/Water Main Room	3/18/2021	247	4:25pm	ND	8.54
Floor 4	Northeast Mechanical/Water Main Room	3/18/2021	248	4:38pm	ND	ND
Floor 5	South of Kitchen/Brake Room	3/18/2021	249	4:50pm	16.20	189.43
Floor 6	South of Middle Office	3/18/2021	250	5:04pm	4.88	31.86
Floor 7	15 Feet South of Floor 1	4/30/2021	795	11:31am	3.97	2.64
Floor 8	15 Feet South of Floor 6	4/30/2021	797	11:56am	1.88	2.92
Floor 9	15 Feet South of Floor 8	4/30/2021	798	12:06pm	ND	ND
Floor 10	South of Production Mens Room	4/30/2021	799	12:14pm	ND	ND
Floor 11	15 Feet South of Floor 10	4/30/2021	800	12:36pm	ND	ND
Floor 12	South Kitchen/Break Room	4/30/2021	801	12:48pm	ND	ND
Floor 13	North Kitchen/Break Room	4/30/2021	802	1:00pm	ND	ND
Floor 14	South Office	4/30/2021	803	1:15pm	ND	ND
Floor 15	West Office	4/30/2021	804	1:24pm	ND	ND
Floor 16	Center Office	4/30/2021	805	1:36pm	ND	2.71
Floor 17	East Office	4/30/2021	806	1:47pm	ND	ND

Concentrations of trichloroethylene (TCE) and tetrachloroethylene (PCE) reported above are based on FROG-4000 results and are reported in micrograms per cubic meter (µg/m³)

ND = Not detected

APPENDIX 1

Health and Safety Plan
(HASP)

Site Health and Safety Plan

Location:

11075 Walden Avenue
Alden, New York 14004

Prepared For:

Mr. Jim Doro
Walden Realty Limited Partnership/Doritex Corp.
11980 Walden Avenue
Alden, New York

LaBella Project No. 2180605

July 2021

Olympic Towers, 300 Pearl Street, Suite 130 | Buffalo, NY 14202 | p 716-551-6281 | f 716-551-6282
www.labellapc.com

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6.0 Work Zones 4

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Tables

Table 1 Exposure Limits and Recognition Qualities

SITE HEALTH AND SAFETY PLAN

Project Title:	11075 Walden Avenue - Brownfield Cleanup Program
Project Number:	2180605
Project Location (Site):	11075 Walden Avenue, Alden, New York 14004
Environmental Director:	Rob Napieralski
Project Manager:	Adam Zebrowski
Plan Review Date:	_____
Plan Approval Date:	_____
Plan Approved By:	_____ Mr. Richard Rote, CIH
Site Safety Supervisor:	Chris Kibler
Site Contact:	Jim Doro, Doritex Corp.
Safety Director:	Rick Rote, CIH
Proposed Date(s) of Field Activities:	To Be Determined
Site Conditions:	2.6± acres; Current Site features include green space to the north, west and south of the Site Building and asphalt-paved parking areas to the east and south of the Site Building.
Site Environmental Information Provided By:	❑ Limited Environmental Due Diligence: Transaction Screen report, 11075 Walden Avenue, Alden, New York, prepared by Lender Consulting Services, Inc. dated May 4, 2017 ❑ Supplemental Phase II Environmental Site Assessment report, 11075 Walden Avenue, Alden, New York, prepared by LaBella Associates, D.P.C. dated December 4, 2017
Air Monitoring Provided By:	LaBella Associates, D.P.C.
Site Control Provided By:	LaBella Environmental, LLC

EMERGENCY CONTACTS

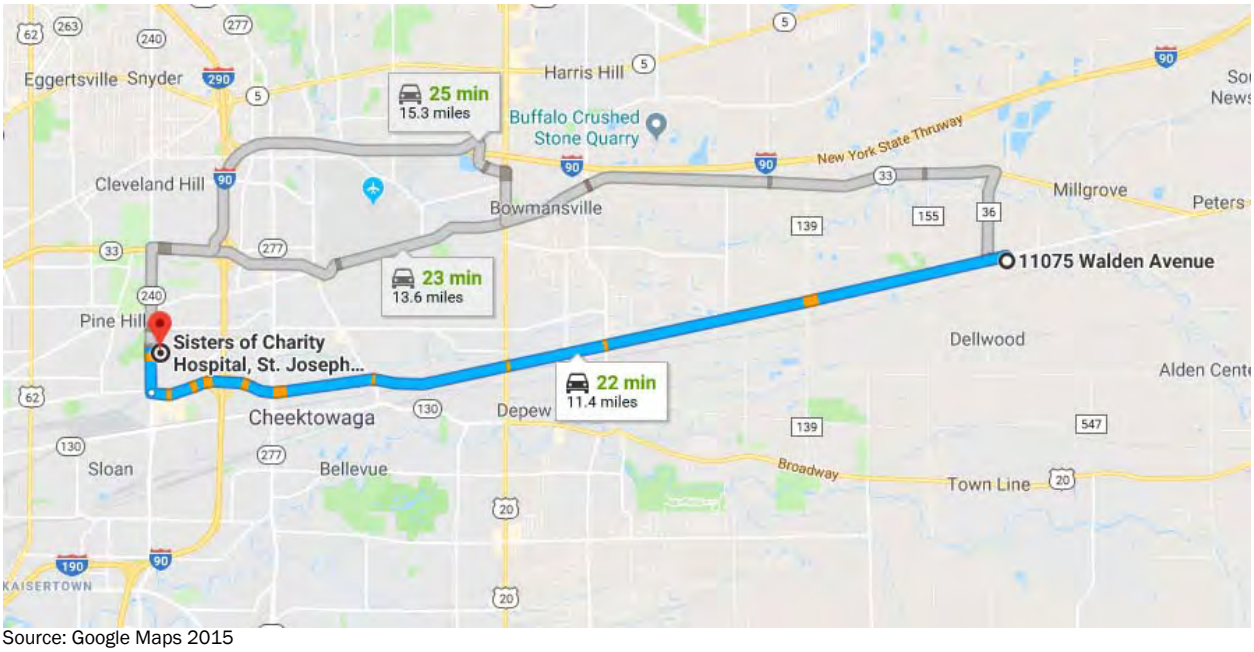
	Name	Phone Number
Ambulance:	As Per Emergency Service	911
Hospital Emergency:	St. Joseph's Hospital	716-891-2606
Poison Control Center:	National Poison Control Center (serving Buffalo Area)	800-222-1222
Police (local, state):	Erie County Sheriff's Department	716-937-7675
Fire Department:	Alden Village Fire Department	716-937-9319
Site Contact:	Jim Doro, Doritex Corp.	716-684-6600
Agency Contact:	NYSDEC – Anthony Lopes NYSDOH – To Be Determined	716-851-7220 To Be Determined
Environmental Director:	Rob Napieralski	Direct: 716-551-6283
Project Manager:	Adam Zebrowski	Direct: 716-840-2548
Site Safety Supervisor:	Brandon Mikolin	Direct: 716-422-2815
Safety Director	Rick Rote, CIH (LaBella)	Direct: 704-941-2123

MAP AND DIRECTIONS TO THE MEDICAL FACILITY
- ST. JOSEPH'S HOSPITAL

11075 Walden Ave

Alden, NY 14004

1. Head west on Walden Ave toward Town Line Rd
   Pass by AutoZone (on the left in 6.4 mi)
2. Turn right onto Harlem Rd



Source: Google Maps 2015

1.0 INTRODUCTION

The purpose of this Health and Safety Plan (HASP) is to provide guidelines for responding to potential health and safety issues that may be encountered during the Interim Remedial Measure (IRM) at 11075 Walden Avenue in the Town of Alden, Erie County, New York (Site). This HASP only reflects the policies of LaBella Associates, D.P.C. The requirements of this HASP are applicable to all approved LaBella personnel at the work Site. This document's project specifications, and the Community Air Monitoring Plan (CAMP), are to be consulted for guidance in preventing and quickly abating any threat to human safety or the environment. The provisions of the HASP do not replace or supersede any regulatory requirements of the United States Environmental Protection Agency, New York State Department of Environmental Conservation, Occupational Safety and Health Administration or other regulatory bodies.

2.0 RESPONSIBILITIES

This HASP presents guidelines to minimize the risk of injury to project personnel, and to provide rapid response in the event of injury. The HASP is applicable only to activities of approved LaBella personnel and their authorized visitors. The Project Manager shall implement the provisions of this HASP for the duration of the project. It is the responsibility of LaBella employees to follow the requirements of this HASP, and all applicable company safety procedures.

3.0 ACTIVITIES COVERED

The activities covered under this HASP are limited to the following:

- Management of environmental investigation and remediation activities
- Environmental Monitoring
- Collection of samples
- Management of excavated soil and liquid waste (groundwater)

4.0 WORK AREA ACCESS AND SITE CONTROL

The contractor(s) will have primary responsibility for work area access and Site control.

5.0 POTENTIAL HEALTH AND SAFETY HAZARDS

This section lists some potential health and safety hazards that project personnel may encounter at the project Site and some actions to be implemented by approved personnel to control and reduce the associated risk to health and safety. This is not intended to be a complete listing of any and all potential health and safety hazards. New or different hazards may be encountered as Site environmental and Site work conditions change. The suggested actions to be taken under this plan are not to be substituted for good judgment on the part of project personnel. At all times, the Site Safety Officer has responsibility for Site safety and his instructions must be followed.

5.1 *Hazards Due to Heavy Machinery*

Potential Hazard:

Heavy machinery including drilling rigs, excavators, trailers, etc. will be in operation at the Site. The presence of such equipment presents the danger of being struck or crushed and can also create noise pollution. Use caution when working near heavy machinery.

Protective Action:

Make sure that operators are aware of your activities, and heed operator's instructions and warnings. Wear bright colored clothing and walk safe distances from heavy equipment. A hard hat, safety glasses, steel toe shoes and ear protection are required.

5.2 *Excavation Hazards*

Potential Hazard:

Excavations and trenches can collapse, causing injury or death. Edges of excavations can be unstable and collapse. Toxic and asphyxiant gases can accumulate in confined spaces and trenches. Excavations that require working within the excavation will require air monitoring in the breathing zone (refer to Section 9.0).

Excavations left open create a fall hazard which can cause injury or death.

Protective Action:

Personnel must receive approval from the Project Manager to enter an excavation for any reason. Subsequently, approved personnel are to receive authorization for entry from the Site Safety Officer. Approved personnel are not to enter excavations over 4 feet in depth unless excavations are adequately sloped. Additional personal protective equipment may be required based on the air monitoring.

While shoring is planned for the proposed excavation, personnel should exercise caution near all excavations at the Site as excavation sidewalls may become unstable. Do not proceed closer than 3 feet to an unsupported or non-sloped excavation side wall. The contractor will be responsible to ensure that all excavations are left in a safe condition.

Excavations shall be backfilled immediately following completion. If this is not possible, fencing and/or barriers accompanied by "no trespassing" signs should be placed around all excavations when left open for any period of time when work is not being conducted.

5.3 *Cuts, Punctures and Other Injuries*

Potential Hazard:

In any excavation and construction work Site there is the potential for the presence of sharp or jagged edges on rock, metal materials, and other sharp objects. Serious cuts and punctures can result in loss of blood and infection.

Protective Action:

The Project Manager is responsible for making First Aid supplies available at the work Site to treat minor injuries. The Site Safety Officer is responsible for arranging the transportation of authorized on-site personnel to medical facilities when First Aid treatment in not sufficient. Do not move seriously injured workers. All injuries requiring treatment are to be reported to

the Project Manager. Serious injuries are to be reported immediately to the Site Safety Officer.

5.4 Injury Due to Exposure of Chemical Hazards

Potential Hazards:

Contaminants identified in testing locations at the Site include various chlorinated solvent volatile organic compounds (VOCs). Volatile organic vapors, chlorinated solvents or other chemicals may be encountered during subsurface activities at the project work Site. Inhalation of high concentrations of volatile organic vapors can cause headache, stupor, drowsiness, confusion and other health effects. Skin contact can cause irritation, chemical burn, or dermatitis. In addition, as subsurface activities will take place within the Site Building, there is the potential for carbon monoxide build-up to occur as a result of machinery operation. Inhalation of high concentrations of carbon monoxide can cause headache, stupor, drowsiness, confusion and other health effects including death.

Protective Action:

The use of properly selected Personal Protective Equipment (PPE), adherence to standard health and safety pre-cautions (e.g., no smoking or eating within work area or prior to personal decontamination), and implementation of routine dust suppression methods will effectively minimize exposure to the known contaminants on-site.

The presence of organic vapors may be detected by their odor and by monitoring instrumentation. Approved employees will not work in environments where hazardous concentrations of organic vapors are present. Air monitoring (refer to Section 9.0) of the work area will be performed at least every 60 minutes or more often using a Photoionization Detector (PID). Personnel are to leave the work area whenever PID measurements of ambient air exceed 25 parts per million (ppm) consistently for a 5 minute period. In the event that sustained total volatile organic compound (VOC) readings of 25 ppm are encountered personnel should upgrade personal protective equipment to Level C (refer to Section 8.0) and an Exclusion Zone should be established around the work area to limit and monitor access to this area (refer to Section 6.0).

As the potential for Carbon monoxide build-up exists during subsurface activities, the work area will be properly ventilated in real-time. Carbon monoxide concentrations will also be evaluated at least every 60 minutes or more often using a Carbon Monoxide detector. If concentrations of carbon monoxide are identified in exceedance of 10 ppm during subsurface activities, additional ventilation of the work area will be required prior to commencing with such.

5.5 Injuries due to extreme hot or cold weather conditions

Potential Hazards:

Extreme hot weather conditions can cause heat exhaustion, heat stress and heat stroke or extreme cold weather conditions can cause hypothermia.

Protective Action:

Precaution measures should be taken such as dress appropriately for the weather conditions and drink plenty of fluid. If personnel should suffer from any of the above conditions, proper techniques should be taken to cool down or heat up the body and taken to the nearest hospital if needed.

5.6 Injuries due to Saw Cutting of Concrete Surfaces

Potential Hazards:

As saw cutting of the interior concrete slab will be required in order to proceed with the excavation of chlorinated solvent VOC-impacted soils beneath the Site Building, there is the potential for worker exposure to silica dust.

Protective Action:

It is recommended that approved personnel conducting saw cutting activities wear at a minimum a ½ face respirator with organic vapor cartridges. On-site personnel not associated with saw cutting activities should remain a safe distance and (if applicable) upwind from the work area during such to avoid exposure to potential silica dust.

6.0 WORK ZONES

In the event that conditions warrant establishing various work zones (i.e., based on hazards - Section 5.0), the following work zones should be established:

Exclusion Zone (EZ):

The EZ will be established in the immediate vicinity and adjacent downwind direction of Site activities that elevate breathing zone VOC concentrations to unacceptable levels based on field screening. These Site activities include contaminated soil excavation and soil sampling activities. If access to the Site is required to accommodate non-project related personnel then an EZ will be established by constructing a barrier around the work area (yellow caution tape and/or construction fencing). The EZ barrier shall encompass the work area and any equipment staging/soil staging areas necessary to perform the associated work. The contractor(s) will be responsible for establishing the EZ and limiting access to approved personnel. Depending on the condition for establishing the EZ, access to the EZ may require adequate PPE (e.g., Level C).

Contaminant Reduction Zone (CRZ):

The CRZ will be the area where personnel entering the EZ will don proper PPE prior to entering the EZ and the area where PPE may be removed. The CRZ will also be the area where decontamination of equipment and personnel will be conducted as necessary.

7.0 DECONTAMINATION PROCEDURES

Upon leaving the work area, approved personnel shall decontaminate footwear as needed. Under normal work conditions, detailed personal decontamination procedures will not be necessary. Work clothing may become contaminated in the event of an unexpected splash or spill or contact with a contaminated substance. Minor splashes on clothing and footwear can be rinsed with clean water. Heavily contaminated clothing should be removed if it cannot be rinsed with water. Personnel assigned to this project should be prepared with a change of clothing whenever on Site.

Personnel will use the contractor's disposal container for disposal of PPE.

8.0 PERSONAL PROTECTIVE EQUIPMENT

Generally, Site conditions at this work Site require level of protection of Level D or modified Level D; however, air monitoring will be conducted to determine if up-grading to Level C PPE is required (refer to Section 9.0). Descriptions of the typical safety equipment associated with Level D and Level C are provided below:

Level D:

Hard hat, safety glasses, rubber nitrile sampling gloves, steel toe construction grade boots, etc.

Level C:

Level D PPE and full or ½-face respirator and tyvek suit (if necessary). [*Note: Organic vapor cartridges are to be changed after each 8-hours of use or more frequently.*]

9.0 AIR MONITORING

According to 29 CFR 1910.120(h), air monitoring shall be used to identify and quantify airborne levels of hazardous substances and health hazards in order to determine the appropriate level of employee protection required for personnel working onsite. Air monitoring will consist at a minimum of the procedure listed below. Air monitoring instruments will be calibrated and maintained in accordance with the manufacturer's specifications.

The Air Monitor will utilize a PID to screen the ambient air in the work areas (drilling, excavation, soil staging, and soil grading areas) for total VOCs, DustTrak tm Model 8520 aerosol monitors or equivalent for measuring particulates and a carbon monoxide detector for total carbon monoxide concentrations. Work area ambient air will generally be monitored in the work area and downwind of the work area. Air monitoring of the work areas and downwind of the work areas will be performed at least every 60 minutes using a PID, the DustTrak meter and a carbon monoxide detector.

If sustained PID readings of greater than 25 ppm are recorded in the breathing zone, either personnel are to leave the work area until satisfactory readings are obtained or approved personnel may re-enter the work areas wearing at a minimum a ½ face respirator with organic vapor cartridges for an 8-hour duration (i.e., upgrade to Level C PPE). Organic vapor cartridges are to be changed after each 8-hour use or more frequently, if necessary. If PID readings are sustained, in the work area, at levels above 50 ppm for a 5 minute average, work will be stopped immediately until safe levels of VOCs are encountered or additional PPE will be required (i.e., Level B).

As the potential for Carbon monoxide build-up exists during subsurface activities, the work area will be properly ventilated in real-time. If concentrations of carbon monoxide are identified in exceedance of 10 ppm during subsurface activities, additional ventilation of the work area will be required prior to commencing with such.

10.0 EMERGENCY ACTION PLAN

In the event of an emergency, employees are to turn off and shut down all powered equipment and leave the work areas immediately. Employees are to walk or drive out of the Site as quickly as possible, wait at the assigned "safe area" and follow the instructions of the Site Safety Officer.

Employees are not authorized or trained to provide rescue and medical efforts. Rescue and medical efforts will be provided by local authorities.

11.0 MEDICAL SURVEILLANCE

Medical surveillance will be provided to all employees who are injured due to overexposure from an emergency incident involving hazardous substances at this Site.

12.0 EMPLOYEE TRAINING

Personnel who are not familiar with this Site plan will receive training on its entire content and organization before working at the Site.

Individuals involved with the remedial investigation must be 40-hour OSHA HAZWOPER trained with current 8-hour refresher certification.

Table 1
Exposure Limits and Recognition Qualities

Compound	PEL-TWA (ppm)(b)(d)	TLV-TWA (ppm)(c)(d)	STEL (ppm)(b)	LEL (%)(e)	UEL (%)(f)	IDLH (ppm)(g)(d)	Odor	Odor Threshold (ppm)	Ionization Potential
Acetone	750	500	NA	2.15	13.2	20,000	Sweet	4.58	9.69
Anthracene	.2	.2	NA	NA	NA	NA	Faint aromatic	NA	NA
Benzene	1	0.5	5	1.3	7.9	3000	Pleasant	8.65	9.24
Benzo (a) pyrene (coal tar pitch volatiles)	0.2	0.1	NA	NA	NA	700	NA	NA	NA
Benzo (a)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (b) Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (g,h,i)perylene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (k) Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	NA	NA	NA	NA	NA	NA	NA	NA	10.88
Carbon Disulfide	20	1	NA	1.3	50	500	Odorless or strong garlic type	.096	10.07
Chlorobenzene	75	10	NA	1.3	9.6	2,400	Faint almond	0.741	9.07
Chloroform	50	2	NA	NA	NA	1,000	ethereal odor	11.7	11.42
Chrysene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethylene	200	200	NA	9.7	12.8	400	Acrid	NA	9.65
1,2-Dichlorobenzene	50	25	NA	2.2	9.2		Pleasant		9.07
Ethyl Alcohol	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100	100	NA	1.0	6.7	2,000	Ether	2.3	8.76
Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropyl Alcohol	400	200	500	2.0	12.7	2,000	Rubbing alcohol	3	10.10
Isopropylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	500	50	NA	12	23	5,000	Chloroform-like	10.2	11.35
Naphthalene	10, Skin	10	NA	0.9	5.9	250	Moth Balls	0.3	8.12
n-propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphoric Acid	1	1	3	NA	NA	10,000	NA	NA	NA
Polychlorinated Biphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium Hydroxide	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethane	NA	NA	NA	NA	NA	NA	Sweet	NA	NA
Toluene	100	100	NA	0.9	9.5	2,000	Sweet	2.1	8.82
Trichloroethylene	100	50	NA	8	12.5	1,000	Chloroform	1.36	9.45
1,2,4-Trimethylbenzene	NA	25	NA	0.9	6.4	NA	Distinct	2.4	NA
1,3,5-Trimethylbenzene	NA	25	NA	NA	NA	NA	Distinct	2.4	NA
Vinyl Chloride	1	1	NA	NA	NA	NA	NA	NA	NA
Xylenes (o,m,p)	100	100	NA	1	7	1,000	Sweet	1.1	8.56
Metals									
Arsenic	0.01	0.2	NA	NA	NA	100, Ca	NA	NA	NA
Cadmium	0.2	0.5	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	1	0.5	NA	NA	NA	NA	NA	NA	NA
Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.05	0.15	NA	NA	NA	700	NA	NA	NA
Mercury	0.05	0.05	NA	NA	NA	28	NA	NA	NA
Selenium	0.2	0.02	NA	NA	NA	Unknown	NA	NA	NA

(a) Skin = Skin Absorption
(b) OSHA-PEL Permissible Exposure Limit (flame weighted average, 8-hour): NIOSH Guide, June 1990
(c) ACGIH – 8 hour time weighted average from Threshold Limit Values and Biological Exposure Indices for 2003.
(d) Metal compounds in mg/m3
(e) Lower Exposure Limit (%)
(f) Upper Exposure Limit (%)
(g) Immediately Dangerous to Life or Health Level: NIOSH Guide, June 1990.

Notes:
1. All values are given in parts per million (PPM) unless otherwise indicated.
2. Ca = Possible Human Carcinogen, no IDLH information.

APPENDIX 2

Community Air Monitoring Plan
(CAMP)

Site Community Air Monitoring Plan

Location:

11075 Walden Avenue
Alden, New York 14004

Prepared for:

Mr. Jim Doro
Walden Realty Limited Partnership/Doritex Corp.
11980 Walden Avenue
Alden, New York

LaBella Project No. 2180605

July 2020

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List of Attachments

Attachment 1: NYSDOH Community Air Monitoring Plan
Attachment 2: NYSDEC Fugitive Dust and Particulate Monitoring Plan

1.0 INTRODUCTION

The purpose of this Site Community Air Monitoring Plan (CAMP) is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of remedial work activities at the Site located at 11075 Walden Avenue in the Town of Alden, Erie County, New York. This Site-Specific Air Monitoring Program (SSAMP) is not intended for use in establishing action levels for worker respiratory protection.

This SSAMP requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust), at the downwind perimeter of each designated work area when certain activities are in progress at the Site. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the SSAMP will help to confirm that work activities have not spread contamination off-site through the air.

2.0 RESPONSIBILITIES

This SSAMP is applicable to the remedial activities of contractors, engineers, consultants, facility employees, and their authorized visitors. The Project Manager shall implement the provisions of this SSAMP for the duration of the project. It is the responsibility of all remedial workers to follow the requirements of this SSAMP, and all applicable air safety procedures.

3.0 ACTIVITIES COVERED

The activities covered under this SSAMP include the following:

- Management of environmental investigation and remediation activities
- Environmental monitoring
- Collection of samples
- Management of excavated soil and liquid waste (groundwater)

4.0 WORK AREA ACCESS AND SITE CONTROLS

The contractor(s) will have primary responsibility for work area access and site control.

5.0 VOLATILE ORGANIC COMPOUND MONITORING

Monitoring for VOCs will be implemented in accordance with the New York State Department of Health (NYSDOH) Generic Community Air Monitoring Plan, which is included in Attachment 1.

6.0 PARTICULATE MONITORING

Monitoring for dust will be implemented in accordance with the NYSDOH Generic Community Air Monitoring Plan (Attachment 1) as well as New York State Department of Environmental Conservation's Fugitive Dust and Particulate Monitoring (Attachment 2).

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Attachment 1
New York State Department of Health
Generic Community Air Monitoring Plan

Overview

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. “Periodic” monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or

overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

December 2009

ATTACHMENT 2

NYSDEC Fugitive Dust and Particulate Monitoring Plan

Attachment 2
Fugitive Dust and Particulate Monitoring

A program for suppressing fugitive dust and particulate matter monitoring at hazardous waste sites is a responsibility on the remedial party performing the work. These procedures must be incorporated into appropriate intrusive work plans. The following fugitive dust suppression and particulate monitoring program should be employed at sites during construction and other intrusive activities which warrant its use:

1. Reasonable fugitive dust suppression techniques must be employed during all site activities which may generate fugitive dust.

2. Particulate monitoring must be employed during the handling of waste or contaminated soil or when activities on site may generate fugitive dust from exposed waste or contaminated soil. Remedial activities may also include the excavation, grading, or placement of clean fill. These control measures should not be considered necessary for these activities.

3. Particulate monitoring must be performed using real-time particulate monitors and shall monitor particulate matter less than ten microns (PM10) with the following minimum performance standards:

(a) Objects to be measured: Dust, mists or aerosols;
(b) Measurement Ranges: 0.001 to 400 mg/m3 (1 to 400,000 :ug/m3);
(c) Precision (2-sigma) at constant temperature: +/- 10 :g/m3 for one second averaging; and +/- 1.5 g/m3 for sixty second averaging;
(d) Accuracy: +/- 5% of reading +/- precision (Referred to gravimetric calibration with SAE fine test dust (mmd= 2 to 3 :m, g= 2.5, as aerosolized);
(e) Resolution: 0.1% of reading or 1g/m3, whichever is larger;
(f) Particle Size Range of Maximum Response: 0.1-10;
(g) Total Number of Data Points in Memory: 10,000;
(h) Logged Data: Each data point with average concentration, time/date and data point number
(i) Run Summary: overall average, maximum concentrations, time/date of maximum, total number of logged points, start time/date, total elapsed time (run duration), STEL concentration and time/date occurrence, averaging (logging) period, calibration factor, and tag number;
(j) Alarm Averaging Time (user selectable): real-time (1-60 seconds) or STEL (15 minutes), alarms required;
(k) Operating Time: 48 hours (fully charged NiCd battery); continuously with charger;
(l) Operating Temperature: -10 to 50^{o} C (14 to 122^{o} F);
(m) Particulate levels will be monitored upwind and immediately downwind at the working site and integrated over a period not to exceed 15 minutes.

4. In order to ensure the validity of the fugitive dust measurements performed, there must be appropriate Quality Assurance/Quality Control (QA/QC). It is the responsibility of the remedial party to adequately supplement QA/QC Plans to include the following critical features: periodic instrument calibration, operator training, daily instrument performance (span) checks, and a record keeping plan.

5. The action level will be established at 150 ug/m3 (15 minutes average). While conservative,

this short-term interval will provide a real-time assessment of on-site air quality to assure both health and safety. If particulate levels are detected in excess of 150 ug/m3, the upwind background level must be confirmed immediately. If the working site particulate measurement is greater than 100 ug/m3 above the background level, additional dust suppression techniques must be implemented to reduce the generation of fugitive dust and corrective action taken to protect site personnel and reduce the potential for contaminant migration. Corrective measures may include increasing the level of personal protection for on-site personnel and implementing additional dust suppression techniques (see paragraph 7). Should the action level of 150 ug/m3 continue to be exceeded work must stop and DER must be notified as provided in the site design or remedial work plan. The notification shall include a description of the control measures implemented to prevent further exceedances.

6. It must be recognized that the generation of dust from waste or contaminated soil that migrates off-site, has the potential for transporting contaminants off-site. There may be situations when dust is being generated and leaving the site and the monitoring equipment does not measure PM10 at or above the action level. Since this situation has the potential to allow for the migration of contaminants off-site, it is unacceptable. While it is not practical to quantify total suspended particulates on a real-time basis, it is appropriate to rely on visual observation. If dust is observed leaving the working site, additional dust suppression techniques must be employed. Activities that have a high dusting potential--such as solidification and treatment involving materials like kiln dust and lime--will require the need for special measures to be considered.

7. The following techniques have been shown to be effective for the controlling of the generation and migration of dust during construction activities:

(a) Applying water on haul roads;
(b) Wetting equipment and excavation faces;
(c) Spraying water on buckets during excavation and dumping;
(d) Hauling materials in properly tarped or watertight containers;
(e) Restricting vehicle speeds to 10 mph;
(f) Covering excavated areas and material after excavation activity ceases; and
(g) Reducing the excavation size and/or number of excavations.

Experience has shown that the chance of exceeding the 150ug/m3 action level is remote when the above-mentioned techniques are used. When techniques involving water application are used, care must be taken not to use excess water, which can result in unacceptably wet conditions. Using atomizing sprays will prevent overly wet conditions, conserve water, and provide an effective means of suppressing the fugitive dust.

8. The evaluation of weather conditions is necessary for proper fugitive dust control. When extreme wind conditions make dust control ineffective, as a last resort remedial actions may need to be suspended. There may be situations that require fugitive dust suppression and particulate monitoring requirements with action levels more stringent than those provided above. Under some circumstances, the contaminant concentration and/or toxicity may require additional monitoring to protect site personnel and the public. Additional integrated sampling and chemical analysis of the dust may also be in order. This must be evaluated when a health and safety plan is developed and when appropriate suppression and monitoring requirements are established for protection of health and the environment.

APPENDIX 3

Floor Coating Information Sheets

Protective & Marine Coatings

RESUPRIME™ 3830/3835

PART A	GP3830A01	STANDARD CLEAR
PART B	GP3830B01	STANDARD HARDENER
PART A	GP3835A01	LOW TEMP CLEAR
PART B	GP3835B01	LOW TEMP HARDENER

Revised: March 17, 2021

PRODUCT INFORMATION

PRODUCT DESCRIPTION

RESUPRIME 3830/3835 is a fast curing, two-component, epoxy resin that is tolerant of residual moisture in concrete floors and walls. This enables earlier access onto new concrete substrates for the application of Sherwin-Williams flooring systems. Resuprime 3830/3835 is formulated to prevent moisture related disbondment of non-permeable resinous systems.

ADVANTAGES

- Moisture insensitive to 15 lbs or 97% RH
- Withstands vapor emissions
- Low odor
- Suitable for use in USDA inspected facilities
- Excellent adhesion
- During installation and initial cure cycle substrate and ambient air temperature must be at a minimum of 50ºF (10ºC) for standard cure and 40ºF (4ºC) for the low temp (for lower temperature installation contact your Sherwin-Williams representative).

TYPICAL USES

- For impermeable flooring and wall systems
- Use when moisture readings are less than 15 lbs, as measured by ASTM F1869 or less than 97% relative humidity as measured by ASTM F2170
- Can be applied to saturated surface dry (SSD) concrete

LIMITATIONS

- Do not apply to wet surfaces
- Substrate must be structurally sound and free of bond inhibiting contaminants
- Concrete must have an effective vapor barrier

SURFACE PREPARATION

Proper inspection and preparation of the substrate to receive resinous material is critical.

Concrete should have a profile of CSP 3-4.

Read and follow the “Instructions for Concrete Surface Preparation” (Form G-1) for complete details.

PRODUCT CHARACTERISTICS

Color:	Clear
Volume Solids:	100%, mixed
Weight Solids:	100%, mixed
Mix Ratio:	2:1 (standard), 1.28:1 (low temp)
VOC (EPA Method 24):	<100 g/L; 0.83 lbs/gal (as applied)

Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet mils (microns):	**8.0** (200)	**20.0** (500)
Coverage sq ft/gal (m^2/L):	**80** (2.0)	**200** (4.9)

PRODUCT CHARACTERISTICS (CONT'D)

Drying Schedule @ 8.0 mils wet (200 microns):

	@ 72°F/22°C
Standard:	50% RH
To touch:	6 hours
To recoat:	
minimum:	6 hours
maximum:	18 hours
Foot traffic:	24 hours
Heavy traffic:	72 hours
Full cure:	7 days
Low Temp:	
To touch:	4-5 hours
To recoat:	
minimum:	4 hours
maximum:	18 hours
Foot traffic:	24 hours
Heavy traffic:	48 hours
Full cure:	7 days

If maximum recoat time is exceeded, abrade surface before recoating.

Drying time is temperature, humidity, and film thickness dependent.

Pot Life: gallon mass	15 minutes

Shelf Life:	12 months, unopened Store indoors at 40°F (4.5°C) to 100°F (38°C)

APPLICATION

Option #1 (< 8 lbs moisture reading or <85% RH)

Mixing and Application

1. Add resin to hardener. Mix with low speed drill and Jiffy blade until uniform. To insure proper system cure and performance, do not deviate from the pre-packaged quantities.
2. Apply using a tight squeegee coat and backroll with a high quality 3/8” nap roller. Apply at a spread rate of 8-10 mils evenly with no puddles making sure of uniform coverage.
3. Allow to cure 6* hours minimum for standard cure and 4* hours for low temp.
4. Proceed with resinous system installation.

Option #2 (< 15 lbs moisture reading or <97% RH)

Mixing and Application

1. Add resin to hardener. Mix with low speed drill and Jiffy blade until uniform. To insure proper system cure and performance, do not deviate from the pre-packaged quantities.
2. Apply using a tight squeegee coat and backroll with a high quality 3/8” nap roller. Apply at a spread rate of 16-20 mils evenly with no puddles making sure of uniform coverage.
3. Allow to cure 6* hours minimum for standard cure and 4* hours for low temp.
4. Proceed with resinous system installation.

*Cure times vary depending on environmental conditions.

continued on back

Protective & Marine Coatings

RESUPRIME™ 3830/3835

PART A	GP3830A01	STANDARD CLEAR
PART B	GP3830B01	STANDARD HARDENER
PART A	GP3835A01	LOW TEMP CLEAR
PART B	GP3835B01	LOW TEMP HARDENER

Revised: March 17, 2021

PRODUCT INFORMATION

CHEMICAL RESISTANCE

For comprehensive chemical resistance information, contact your Sherwin-Williams representative.

CLEANUP

Clean up mixing and application equipment immediately after use. Use toluene or xylene. Observe all fire and health precautions when handling or storing solvents.

SAFETY

Refer to the SDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

MAINTENANCE

Occasional inspection of the installed material and spot repair can prolong system life. For specific information, contact your Sherwin-Williams representative.

DISCLAIMER

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Protective & Marine Coatings

RESUFLOR™ 3569
MULTI-PURPOSE EPOXY

PART A	GP3569	SERIES
PART B	GP3569B01	STANDARD HARDENER
PART B	GP3569B02	FAST CURE HARDENER

Revised: March 15, 2021

PRODUCT INFORMATION

PRODUCT DESCRIPTION

RESUFLOR 3569 Multi-Purpose Epoxy is a high solids, multi-purpose epoxy resin formulated to function as a primer, binder for aggregate or as a topcoat. Available in clear or pigmented this versatile resin allows for one product functionality in aggregate filled or coating applications where high chemical and UV resistance are not requirements.

ADVANTAGES

- Acceptable for use in USDA inspected facilities
- LEED compliant (<50 g/L VOC)
- Low viscosity
- One product on job site
- Good chemical & abrasion resistance
- Economical

TYPICAL USES

RESUFLOR 3569 Multi-Purpose Epoxy can be used as the primer, binder and topcoat in decorative quartz and paint chip floors or in solid color slurry or mortar floor systems. Typical installations include manufacturing, warehouses, bathrooms, aisles, docks, food & beverage facilities, kitchens, slope to drain and many others. Resuflor 3569 is the ideal choice when a general purpose epoxy floor material is required.

LIMITATIONS

- Do not expose to water for a minimum of 72 hours, or can stain
- Slab on grade requires vapor/moisture barrier
- Substrate must be structurally sound, dry and free of bond inhibiting contaminants
- During installation and initial cure cycle substrate and ambient air temperature must be at a minimum of 50ºF (10ºC). Substrate temperature must be at least 5ºF (3ºC) above the Dew point (for lower temperature installation contact your Sherwin-Williams representative).

SURFACE PREPARATION

Proper inspection and preparation of the substrate to receive resinous material is critical. Read and follow the “Instructions for Concrete Surface Preparation” (Form G-1) for complete details.

PRODUCT CHARACTERISTICS

Color:	Clear, Steel Gray, Silver Gray
Mix Ratio:	4:1
Volume Solids:	91% ± 2%, mixed
Weight Solids:	97% ± 2%, mixed
VOC (EPA Method 24):	<50 g/L ; 0.41 lb/gal, mixed
Viscosity, mixed:	500 cps

Recommended Spreading Rate as a coating:

	Minimum		Maximum	
Wet mils (microns)**:**	**10**	(250)	**20**	(500)
~Coverage sq ft/gal (m^2/L)**:**	**80**	(2.0)	**160**	(4.1)

Drying Schedule @ 10 mils (250 microns) wet:

Standard Cure Hardener:	**@ 77°F (25ºC)**
To touch:	6-8 hours
To recoat:	10-24 hours
Light traffic:	24 hours minimum
Full cure:	7 days

If maximum recoat time is exceeded, abrade surface before recoating. Drying time is temperature, humidity, and film thickness dependent.

Pot Life: gallon mass 20 minutes @ 77°F (25ºC)

Fast Cure Hardener:	**@ 77°F (25ºC)**
To touch:	6 hours
To recoat:	8-16 hours
Light traffic:	18-24 hours
Full cure:	7 days

If maximum recoat time is exceeded, abrade surface before recoating. Drying time is temperature, humidity, and film thickness dependent.

Pot Life: gallon mass 12 minutes

Shelf Life:	Part A: 36 months, unopened Part B (Standard): 36 months, unopened Part B (Fast Cure): 18 months, unopened Store indoors at 50°F (10°C) to 90°F (32°C)
Flash Point:	265°F (129°C), ASTM D 93, mixed

PERFORMANCE CHARACTERISTICS

Test Name	Test Method	Results
Abrasion Resistance	ASTM D 4060, CS17 wheel, 1,000 cycles	80 mg loss
Adhesion	ACI 503R	400 psi concrete failure
Compressive Strength	ASTM D 695 ASTM C 579	10,000 psi 12,000 psi with aggregate
Flammability		Self-extinguishing over concrete
Hardness, Shore D	ASTM D 2040	80
Resistance to Elevated Temperature	MIL-D-3134J Section 4.7.5	No slip or flow at required temperature of 158ºF (70ºC)
Tensile Strength	ASTM D 638 ASTM C 307	5,000 psi 1,800 pis with aggregate

continued on back

Protective & Marine Coatings

RESUFLOR™ 3569
MULTI-PURPOSE EPOXY

PART A	GP3569	SERIES
PART B	GP3569B01	STANDARD HARDENER
PART B	GP3569B02	FAST CURE HARDENER

Revised: March 15, 2021

PRODUCT INFORMATION

APPLICATION

APPLICATION INSTRUCTIONS:

As Primer

1. Premix 3569A (resin) using a low speed drill and Jiffy blade. Mix for one minute and until uniform, exercising caution not to whip air into the materials.

2. Add 4 parts 3569A (resin) to 1 part 3569B (hardener) by volume. Mix with low speed drill and Jiffy blade for three minutes and until uniform. Apply material using a 3/8" nap roller at a spread rate of 200-250 sq. ft. per gallon as a primer. Back roll with a spiked roller if necessary to help release entrapped air created from the mixing or application process.

NOTE* After 20-30 minutes setup time, if required, spike roll coating to remove any entrapped air. Do not spike roll after 40 minutes.

As Topcoat

1. Premix 3569A (resin) using a low speed drill and Jiffy blade. Mix for one minute and until uniform, exercising caution not to whip air into the materials.

2. Add 4 parts 3569A (resin) to 1 part 3569B (hardener) by volume. Mix with low speed drill and Jiffy blade for three minutes and until uniform. Apply material using a 3/8" nap roller at a spread rate of 80-160 sq. ft. per gallon as a topcoat. Back roll with a spiked roller if necessary to help release entrapped air created from the mixing or application process.

NOTE* After 20-30 minutes setup time, if required, spike roll coating to remove any entrapped air. Do not spike roll after 40 minutes.

As Binder Resin for Mortar systems

1. Premix 3569A (resin) using a low speed drill and Jiffy mixer. Mix for one minute and until uniform, exercising caution not to whip air into the material.

2. Add 4 parts 3569 A (resin) to 1 part 3569B (hardener) by volume. Mix with low speed drill and Jiffy mixer for three minutes and until uniform. Place mixed 3569 into mortar mixer. Slowly add 70 pounds of 5115 aggregate. Mix until aggregate is thoroughly "wet out". Immediately dump mortar onto substrate and screed to desired thickness.

3. Compact and smooth the mortar using a hand or power trowel. Allow to cure (cure times vary depending on environmental conditions). Coverage rate is 32-34 sq, feet at 1/4".

As Binder Resin for Self-Leveling systems for opaque self-leveling systems or could use solid color

1. Premix 3569A (resin) using a low speed drill and Jiffy blade. Mix for one minute and until uniform, exercising caution not to whip air into the material.

2. Add 4 parts 3569A (resin) to 1 part 3569B (hardener). Mix with low speed drill and Jiffy blade for three minutes and until uniform. Slowly add up to 6 lbs 5350 Trafficote Filler and up to 13 lbs. of 5310 Dry Silica per 1.25 gallons of mixed epoxy. Mix with low speed drill and Jiffy blade for three minutes and until uniform and no lumps remain.

NOTE: 1 gallon of unpacked 5350 is approximately 6 lbs.
1 gallon of unpacked 5310 is approximately 13 lbs.

3. Immediately pour the mixed material onto the substrate and pull out using a 1/4" v-notched trowel or 1/4" v-votched rubber squeegee. Mix will cover 53-55 square feet at 1/16", for non-skid broadcast to refusal with aggregate at a rate of 0.5 lbs per sq. foot to achieve 1/8".

ORDERING INFORMATION

Packaging:
Part A: 4 gallon (15.1L) container
Part B: 1 gallon (3.78L) container

Weight: 10.8 ± 0.2 lb/gal; 1.29 Kg/L mixed, may vary by color

CHEMICAL RESISTANCE

For comprehensive chemical resistance information, consult the Chemical Resistant Guide and contact the your Sherwin-Williams representative.

CLEANUP

Clean up mixing and application equipment immediately after use. Use toluene or xylene. Observe all fire and health precautions when handling or storing solvents.

SAFETY

Refer to the SDS sheet before use.

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MAINTENANCE

Occasional inspection of the installed material and spot repair can prolong system life. For specific information, contact your Sherwin-Williams representative.

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WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

APPENDIX 4

Floor Coating SDS Sheets

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
May 17, 2021

03 00 [0788]

PRODUCT NUMBER

GP3569A01

PRODUCT NAME

Resuflor™ 3569 Multi-Purpose Epoxy (Part A), Clear

MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY
101 W. Prospect Avenue
Cleveland, OH 44115

This document includes all data required by 40 CFR 63.801(a) for a Certified Product Data Sheet under criteria specified in 40 CFR 63.805(a). All data given below are MAXIMUM THEORETICAL VALUES based on the product AS CURRENTLY FORMULATED. Variations may occur on individual batches due to adjustments made during production.

Hazard Category (for SARA 311.312)

GP3569A01 = | Acute | Chronic | Fire |

Product Weight	Specific Gravity	FLASH POINT
9.12 lb/gal	1.10	178 °F PMCC

AS MIXED (as per product data sheet): Catalyzed 4 parts GP3569A01 to 1 part GP3569B01

AS MIXED

Product Weight	Specific Gravity	FLASH POINT
8.94 lb/gal	1.08	-3 °F TCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Acetone 67-64-1	N	Y	N	N	5	7

Volatile Ingredients AS MIXED

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Acetone 67-64-1	N	Y	N	N	4	6
Diethylenetriamine 111-40-0	N	N	N	N	3	4

Non-Volatile Ingredients AS MIXED

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
4,4'-Isopropylidenediphenol 80-05-7	N	N	Y	N	2	2

Volatile Organic Compounds - U.S. EPA / Canada

	GP3569A01		AS MIXED Catalyzed 4 parts GP3569A01 to 1 part GP3569B01	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	9.12	1093	8.94	1071
	By wt	By vol	By wt	By vol
Total Volatiles	5.4%	7.5%	7.2%	9.5%
Federally exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Acetone	5.2%	7.2%	4.2%	5.7%
Organic Volatiles	0.2%	0.3%	3.0%	3.8%
Percent Non-Volatile	94.6%	92.5%	92.8%	90.5%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.02	2	0.26	32
Less exempt solvents	0.02	2	0.28	34
Of solids	0.02	2	0.29	35
Of solids	0.00 lb/lb	0.00 kg/kg	0.03 lb/lb	0.03 kg/kg
	By wt		By wt	
By wt LVP-VOC	0.2%		3.0%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.06**
AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.41**

Volatile Organic Compounds - California

	GP3569A01		AS MIXED Catalyzed 4 parts GP3569A01 to 1 part GP3569B01	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	9.12	1093	8.94	1071
	By wt	By vol	By wt	By vol
Total Volatiles	5.4%	7.5%	7.2%	9.5%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Acetone	5.2%	7.2%	4.2%	5.7%
Organic Volatiles	0.2%	0.3%	3.0%	3.8%
Percent Non-Volatile	94.6%	92.5%	92.8%	90.5%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.02	2	0.26	32
Less exempt solvents	0.02	2	0.28	34
Of solids	0.02	2	0.29	35
Of solids	0.00 lb/lb	0.00 kg/kg	0.03 lb/lb	0.03 kg/kg
	By wt		By wt	
By wt LVP-VOC	0.2%		3.0%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.03**
AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.46**

Volatile Organic Compounds - South Coast Air Quality Management District, California, US

	GP3569A01		AS MIXED Catalyzed 4 parts GP3569A01 to 1 part GP3569B01	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	9.12	1093	8.94	1071
	By wt	By vol	By wt	By vol
Total Volatiles	5.4%	7.5%	7.2%	9.5%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Acetone	5.2%	7.2%	4.2%	5.7%
Organic Volatiles	0.2%	0.3%	3.0%	3.8%
Percent Non-Volatile	94.6%	92.5%	92.8%	90.5%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.02	2	0.26	32
Less exempt solvents	0.02	2	0.28	34
Of solids	0.02	2	0.29	35
Of solids	0.00 lb/lb	0.00 kg/kg	0.03 lb/lb	0.03 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	GP3569A01		AS MIXED Catalyzed 4 parts GP3569A01 to 1 part GP3569B01	
	By wt	By vol	By wt	By vol
Total Volatiles	5.9%	8.1%	7.6%	10.0%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.54	64	0.68	81

Volatile Organic Compounds - EU Directive 2010/75/EU

	GP3569A01		AS MIXED Catalyzed 4 parts GP3569A01 to 1 part GP3569B01	
	By wt	By vol	By wt	By vol
Total Volatiles	5.4%	7.5%	7.2%	9.5%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.49	59	0.64	77

Volatile Organic Compounds - Mexico

	GP3569A01		AS MIXED Catalyzed 4 parts GP3569A01 to 1 part GP3569B01	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	9.12	1093	8.94	1071
	By wt	By vol	By wt	By vol
Total Volatiles	5.4%	7.5%	7.2%	9.5%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Acetone	5.2%	7.2%	4.2%	5.7%
Organic Volatiles	0.2%	0.3%	3.0%	3.8%
Percent Non-Volatile	94.6%	92.5%	92.8%	90.5%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.02	2	0.26	32
Less exempt solvents	0.02	2	0.28	34
Of solids	0.02	2	0.29	35
Of solids	0.00 lb/lb	0.00 kg/kg	0.03 lb/lb	0.03 kg/kg

Hazardous Air Pollutants (Clean Air Act, Section 112(b))

	GP3569A01		AS MIXED Catalyzed 4 parts GP3569A01 to 1 part GP3569B01	
	LB/Gal	kg/L	LB/Gal	kg/L
Volatile HAPS	0.00	0.000	0.00	0.000
Of solids	0.00	0.000	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg	0.00 lb/lb	0.00 kg/kg

Air Quality Data

Density of Organic Solvent Blend

6.59 lb/gal

Photochemically Reactive

No

Density of Organic Solvent Blend AS MIXED

6.78 lb/gal

Photochemically Reactive AS MIXED

No

Additional Regulatory Information

US EPA TSCA:

Not Applicable

Relevant identified uses of the substance or mixture and uses advised against:

Not Applicable

US EPA TSCA: AS MIXED

Not Applicable

Relevant identified uses of the substance or mixture and uses advised against: AS MIXED

Not Applicable

Waste Disposal

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Addition of reducers or other additives to this product may substantially alter the above data. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

SAFETY DATA SHEET

GP3569A01

Section 1. Identification

Product name : Resuflor™ 3569 Multi-Purpose Epoxy (Part A)
Clear

Product code : GP3569A01

Other means of identification : Not available.

Product type : Liquid.

Relevant identified uses of the substance or mixture and uses advised against

Paint or paint related material.

Manufacturer : THE SHERWIN-WILLIAMS COMPANY
101 W. Prospect Avenue
Cleveland, OH 44115

Emergency telephone number of the company : US / Canada: (800) 424-9300
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

Product Information Telephone Number : US / Canada: 1-800-524-5979
Mexico: Not Available

Regulatory Information Telephone Number : US / Canada: (216) 566-2902
Mexico: Not Available

Transportation Emergency Telephone Number : US / Canada: (800) 424-9300
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : FLAMMABLE LIQUIDS - Category 4
SKIN CORROSION/IRRITATION - Category 1B
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
SKIN SENSITIZATION - Category 1
TOXIC TO REPRODUCTION - Category 2
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2

GHS label elements

Hazard pictograms :

Signal word : Danger

Hazard statements : Combustible liquid.
Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
Suspected of damaging fertility or the unborn child.
May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

Section 2. Hazards identification

Prevention : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Keep away from flames and hot surfaces. No smoking. Do not breathe vapor. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

Response : IF exposed or concerned: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor. IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTER or doctor. Wash contaminated clothing before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

Storage : Store locked up. Store in a well-ventilated place. Keep cool.

Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental label elements

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. FOR INDUSTRIAL USE ONLY. This product must be mixed with other components before use. Before opening the packages, READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS.

Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.

Hazards not otherwise classified : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Other means of identification : Not available.

CAS number/other identifiers

Ingredient name	% by weight	CAS number
Epoxy Polymer	≥75 - ≤90	1675-54-3
4-Nonylphenol	≤10	84852-15-3
Acetone	≤10	67-64-1
Alkyl Glycidyl Ether	≤5	68609-97-2
Phenol, 2-nonyl-, branched	<1	91672-41-2

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact : Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

Section 4. First aid measures

Inhalation : Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact : Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : Causes serious eye damage.

Inhalation : No known significant effects or critical hazards.

Skin contact : Causes severe burns. May cause an allergic skin reaction.

Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : Adverse symptoms may include the following:
pain
watering
redness

Inhalation : Adverse symptoms may include the following:
reduced fetal weight
increase in fetal deaths
skeletal malformations

Skin contact : Adverse symptoms may include the following:
pain or irritation
redness
blistering may occur
reduced fetal weight
increase in fetal deaths
skeletal malformations

Ingestion : Adverse symptoms may include the following:
stomach pains
reduced fetal weight
increase in fetal deaths
skeletal malformations

Indication of immediate medical attention and special treatment needed, if necessary

Section 4. First aid measures

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : Use dry chemical, CO_2, water spray (fog) or foam.

Unsuitable extinguishing media : Do not use water jet.

Specific hazards arising from the chemical : Combustible liquid. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
halogenated compounds

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Section 6. Accidental release measures

Small spill : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits (OSHA United States)

Section 8. Exposure controls/personal protection

Ingredient name	CAS #	Exposure limits
bis-[4-(2,3-epoxipropoxi)phenyl]propane	1675-54-3	None.
4-Nonylphenol	84852-15-3	None.
Acetone	67-64-1	**ACGIH TLV (United States, 3/2020).** TWA: 250 ppm 8 hours. STEL: 500 ppm 15 minutes. **NIOSH REL (United States, 10/2016).** TWA: 250 ppm 10 hours. TWA: 590 mg/m³ 10 hours. **OSHA PEL (United States, 5/2018).** TWA: 1000 ppm 8 hours. TWA: 2400 mg/m³ 8 hours.
Alkyl Glycidyl Ether	68609-97-2	None.
Phenol, 2-nonyl-, branched	91672-41-2	None.

Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
acetone	67-64-1	**CA Alberta Provincial (Canada, 6/2018).** 8 hrs OEL: 1200 mg/m³ 8 hours. 15 min OEL: 1800 mg/m³ 15 minutes. 8 hrs OEL: 500 ppm 8 hours. 15 min OEL: 750 ppm 15 minutes. **CA British Columbia Provincial (Canada, 1/2020).** TWA: 250 ppm 8 hours. STEL: 500 ppm 15 minutes. **CA Ontario Provincial (Canada, 6/2019).** TWA: 250 ppm 8 hours. STEL: 500 ppm 15 minutes. **CA Quebec Provincial (Canada, 7/2019).** TWAEV: 500 ppm 8 hours. TWAEV: 1190 mg/m³ 8 hours. STEV: 1000 ppm 15 minutes. STEV: 2380 mg/m³ 15 minutes. **CA Saskatchewan Provincial (Canada, 7/2013).** STEL: 750 ppm 15 minutes. TWA: 500 ppm 8 hours.

Occupational exposure limits (Mexico)

	CAS #	Exposure limits
Acetone	67-64-1	**NOM-010-STPS-2014 (Mexico, 4/2016).** TWA: 500 ppm 8 hours. STEL: 750 ppm 15 minutes.

Appropriate engineering controls : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Section 8. Exposure controls/personal protection

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

Physical state : Liquid.

Color : Not available.

Odor : Not available.

Odor threshold : Not available.

pH : Not applicable.

Melting point/freezing point : Not available.

Boiling point/boiling range : 55°C (131°F)

Flash point : Closed cup: 81°C (177.8°F) [Pensky-Martens Closed Cup]

Evaporation rate : 5.6 (butyl acetate = 1)

Flammability (solid, gas) : Not available.

Lower and upper explosive (flammable) limits : Lower: 2.6%
Upper: 12.8%

Vapor pressure : 24 kPa (180 mm Hg) [at 20°C]

Vapor density : 2 [Air = 1]

Relative density : 1.09

Solubility : Not available.

Partition coefficient: n-octanol/water : Not available.

Section 9. Physical and chemical properties

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

Viscosity : Kinematic (40°C (104°F)): >0.205 cm^2/s (>20.5 cSt)

Molecular weight : Not applicable.

Aerosol product

Heat of combustion : 7.186 kJ/g

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.

Incompatible materials : Reactive or incompatible with the following materials:
oxidizing materials

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
bis-[4-(2,3-epoxipropoxi) phenyl]propane	LD50 Dermal	Rabbit	20 g/kg	-
4-Nonylphenol	LD50 Oral	Rat	1300 mg/kg	-
Acetone	LD50 Oral	Rat	5800 mg/kg	-
Alkyl Glycidyl Ether	LD50 Oral	Rat	17100 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
bis-[4-(2,3-epoxipropoxi) phenyl]propane	Eyes - Severe irritant	Rabbit	-	24 hours 2 mg	-
	Skin - Mild irritant	Rabbit	-	500 mg	-
4-Nonylphenol	Eyes - Severe irritant	Rabbit	-	100 mg	-
	Skin - Severe irritant	Rabbit	-	24 hours 500 mg	-
Acetone	Eyes - Mild irritant	Human	-	186300 ppm	-
	Eyes - Mild irritant	Rabbit	-	10 uL	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 20 mg	-
	Eyes - Severe irritant	Rabbit	-	20 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	395 mg	-

Alkyl Glycidyl Ether	Skin - Moderate irritant	Rabbit	-	24 hours 500 uL	-

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Classification

Product/ingredient name	OSHA	IARC	NTP
bis-[4-(2,3-epoxipropoxi) phenyl]propane	-	3	-

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Acetone	Category 3 Category 3	-	Respiratory tract irritation Narcotic effects

Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Acetone	Category 2	-	-

Aspiration hazard

Not available.

Information on the likely routes of exposure : Not available.

Potential acute health effects

Eye contact : Causes serious eye damage.

Inhalation : No known significant effects or critical hazards.

Skin contact : Causes severe burns. May cause an allergic skin reaction.

Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : Adverse symptoms may include the following:
pain
watering
redness

Section 11. Toxicological information

Inhalation : Adverse symptoms may include the following:
reduced fetal weight
increase in fetal deaths
skeletal malformations

Skin contact : Adverse symptoms may include the following:
pain or irritation
redness
blistering may occur
reduced fetal weight
increase in fetal deaths
skeletal malformations

Ingestion : Adverse symptoms may include the following:
stomach pains
reduced fetal weight
increase in fetal deaths
skeletal malformations

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

General : May cause damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : Suspected of damaging the unborn child.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : Suspected of damaging fertility.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Oral	16332.71 mg/kg

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
4-Nonylphenol	Acute EC50 0.03 mg/l Marine water	Algae - Skeletonema costatum	72 hours
	Acute EC50 0.027 mg/l Marine water	Algae - Skeletonema costatum	96 hours
	Acute EC50 0.044 mg/l	Crustaceans - Moina macrocopa	48 hours
	Acute LC50 17 µg/l Marine water	Fish - Pleuronectes americanus - Larvae	96 hours
	Chronic EC10 0.012 mg/l Marine water	Algae - Skeletonema costatum	96 hours
	Chronic NOEC 5 µg/l Fresh water	Crustaceans - Gammarus fossarum - Adult	21 days
	Chronic NOEC 7.4 µg/l Fresh water	Fish - Pimephales promelas - Embryo	33 days
Acetone	Acute EC50 7200000 µg/l Fresh water	Algae - Selenastrum sp.	96 hours
	Acute LC50 4.42589 ml/L Marine water	Crustaceans - Acartia tonsa - Copepodid	48 hours
	Acute LC50 7460000 µg/l Fresh water	Daphnia - Daphnia cucullata	48 hours
	Acute LC50 5600 ppm Fresh water	Fish - Poecilia reticulata	96 hours
	Chronic NOEC 4.95 mg/l Marine water	Algae - Ulva pertusa	96 hours
	Chronic NOEC 0.016 ml/L Fresh water	Crustaceans - Daphniidae	21 days
	Chronic NOEC 0.1 ml/L Fresh water	Daphnia - Daphnia magna - Neonate	21 days
	Chronic NOEC 5 µg/l Marine water	Fish - Gasterosteus aculeatus - Larvae	42 days

Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Acetone	-	-	Readily

Bioaccumulative potential

Product/ingredient name	$LogP_{ow}$	BCF	Potential
4-Nonylphenol	-	740	high
Alkyl Glycidyl Ether	-	160 to 263	low

Mobility in soil

Soil/water partition coefficient (K_{OC}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere

Section 13. Disposal considerations

inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	UN3066	UN3066	UN3066	UN3066	UN3066
UN proper shipping name	PAINT	PAINT	PAINT	PAINT	PAINT. Marine pollutant (4-Nonylphenol, Phenol, 2-nonyl-, branched)
Transport hazard class(es)	8	8	8	8	8
Packing group	III	III	III	III	III
Environmental hazards	No.	No.	No.	Yes. The environmentally hazardous substance mark is not required.	Yes.
Additional information	- **ERG No.** 153	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.40-2.42 (Class 8). **ERG No.** 153	- **ERG No.** 153	The environmentally hazardous substance mark may appear if required by other transportation regulations.	The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg. **Emergency schedules** F-A, S-B

Special precautions for user : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

Transport in bulk according to IMO instruments : Not available.

Section 14. Transport information

Proper shipping name : Not available.

Section 15. Regulatory information

TSCA 5(a)2 proposed significant new use rules: 4-Nonylphenol; Phenol, 2-nonyl-, branched

SARA 313

SARA 313 (40 CFR 372.45) supplier notification can be found on the Environmental Data Sheet.

California Prop. 65

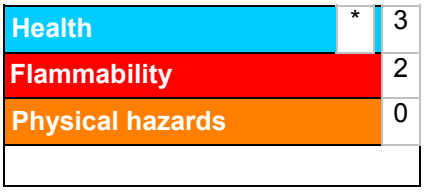
WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

International regulations

International lists :
Australia inventory (AIIC): Not determined.
China inventory (IECSC): Not determined.
Japan inventory (CSCL): Not determined.
Japan inventory (ISHL): Not determined.
Korea inventory (KECI): Not determined.
New Zealand Inventory of Chemicals (NZIoC): Not determined.
Philippines inventory (PICCS): Not determined.
Taiwan Chemical Substances Inventory (TCSI): Not determined.
Thailand inventory: Not determined.
Turkey inventory: Not determined.
Vietnam inventory: Not determined.

Section 16. Other information

Hazardous Material Information System (U.S.A.)



The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

Procedure used to derive the classification

Classification	Justification
FLAMMABLE LIQUIDS - Category 4	On basis of test data
SKIN CORROSION/IRRITATION - Category 1B	Calculation method
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1	Calculation method
SKIN SENSITIZATION - Category 1	Calculation method
TOXIC TO REPRODUCTION - Category 2	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2	Calculation method

History

Date of printing : 5/17/2021

Date of issue/Date of revision : 5/17/2021

Date of previous issue : 4/13/2021

Section 16. Other information

Version : 16

Key to abbreviations : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
N/A = Not available
SGG = Segregation Group
UN = United Nations

Indicates information that has changed from previously issued version.

Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
May 19, 2021

01 00 [2970]

PRODUCT NUMBER

GP3830A01

PRODUCT NAME

Resuprime™ 3830/3835 Standard (Part A), Clear

MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY
101 W. Prospect Avenue
Cleveland, OH 44115

This document includes all data required by 40 CFR 63.801(a) for a Certified Product Data Sheet under criteria specified in 40 CFR 63.805(a). All data given below are MAXIMUM THEORETICAL VALUES based on the product AS CURRENTLY FORMULATED. Variations may occur on individual batches due to adjustments made during production.

Hazard Category (for SARA 311.312)

GP3830A01 = | Acute | Chronic |

Product Weight	Specific Gravity	FLASH POINT
9.31 lb/gal	1.12	> 200 °F PMCC

Volatile Ingredients

Not Applicable

Volatile Organic Compounds - U.S. EPA / Canada

	GP3830A01	
	LB/Gal	**g/L**
Coating Density	9.31	1115
	By wt	**By vol**
Total Volatiles	0.0%	0.0%
Federally exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	100.0%	100.0%
VOC Content	**LB/Gal**	**g/L**
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.00**

Volatile Organic Compounds - California

	GP3830A01	
	LB/Gal	g/L
Coating Density	9.31	1115
	By wt	By vol
Total Volatiles	0.0%	0.0%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	100.0%	100.0%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.00**

Volatile Organic Compounds - South Coast Air Quality Management District, California, US

	GP3830A01	
	LB/Gal	g/L
Coating Density	9.31	1115
	By wt	By vol
Total Volatiles	0.0%	0.0%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	100.0%	100.0%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	GP3830A01	
	By wt	By vol
Total Volatiles	0.0%	0.0%
VOC Content	LB/Gal	g/L
Total	0.00	0

Volatile Organic Compounds - EU Directive 2010/75/EU

	GP3830A01	
	By wt	By vol
Total Volatiles	0.0%	0.0%
VOC Content	LB/Gal	g/L
Total	0.00	0

Volatile Organic Compounds - Mexico

	GP3830A01	
	LB/Gal	g/L
Coating Density	9.31	1115
	By wt	By vol
Total Volatiles	0.0%	0.0%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	100.0%	100.0%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg

Hazardous Air Pollutants (Clean Air Act, Section 112(b))

	GP3830A01	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

Air Quality Data

Density of Organic Solvent Blend

Not Applicable

Photochemically Reactive

No

Additional Regulatory Information

US EPA TSCA:

Not Applicable

Relevant identified uses of the substance or mixture and uses advised against:

Not Applicable

Waste Disposal

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Addition of reducers or other additives to this product may substantially alter the above data. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

SAFETY DATA SHEET

GP3830A01

Section 1. Identification

Product name : Resuprime™ 3830/3835 Standard (Part A)
Clear

Product code : GP3830A01

Other means of identification : Not available.

Product type : Liquid.

Relevant identified uses of the substance or mixture and uses advised against

Paint or paint related material.

Manufacturer : THE SHERWIN-WILLIAMS COMPANY
101 W. Prospect Avenue
Cleveland, OH 44115

Emergency telephone number of the company : US / Canada: (800) 424-9300
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

Product Information Telephone Number : US / Canada: 1-800-524-5979
Mexico: Not Available

Regulatory Information Telephone Number : US / Canada: (216) 566-2902
Mexico: Not Available

Transportation Emergency Telephone Number : US / Canada: (800) 424-9300
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : SKIN CORROSION/IRRITATION - Category 2
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
SKIN SENSITIZATION - Category 1

Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 30% (oral), 30% (dermal), 30% (inhalation)

GHS label elements

Hazard pictograms :

Signal word : Warning

Hazard statements : Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.

Precautionary statements

Prevention : Wear protective gloves. Wear eye or face protection. Avoid breathing vapor. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

Section 2. Hazards identification

Response : Take off contaminated clothing and wash it before reuse. Wash contaminated clothing before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

Storage : Not applicable.

Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental label elements

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. FOR INDUSTRIAL USE ONLY.

Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.

Hazards not otherwise classified : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Other means of identification : Not available.

CAS number/other identifiers

Ingredient name	% by weight	CAS number
Epoxy Polymer	≥50 - ≤75	1675-54-3
Phenol-Formaldehyde Polymer	≥25 - ≤50	9003-36-5
Alkyl Glycidyl Ether	≥10 - ≤25	68609-97-2

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Section 4. First aid measures

Ingestion : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : Causes serious eye irritation.

Inhalation : No known significant effects or critical hazards.

Skin contact : Causes skin irritation. May cause an allergic skin reaction.

Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : Adverse symptoms may include the following:
pain or irritation
watering
redness

Inhalation : No specific data.

Skin contact : Adverse symptoms may include the following:
irritation
redness

Ingestion : No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

Specific hazards arising from the chemical : In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
halogenated compounds

Section 5. Fire-fighting measures

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Section 7. Handling and storage

Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
bis-[4-(2,3-epoxipropoxi)phenyl]propane	1675-54-3	None.
Phenol-Formaldehyde Polymer	9003-36-5	None.
Alkyl Glycidyl Ether	68609-97-2	None.

Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
None.		

Occupational exposure limits (Mexico)

	CAS #	Exposure limits
None.		

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Section 8. Exposure controls/personal protection

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

Physical state : Liquid.

Color : Not available.

Odor : Not available.

Odor threshold : Not available.

pH : Not applicable.

Melting point/freezing point : Not available.

Boiling point/boiling range : Not available.

Flash point : Closed cup: 100°C (212°F) [Pensky-Martens Closed Cup]

Evaporation rate : Not available.

Flammability (solid, gas) : Not available.

Lower and upper explosive (flammable) limits : Not available.

Vapor pressure : Not relevant/applicable due to nature of the product.

Vapor density : Not available.

Relative density : 1.11

Solubility : Not available.

Partition coefficient: n-octanol/water : Not available.

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

Viscosity : Kinematic (40°C (104°F)): >0.205 cm^2/s (>20.5 cSt)

Molecular weight : Not applicable.

Aerosol product

Heat of combustion : 0 kJ/g

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

Incompatible materials : No specific data.

Section 10. Stability and reactivity

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
bis-[4-(2,3-epoxipropoxi) phenyl]propane	LD50 Dermal	Rabbit	20 g/kg	-
Alkyl Glycidyl Ether	LD50 Oral	Rat	17100 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
bis-[4-(2,3-epoxipropoxi) phenyl]propane	Eyes - Severe irritant	Rabbit	-	24 hours 2 mg	-
	Skin - Mild irritant	Rabbit	-	500 mg	-
Phenol-Formaldehyde Polymer	Skin - Mild irritant	Rabbit	-	24 hours 500 uL	-
Alkyl Glycidyl Ether	Skin - Moderate irritant	Rabbit	-	24 hours 500 uL	-

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Classification

Product/ingredient name	OSHA	IARC	NTP
bis-[4-(2,3-epoxipropoxi) phenyl]propane	-	3	-

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure : Not available.

Potential acute health effects

Eye contact : Causes serious eye irritation.

Section 11. Toxicological information

Inhalation : No known significant effects or critical hazards.

Skin contact : Causes skin irritation. May cause an allergic skin reaction.

Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : Adverse symptoms may include the following:
pain or irritation
watering
redness

Inhalation : No specific data.

Skin contact : Adverse symptoms may include the following:
irritation
redness

Ingestion : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

General : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Not available.

Section 12. Ecological information

Toxicity

Not available.

Persistence and degradability

Not available.

Section 12. Ecological information

Bioaccumulative potential

Product/ingredient name	$LogP_{ow}$	BCF	Potential
Alkyl Glycidyl Ether	-	160 to 263	low

Mobility in soil

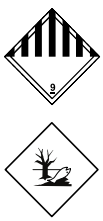
Soil/water partition coefficient (K_{OC}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	Not regulated.	Not regulated.	Not regulated.	UN3082	UN3082
UN proper shipping name	-	-	-	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Polymer, Phenol-Formaldehyde Polymer)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Polymer, Phenol-Formaldehyde Polymer). Marine pollutant (Epoxy Polymer, Phenol-Formaldehyde Polymer)
Transport hazard class(es)	-	-	-	9 	9
Packing group	-	-	-	III	III

Section 14. Transport information

Environmental hazards	No.	No.	No.	Yes.	Yes.
Additional information	-	-	-	This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.	This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8. **Emergency schedules** F-A, S-F

Special precautions for user : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

Transport in bulk according to IMO instruments : Not available.

Proper shipping name : Not available.

Section 15. Regulatory information

SARA 313

SARA 313 (40 CFR 372.45) supplier notification can be found on the Environmental Data Sheet.

California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

International regulations

International lists : **Australia inventory (AIIC)**: Not determined.
China inventory (IECSC): Not determined.
Japan inventory (CSCL): Not determined.
Japan inventory (ISHL): Not determined.
Korea inventory (KECI): Not determined.
New Zealand Inventory of Chemicals (NZIoC): Not determined.
Philippines inventory (PICCS): Not determined.
Taiwan Chemical Substances Inventory (TCSI): Not determined.
Thailand inventory: Not determined.
Turkey inventory: Not determined.
Vietnam inventory: Not determined.

Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health	*	3
Flammability		1
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

Procedure used to derive the classification

Classification	Justification
SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1	Calculation method Calculation method Calculation method

History

Date of printing : 5/19/2021

Date of issue/Date of revision : 5/19/2021

Date of previous issue : 4/17/2021

Version : 7.01

Key to abbreviations : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
N/A = Not available
SGG = Segregation Group
UN = United Nations

Indicates information that has changed from previously issued version.

Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of

Section 16. Other information

sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

APPENDIX 5

Laboratory Analytical Reports

ANALYTICAL REPORT

Lab Number:	L2110231
Client:	LaBella Associates, P.C. 300 Pearl Street Suite 252 Buffalo, NY 14202
ATTN:	Adam Zebrowski
Phone:	(716) 551-6281
Project Name:	DORITEX
Project Number:	2180605
Report Date:	03/09/21

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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

Project Name: DORITEX
Project Number: 2180605

Lab Number: L2110231
Report Date: 03/09/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2110231-01	SUMP 1	WATER	11075 WALDEN AVENUE	03/02/21 11:01	03/02/21

Project Name:	DORITEX	**Lab Number:**	L2110231
Project Number:	2180605	**Report Date:**	03/09/21

Case Narrative

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

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

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

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

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

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

Project Name:	DORITEX	**Lab Number:**	L2110231
Project Number:	2180605	**Report Date:**	03/09/21

Case Narrative (continued)

Report Submission

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

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: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 03/09/21

ORGANICS

VOLATILES

Project Name: DORITEX
Project Number: 2180605
Lab Number: L2110231
Report Date: 03/09/21

SAMPLE RESULTS

Lab ID: L2110231-01
Client ID: SUMP 1
Sample Location: 11075 WALDEN AVENUE
Date Collected: 03/02/21 11:01
Date Received: 03/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/05/21 15:18
Analyst: LAC

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

Project Name: DORITEX **Lab Number:** L2110231

Project Number: 2180605 **Report Date:** 03/09/21

SAMPLE RESULTS

Lab ID: L2110231-01 Date Collected: 03/02/21 11:01

Client ID: SUMP 1 Date Received: 03/02/21

Sample Location: 11075 WALDEN AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.2	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: DORITEX
Project Number: 2180605

Lab Number: L2110231
Report Date: 03/09/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/05/21 09:50
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1471338-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: DORITEX
Project Number: 2180605
Lab Number: L2110231
Report Date: 03/09/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/05/21 09:50
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1471338-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: DORITEX
Project Number: 2180605
Lab Number: L2110231
Report Date: 03/09/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/05/21 09:50
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1471338-5					

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

Lab Control Sample Analysis
Batch Quality Control

Project Name: DORITEX
Project Number: 2180605

Lab Number: L2110231
Report Date: 03/09/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1471338-3 WG1471338-4								
Methylene chloride	98		100		70-130	2		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	120		100		70-130	18		20
Carbon tetrachloride	99		110		63-132	11		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	95		100		63-130	5		20
1,1,2-Trichloroethane	98		110		70-130	12		20
Tetrachloroethene	96		100		70-130	4		20
Chlorobenzene	99		110		75-130	11		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	100		110		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	96		110		70-130	14		20
cis-1,3-Dichloropropene	98		100		70-130	2		20
Bromoform	90		93		54-136	3		20
1,1,2,2-Tetrachloroethane	100		110		67-130	10		20
Benzene	100		110		70-130	10		20
Toluene	96		100		70-130	4		20
Ethylbenzene	93		100		70-130	7		20
Chloromethane	87		92		64-130	6		20
Bromomethane	46		54		39-139	16		20
Vinyl chloride	98		100		55-140	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DORITEX

Project Number: 2180605

Lab Number: L2110231

Report Date: 03/09/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1471338-3 WG1471338-4								
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	100		110		61-145	10		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	94		100		70-130	6		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	100		110		63-130	10		20
p/m-Xylene	95		105		70-130	10		20
o-Xylene	95		105		70-130	10		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	100		110		70-130	10		20
Dichlorodifluoromethane	100		100		36-147	0		20
Acetone	120		100		58-148	18		20
Carbon disulfide	99		100		51-130	1		20
2-Butanone	95		99		63-138	4		20
4-Methyl-2-pentanone	100		110		59-130	10		20
2-Hexanone	96		110		57-130	14		20
Bromochloromethane	110		120		70-130	9		20
1,2-Dibromoethane	99		110		70-130	11		20
1,2-Dibromo-3-chloropropane	90		100		41-144	11		20
Isopropylbenzene	93		100		70-130	7		20
1,2,3-Trichlorobenzene	89		100		70-130	12		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DORITEX
Project Number: 2180605

Lab Number: L2110231
Report Date: 03/09/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1471338-3 WG1471338-4								
1,2,4-Trichlorobenzene	93		110		70-130	17		20
Methyl Acetate	96		100		70-130	4		20
Cyclohexane	100		110		70-130	10		20
1,4-Dioxane	112		128		56-162	13		20
Freon-113	110		120		70-130	9		20
Methyl cyclohexane	100		110		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		105		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	99		95		70-130
Dibromofluoromethane	102		98		70-130

Project Name: DORITEX
Project Number: 2180605

Lab Number: L2110231
Report Date: 03/09/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2110231-01A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2110231-01B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2110231-01C	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	DORITEX	**Lab Number:**	L2110231
Project Number:	2180605	**Report Date:**	03/09/21

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	DORITEX	**Lab Number:**	L2110231
Project Number:	2180605	**Report Date:**	03/09/21

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

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

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	DORITEX	**Lab Number:**	L2110231
Project Number:	2180605	**Report Date:**	03/09/21

Data Qualifiers

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Project Name:	DORITEX	**Lab Number:**	L2110231
Project Number:	2180605	**Report Date:**	03/09/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 3/3/21

ALPHA Job #: L2110231

Client Information
Client: LaBella Associates D.P.C.
Address: 300 Pearl Street Suite 120
Phone: 716-840-2545
Fax:
Email: azebrowski; plabellapc.com

Project Information
Project Name: Dorsey
Project Location: 11075 Walden Avenue
Project # 2180005
(Use Project name as Project #) ☐
Project Manager: A. Zebrowski
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days: 5 business days

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 8260	Sample Specific Comments	Total Bottle
10231-01	Sump 1	3/2/2021	11:01	GW	AZ	✓		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	3-2-21/1355		3/02/21 13:55
	3/02/21 14:45		3/3/21 01:15

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Appendix D – Community Air Monitoring Plan Results

Test 001

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/30/2019
Instrument S/N	8530132432	Start Time	13:45:51
		Stop Date	05/30/2019
		Stop Time	15:41:51
		Total Time	0:01:56:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.024 mg/m^3
Max	0.037 mg/m^3
Max Date	05/30/2019
Max Time	15:38:51
Min	0.018 mg/m^3
Min Date	05/30/2019
Min Time	13:52:51
TWA (8 hr)	0.006
TWA Start Date	05/30/2019
TWA Start Time	13:45:51
TWA End Time	15:41:51

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/30/2019	13:46:51	0.023
2	05/30/2019	13:47:51	0.020
3	05/30/2019	13:48:51	0.021
4	05/30/2019	13:49:51	0.020
5	05/30/2019	13:50:51	0.020
6	05/30/2019	13:51:51	0.019
7	05/30/2019	13:52:51	0.018
8	05/30/2019	13:53:51	0.019
9	05/30/2019	13:54:51	0.018
10	05/30/2019	13:55:51	0.018
11	05/30/2019	13:56:51	0.018
12	05/30/2019	13:57:51	0.019
13	05/30/2019	13:58:51	0.019
14	05/30/2019	13:59:51	0.019
15	05/30/2019	14:00:51	0.019
16	05/30/2019	14:01:51	0.019
17	05/30/2019	14:02:51	0.018
18	05/30/2019	14:03:51	0.019
19	05/30/2019	14:04:51	0.020
20	05/30/2019	14:05:51	0.020
21	05/30/2019	14:06:51	0.020

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	05/30/2019	14:07:51	0.020
23	05/30/2019	14:08:51	0.020
24	05/30/2019	14:09:51	0.020
25	05/30/2019	14:10:51	0.020
26	05/30/2019	14:11:51	0.020
27	05/30/2019	14:12:51	0.020
28	05/30/2019	14:13:51	0.020
29	05/30/2019	14:14:51	0.020
30	05/30/2019	14:15:51	0.020
31	05/30/2019	14:16:51	0.020
32	05/30/2019	14:17:51	0.020
33	05/30/2019	14:18:51	0.020
34	05/30/2019	14:19:51	0.020
35	05/30/2019	14:20:51	0.020
36	05/30/2019	14:21:51	0.020
37	05/30/2019	14:22:51	0.021
38	05/30/2019	14:23:51	0.021
39	05/30/2019	14:24:51	0.021
40	05/30/2019	14:25:51	0.020
41	05/30/2019	14:26:51	0.020
42	05/30/2019	14:27:51	0.022
43	05/30/2019	14:28:51	0.023
44	05/30/2019	14:29:51	0.022
45	05/30/2019	14:30:51	0.021
46	05/30/2019	14:31:51	0.022
47	05/30/2019	14:32:51	0.022
48	05/30/2019	14:33:51	0.021
49	05/30/2019	14:34:51	0.021
50	05/30/2019	14:35:51	0.021
51	05/30/2019	14:36:51	0.021
52	05/30/2019	14:37:51	0.021
53	05/30/2019	14:38:51	0.021
54	05/30/2019	14:39:51	0.022
55	05/30/2019	14:40:51	0.022
56	05/30/2019	14:41:51	0.021
57	05/30/2019	14:42:51	0.021
58	05/30/2019	14:43:51	0.021
59	05/30/2019	14:44:51	0.022
60	05/30/2019	14:45:51	0.021
61	05/30/2019	14:46:51	0.022
62	05/30/2019	14:47:51	0.022
63	05/30/2019	14:48:51	0.022
64	05/30/2019	14:49:51	0.022
65	05/30/2019	14:50:51	0.022
66	05/30/2019	14:51:51	0.022
67	05/30/2019	14:52:51	0.023

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
68	05/30/2019	14:53:51	0.023
69	05/30/2019	14:54:51	0.023
70	05/30/2019	14:55:51	0.023
71	05/30/2019	14:56:51	0.022
72	05/30/2019	14:57:51	0.022
73	05/30/2019	14:58:51	0.024
74	05/30/2019	14:59:51	0.024
75	05/30/2019	15:00:51	0.023
76	05/30/2019	15:01:51	0.023
77	05/30/2019	15:02:51	0.023
78	05/30/2019	15:03:51	0.023
79	05/30/2019	15:04:51	0.023
80	05/30/2019	15:05:51	0.024
81	05/30/2019	15:06:51	0.025
82	05/30/2019	15:07:51	0.026
83	05/30/2019	15:08:51	0.025
84	05/30/2019	15:09:51	0.027
85	05/30/2019	15:10:51	0.027
86	05/30/2019	15:11:51	0.028
87	05/30/2019	15:12:51	0.029
88	05/30/2019	15:13:51	0.027
89	05/30/2019	15:14:51	0.028
90	05/30/2019	15:15:51	0.029
91	05/30/2019	15:16:51	0.029
92	05/30/2019	15:17:51	0.031
93	05/30/2019	15:18:51	0.031
94	05/30/2019	15:19:51	0.030
95	05/30/2019	15:20:51	0.029
96	05/30/2019	15:21:51	0.030
97	05/30/2019	15:22:51	0.029
98	05/30/2019	15:23:51	0.029
99	05/30/2019	15:24:51	0.029
100	05/30/2019	15:25:51	0.030
101	05/30/2019	15:26:51	0.030
102	05/30/2019	15:27:51	0.031
103	05/30/2019	15:28:51	0.032
104	05/30/2019	15:29:51	0.033
105	05/30/2019	15:30:51	0.032
106	05/30/2019	15:31:51	0.031
107	05/30/2019	15:32:51	0.033
108	05/30/2019	15:33:51	0.033
109	05/30/2019	15:34:51	0.033
110	05/30/2019	15:35:51	0.034
111	05/30/2019	15:36:51	0.036
112	05/30/2019	15:37:51	0.036
113	05/30/2019	15:38:51	0.037

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
114	05/30/2019	15:39:51	0.036
115	05/30/2019	15:40:51	0.036
116	05/30/2019	15:41:51	0.035

Test 002

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/31/2019
Instrument S/N	8530132432	Start Time	10:38:17
		Stop Date	05/31/2019
		Stop Time	16:31:17
		Total Time	0:05:53:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.009 mg/m^3
Max	0.015 mg/m^3
Max Date	05/31/2019
Max Time	13:30:17
Min	0.005 mg/m^3
Min Date	05/31/2019
Min Time	11:51:17
TWA (8 hr)	0.007
TWA Start Date	05/31/2019
TWA Start Time	10:38:17
TWA End Time	16:31:17

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/31/2019	10:39:17	0.012
2	05/31/2019	10:40:17	0.011
3	05/31/2019	10:41:17	0.010
4	05/31/2019	10:42:17	0.011
5	05/31/2019	10:43:17	0.010
6	05/31/2019	10:44:17	0.010
7	05/31/2019	10:45:17	0.010
8	05/31/2019	10:46:17	0.010
9	05/31/2019	10:47:17	0.010
10	05/31/2019	10:48:17	0.009
11	05/31/2019	10:49:17	0.009
12	05/31/2019	10:50:17	0.009
13	05/31/2019	10:51:17	0.009
14	05/31/2019	10:52:17	0.009
15	05/31/2019	10:53:17	0.009
16	05/31/2019	10:54:17	0.008
17	05/31/2019	10:55:17	0.008
18	05/31/2019	10:56:17	0.008
19	05/31/2019	10:57:17	0.008
20	05/31/2019	10:58:17	0.007
21	05/31/2019	10:59:17	0.008

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	05/31/2019	11:00:17	0.008
23	05/31/2019	11:01:17	0.008
24	05/31/2019	11:02:17	0.008
25	05/31/2019	11:03:17	0.009
26	05/31/2019	11:04:17	0.008
27	05/31/2019	11:05:17	0.008
28	05/31/2019	11:06:17	0.008
29	05/31/2019	11:07:17	0.008
30	05/31/2019	11:08:17	0.008
31	05/31/2019	11:09:17	0.008
32	05/31/2019	11:10:17	0.008
33	05/31/2019	11:11:17	0.008
34	05/31/2019	11:12:17	0.007
35	05/31/2019	11:13:17	0.007
36	05/31/2019	11:14:17	0.008
37	05/31/2019	11:15:17	0.008
38	05/31/2019	11:16:17	0.007
39	05/31/2019	11:17:17	0.008
40	05/31/2019	11:18:17	0.007
41	05/31/2019	11:19:17	0.008
42	05/31/2019	11:20:17	0.007
43	05/31/2019	11:21:17	0.007
44	05/31/2019	11:22:17	0.007
45	05/31/2019	11:23:17	0.007
46	05/31/2019	11:24:17	0.007
47	05/31/2019	11:25:17	0.006
48	05/31/2019	11:26:17	0.006
49	05/31/2019	11:27:17	0.007
50	05/31/2019	11:28:17	0.006
51	05/31/2019	11:29:17	0.006
52	05/31/2019	11:30:17	0.006
53	05/31/2019	11:31:17	0.006
54	05/31/2019	11:32:17	0.006
55	05/31/2019	11:33:17	0.007
56	05/31/2019	11:34:17	0.007
57	05/31/2019	11:35:17	0.006
58	05/31/2019	11:36:17	0.006
59	05/31/2019	11:37:17	0.007
60	05/31/2019	11:38:17	0.007
61	05/31/2019	11:39:17	0.006
62	05/31/2019	11:40:17	0.006
63	05/31/2019	11:41:17	0.007
64	05/31/2019	11:42:17	0.008
65	05/31/2019	11:43:17	0.007
66	05/31/2019	11:44:17	0.006
67	05/31/2019	11:45:17	0.006

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
68	05/31/2019	11:46:17	0.007
69	05/31/2019	11:47:17	0.006
70	05/31/2019	11:48:17	0.006
71	05/31/2019	11:49:17	0.006
72	05/31/2019	11:50:17	0.006
73	05/31/2019	11:51:17	0.005
74	05/31/2019	11:52:17	0.006
75	05/31/2019	11:53:17	0.006
76	05/31/2019	11:54:17	0.006
77	05/31/2019	11:55:17	0.006
78	05/31/2019	11:56:17	0.006
79	05/31/2019	11:57:17	0.006
80	05/31/2019	11:58:17	0.006
81	05/31/2019	11:59:17	0.006
82	05/31/2019	12:00:17	0.005
83	05/31/2019	12:01:17	0.007
84	05/31/2019	12:02:17	0.009
85	05/31/2019	12:03:17	0.007
86	05/31/2019	12:04:17	0.006
87	05/31/2019	12:05:17	0.006
88	05/31/2019	12:06:17	0.006
89	05/31/2019	12:07:17	0.006
90	05/31/2019	12:08:17	0.006
91	05/31/2019	12:09:17	0.006
92	05/31/2019	12:10:17	0.006
93	05/31/2019	12:11:17	0.006
94	05/31/2019	12:12:17	0.006
95	05/31/2019	12:13:17	0.005
96	05/31/2019	12:14:17	0.006
97	05/31/2019	12:15:17	0.006
98	05/31/2019	12:16:17	0.005
99	05/31/2019	12:17:17	0.006
100	05/31/2019	12:18:17	0.006
101	05/31/2019	12:19:17	0.005
102	05/31/2019	12:20:17	0.006
103	05/31/2019	12:21:17	0.006
104	05/31/2019	12:22:17	0.006
105	05/31/2019	12:23:17	0.006
106	05/31/2019	12:24:17	0.007
107	05/31/2019	12:25:17	0.007
108	05/31/2019	12:26:17	0.006
109	05/31/2019	12:27:17	0.006
110	05/31/2019	12:28:17	0.007
111	05/31/2019	12:29:17	0.007
112	05/31/2019	12:30:17	0.007
113	05/31/2019	12:31:17	0.006

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
114	05/31/2019	12:32:17	0.008
115	05/31/2019	12:33:17	0.007
116	05/31/2019	12:34:17	0.008
117	05/31/2019	12:35:17	0.009
118	05/31/2019	12:36:17	0.007
119	05/31/2019	12:37:17	0.007
120	05/31/2019	12:38:17	0.006
121	05/31/2019	12:39:17	0.007
122	05/31/2019	12:40:17	0.008
123	05/31/2019	12:41:17	0.007
124	05/31/2019	12:42:17	0.008
125	05/31/2019	12:43:17	0.007
126	05/31/2019	12:44:17	0.009
127	05/31/2019	12:45:17	0.011
128	05/31/2019	12:46:17	0.010
129	05/31/2019	12:47:17	0.007
130	05/31/2019	12:48:17	0.007
131	05/31/2019	12:49:17	0.007
132	05/31/2019	12:50:17	0.010
133	05/31/2019	12:51:17	0.014
134	05/31/2019	12:52:17	0.012
135	05/31/2019	12:53:17	0.009
136	05/31/2019	12:54:17	0.009
137	05/31/2019	12:55:17	0.008
138	05/31/2019	12:56:17	0.012
139	05/31/2019	12:57:17	0.009
140	05/31/2019	12:58:17	0.007
141	05/31/2019	12:59:17	0.008
142	05/31/2019	13:00:17	0.008
143	05/31/2019	13:01:17	0.009
144	05/31/2019	13:02:17	0.013
145	05/31/2019	13:03:17	0.011
146	05/31/2019	13:04:17	0.009
147	05/31/2019	13:05:17	0.008
148	05/31/2019	13:06:17	0.008
149	05/31/2019	13:07:17	0.007
150	05/31/2019	13:08:17	0.007
151	05/31/2019	13:09:17	0.007
152	05/31/2019	13:10:17	0.007
153	05/31/2019	13:11:17	0.007
154	05/31/2019	13:12:17	0.007
155	05/31/2019	13:13:17	0.007
156	05/31/2019	13:14:17	0.007
157	05/31/2019	13:15:17	0.007
158	05/31/2019	13:16:17	0.007
159	05/31/2019	13:17:17	0.007

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
160	05/31/2019	13:18:17	0.007
161	05/31/2019	13:19:17	0.007
162	05/31/2019	13:20:17	0.009
163	05/31/2019	13:21:17	0.010
164	05/31/2019	13:22:17	0.010
165	05/31/2019	13:23:17	0.009
166	05/31/2019	13:24:17	0.007
167	05/31/2019	13:25:17	0.008
168	05/31/2019	13:26:17	0.009
169	05/31/2019	13:27:17	0.010
170	05/31/2019	13:28:17	0.011
171	05/31/2019	13:29:17	0.014
172	05/31/2019	13:30:17	0.015
173	05/31/2019	13:31:17	0.014
174	05/31/2019	13:32:17	0.010
175	05/31/2019	13:33:17	0.012
176	05/31/2019	13:34:17	0.012
177	05/31/2019	13:35:17	0.009
178	05/31/2019	13:36:17	0.013
179	05/31/2019	13:37:17	0.009
180	05/31/2019	13:38:17	0.009
181	05/31/2019	13:39:17	0.009
182	05/31/2019	13:40:17	0.009
183	05/31/2019	13:41:17	0.010
184	05/31/2019	13:42:17	0.009
185	05/31/2019	13:43:17	0.008
186	05/31/2019	13:44:17	0.008
187	05/31/2019	13:45:17	0.009
188	05/31/2019	13:46:17	0.008
189	05/31/2019	13:47:17	0.008
190	05/31/2019	13:48:17	0.008
191	05/31/2019	13:49:17	0.008
192	05/31/2019	13:50:17	0.008
193	05/31/2019	13:51:17	0.008
194	05/31/2019	13:52:17	0.008
195	05/31/2019	13:53:17	0.008
196	05/31/2019	13:54:17	0.008
197	05/31/2019	13:55:17	0.008
198	05/31/2019	13:56:17	0.008
199	05/31/2019	13:57:17	0.008
200	05/31/2019	13:58:17	0.008
201	05/31/2019	13:59:17	0.009
202	05/31/2019	14:00:17	0.008
203	05/31/2019	14:01:17	0.008
204	05/31/2019	14:02:17	0.008
205	05/31/2019	14:03:17	0.008

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
206	05/31/2019	14:04:17	0.007
207	05/31/2019	14:05:17	0.008
208	05/31/2019	14:06:17	0.008
209	05/31/2019	14:07:17	0.008
210	05/31/2019	14:08:17	0.008
211	05/31/2019	14:09:17	0.008
212	05/31/2019	14:10:17	0.008
213	05/31/2019	14:11:17	0.008
214	05/31/2019	14:12:17	0.007
215	05/31/2019	14:13:17	0.007
216	05/31/2019	14:14:17	0.007
217	05/31/2019	14:15:17	0.008
218	05/31/2019	14:16:17	0.008
219	05/31/2019	14:17:17	0.007
220	05/31/2019	14:18:17	0.008
221	05/31/2019	14:19:17	0.009
222	05/31/2019	14:20:17	0.009
223	05/31/2019	14:21:17	0.008
224	05/31/2019	14:22:17	0.009
225	05/31/2019	14:23:17	0.009
226	05/31/2019	14:24:17	0.010
227	05/31/2019	14:25:17	0.009
228	05/31/2019	14:26:17	0.010
229	05/31/2019	14:27:17	0.009
230	05/31/2019	14:28:17	0.009
231	05/31/2019	14:29:17	0.010
232	05/31/2019	14:30:17	0.010
233	05/31/2019	14:31:17	0.010
234	05/31/2019	14:32:17	0.009
235	05/31/2019	14:33:17	0.010
236	05/31/2019	14:34:17	0.010
237	05/31/2019	14:35:17	0.010
238	05/31/2019	14:36:17	0.010
239	05/31/2019	14:37:17	0.009
240	05/31/2019	14:38:17	0.009
241	05/31/2019	14:39:17	0.009
242	05/31/2019	14:40:17	0.010
243	05/31/2019	14:41:17	0.009
244	05/31/2019	14:42:17	0.009
245	05/31/2019	14:43:17	0.009
246	05/31/2019	14:44:17	0.009
247	05/31/2019	14:45:17	0.010
248	05/31/2019	14:46:17	0.010
249	05/31/2019	14:47:17	0.010
250	05/31/2019	14:48:17	0.009
251	05/31/2019	14:49:17	0.010

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
252	05/31/2019	14:50:17	0.010
253	05/31/2019	14:51:17	0.009
254	05/31/2019	14:52:17	0.010
255	05/31/2019	14:53:17	0.010
256	05/31/2019	14:54:17	0.010
257	05/31/2019	14:55:17	0.010
258	05/31/2019	14:56:17	0.010
259	05/31/2019	14:57:17	0.010
260	05/31/2019	14:58:17	0.010
261	05/31/2019	14:59:17	0.010
262	05/31/2019	15:00:17	0.010
263	05/31/2019	15:01:17	0.010
264	05/31/2019	15:02:17	0.009
265	05/31/2019	15:03:17	0.010
266	05/31/2019	15:04:17	0.010
267	05/31/2019	15:05:17	0.010
268	05/31/2019	15:06:17	0.011
269	05/31/2019	15:07:17	0.010
270	05/31/2019	15:08:17	0.011
271	05/31/2019	15:09:17	0.010
272	05/31/2019	15:10:17	0.014
273	05/31/2019	15:11:17	0.012
274	05/31/2019	15:12:17	0.011
275	05/31/2019	15:13:17	0.011
276	05/31/2019	15:14:17	0.012
277	05/31/2019	15:15:17	0.012
278	05/31/2019	15:16:17	0.012
279	05/31/2019	15:17:17	0.012
280	05/31/2019	15:18:17	0.012
281	05/31/2019	15:19:17	0.012
282	05/31/2019	15:20:17	0.011
283	05/31/2019	15:21:17	0.011
284	05/31/2019	15:22:17	0.011
285	05/31/2019	15:23:17	0.011
286	05/31/2019	15:24:17	0.011
287	05/31/2019	15:25:17	0.012
288	05/31/2019	15:26:17	0.012
289	05/31/2019	15:27:17	0.012
290	05/31/2019	15:28:17	0.011
291	05/31/2019	15:29:17	0.012
292	05/31/2019	15:30:17	0.011
293	05/31/2019	15:31:17	0.011
294	05/31/2019	15:32:17	0.011
295	05/31/2019	15:33:17	0.012
296	05/31/2019	15:34:17	0.011
297	05/31/2019	15:35:17	0.011

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
298	05/31/2019	15:36:17	0.011
299	05/31/2019	15:37:17	0.011
300	05/31/2019	15:38:17	0.011
301	05/31/2019	15:39:17	0.011
302	05/31/2019	15:40:17	0.011
303	05/31/2019	15:41:17	0.011
304	05/31/2019	15:42:17	0.012
305	05/31/2019	15:43:17	0.012
306	05/31/2019	15:44:17	0.011
307	05/31/2019	15:45:17	0.012
308	05/31/2019	15:46:17	0.012
309	05/31/2019	15:47:17	0.012
310	05/31/2019	15:48:17	0.012
311	05/31/2019	15:49:17	0.012
312	05/31/2019	15:50:17	0.012
313	05/31/2019	15:51:17	0.012
314	05/31/2019	15:52:17	0.013
315	05/31/2019	15:53:17	0.012
316	05/31/2019	15:54:17	0.012
317	05/31/2019	15:55:17	0.013
318	05/31/2019	15:56:17	0.013
319	05/31/2019	15:57:17	0.012
320	05/31/2019	15:58:17	0.012
321	05/31/2019	15:59:17	0.012
322	05/31/2019	16:00:17	0.012
323	05/31/2019	16:01:17	0.013
324	05/31/2019	16:02:17	0.013
325	05/31/2019	16:03:17	0.012
326	05/31/2019	16:04:17	0.012
327	05/31/2019	16:05:17	0.013
328	05/31/2019	16:06:17	0.013
329	05/31/2019	16:07:17	0.013
330	05/31/2019	16:08:17	0.013
331	05/31/2019	16:09:17	0.013
332	05/31/2019	16:10:17	0.013
333	05/31/2019	16:11:17	0.013
334	05/31/2019	16:12:17	0.013
335	05/31/2019	16:13:17	0.013
336	05/31/2019	16:14:17	0.013
337	05/31/2019	16:15:17	0.013
338	05/31/2019	16:16:17	0.014
339	05/31/2019	16:17:17	0.014
340	05/31/2019	16:18:17	0.014
341	05/31/2019	16:19:17	0.015
342	05/31/2019	16:20:17	0.014
343	05/31/2019	16:21:17	0.015

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
344	05/31/2019	16:22:17	0.015
345	05/31/2019	16:23:17	0.014
346	05/31/2019	16:24:17	0.015
347	05/31/2019	16:25:17	0.014
348	05/31/2019	16:26:17	0.014
349	05/31/2019	16:27:17	0.014
350	05/31/2019	16:28:17	0.014
351	05/31/2019	16:29:17	0.013
352	05/31/2019	16:30:17	0.013
353	05/31/2019	16:31:17	0.014

Test 003

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/03/2019
Instrument S/N	8530132432	Start Time	08:01:04
		Stop Date	06/03/2019
		Stop Time	14:45:04
		Total Time	0:06:44:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.065 mg/m^3
Max	0.330 mg/m^3
Max Date	06/03/2019
Max Time	10:52:04
Min	0.003 mg/m^3
Min Date	06/03/2019
Min Time	08:03:04
TWA (8 hr)	0.055
TWA Start Date	06/03/2019
TWA Start Time	08:01:04
TWA End Time	14:45:04

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	06/03/2019	08:02:04	0.025
2	06/03/2019	08:03:04	0.003
3	06/03/2019	08:04:04	0.004
4	06/03/2019	08:05:04	0.003
5	06/03/2019	08:06:04	0.003
6	06/03/2019	08:07:04	0.003
7	06/03/2019	08:08:04	0.004
8	06/03/2019	08:09:04	0.003
9	06/03/2019	08:10:04	0.004
10	06/03/2019	08:11:04	0.003
11	06/03/2019	08:12:04	0.014
12	06/03/2019	08:13:04	0.039
13	06/03/2019	08:14:04	0.046
14	06/03/2019	08:15:04	0.106
15	06/03/2019	08:16:04	0.031
16	06/03/2019	08:17:04	0.032
17	06/03/2019	08:18:04	0.036
18	06/03/2019	08:19:04	0.008
19	06/03/2019	08:20:04	0.175
20	06/03/2019	08:21:04	0.118
21	06/03/2019	08:22:04	0.131

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	06/03/2019	08:23:04	0.015
23	06/03/2019	08:24:04	0.005
24	06/03/2019	08:25:04	0.012
25	06/03/2019	08:26:04	0.086
26	06/03/2019	08:27:04	0.113
27	06/03/2019	08:28:04	0.092
28	06/03/2019	08:29:04	0.034
29	06/03/2019	08:30:04	0.048
30	06/03/2019	08:31:04	0.230
31	06/03/2019	08:32:04	0.033
32	06/03/2019	08:33:04	0.056
33	06/03/2019	08:34:04	0.035
34	06/03/2019	08:35:04	0.057
35	06/03/2019	08:36:04	0.048
36	06/03/2019	08:37:04	0.032
37	06/03/2019	08:38:04	0.060
38	06/03/2019	08:39:04	0.038
39	06/03/2019	08:40:04	0.054
40	06/03/2019	08:41:04	0.042
41	06/03/2019	08:42:04	0.047
42	06/03/2019	08:43:04	0.033
43	06/03/2019	08:44:04	0.048
44	06/03/2019	08:45:04	0.042
45	06/03/2019	08:46:04	0.061
46	06/03/2019	08:47:04	0.083
47	06/03/2019	08:48:04	0.013
48	06/03/2019	08:49:04	0.006
49	06/03/2019	08:50:04	0.006
50	06/03/2019	08:51:04	0.011
51	06/03/2019	08:52:04	0.009
52	06/03/2019	08:53:04	0.012
53	06/03/2019	08:54:04	0.018
54	06/03/2019	08:55:04	0.005
55	06/03/2019	08:56:04	0.009
56	06/03/2019	08:57:04	0.044
57	06/03/2019	08:58:04	0.070
58	06/03/2019	08:59:04	0.012
59	06/03/2019	09:00:04	0.045
60	06/03/2019	09:01:04	0.007
61	06/03/2019	09:02:04	0.004
62	06/03/2019	09:03:04	0.014
63	06/03/2019	09:04:04	0.008
64	06/03/2019	09:05:04	0.007
65	06/03/2019	09:06:04	0.005
66	06/03/2019	09:07:04	0.009
67	06/03/2019	09:08:04	0.013

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
68	06/03/2019	09:09:04	0.004
69	06/03/2019	09:10:04	0.013
70	06/03/2019	09:11:04	0.009
71	06/03/2019	09:12:04	0.006
72	06/03/2019	09:13:04	0.008
73	06/03/2019	09:14:04	0.006
74	06/03/2019	09:15:04	0.004
75	06/03/2019	09:16:04	0.004
76	06/03/2019	09:17:04	0.007
77	06/03/2019	09:18:04	0.004
78	06/03/2019	09:19:04	0.005
79	06/03/2019	09:20:04	0.005
80	06/03/2019	09:21:04	0.005
81	06/03/2019	09:22:04	0.005
82	06/03/2019	09:23:04	0.006
83	06/03/2019	09:24:04	0.015
84	06/03/2019	09:25:04	0.017
85	06/03/2019	09:26:04	0.013
86	06/03/2019	09:27:04	0.005
87	06/03/2019	09:28:04	0.004
88	06/03/2019	09:29:04	0.004
89	06/03/2019	09:30:04	0.007
90	06/03/2019	09:31:04	0.024
91	06/03/2019	09:32:04	0.008
92	06/03/2019	09:33:04	0.007
93	06/03/2019	09:34:04	0.007
94	06/03/2019	09:35:04	0.007
95	06/03/2019	09:36:04	0.007
96	06/03/2019	09:37:04	0.007
97	06/03/2019	09:38:04	0.006
98	06/03/2019	09:39:04	0.007
99	06/03/2019	09:40:04	0.011
100	06/03/2019	09:41:04	0.011
101	06/03/2019	09:42:04	0.017
102	06/03/2019	09:43:04	0.029
103	06/03/2019	09:44:04	0.018
104	06/03/2019	09:45:04	0.030
105	06/03/2019	09:46:04	0.073
106	06/03/2019	09:47:04	0.034
107	06/03/2019	09:48:04	0.014
108	06/03/2019	09:49:04	0.109
109	06/03/2019	09:50:04	0.092
110	06/03/2019	09:51:04	0.024
111	06/03/2019	09:52:04	0.096
112	06/03/2019	09:53:04	0.066
113	06/03/2019	09:54:04	0.197

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
114	06/03/2019	09:55:04	0.091
115	06/03/2019	09:56:04	0.021
116	06/03/2019	09:57:04	0.032
117	06/03/2019	09:58:04	0.012
118	06/03/2019	09:59:04	0.039
119	06/03/2019	10:00:04	0.045
120	06/03/2019	10:01:04	0.008
121	06/03/2019	10:02:04	0.008
122	06/03/2019	10:03:04	0.014
123	06/03/2019	10:04:04	0.008
124	06/03/2019	10:05:04	0.007
125	06/03/2019	10:06:04	0.007
126	06/03/2019	10:07:04	0.007
127	06/03/2019	10:08:04	0.007
128	06/03/2019	10:09:04	0.008
129	06/03/2019	10:10:04	0.013
130	06/03/2019	10:11:04	0.018
131	06/03/2019	10:12:04	0.018
132	06/03/2019	10:13:04	0.011
133	06/03/2019	10:14:04	0.008
134	06/03/2019	10:15:04	0.018
135	06/03/2019	10:16:04	0.011
136	06/03/2019	10:17:04	0.015
137	06/03/2019	10:18:04	0.009
138	06/03/2019	10:19:04	0.015
139	06/03/2019	10:20:04	0.011
140	06/03/2019	10:21:04	0.029
141	06/03/2019	10:22:04	0.013
142	06/03/2019	10:23:04	0.011
143	06/03/2019	10:24:04	0.036
144	06/03/2019	10:25:04	0.127
145	06/03/2019	10:26:04	0.010
146	06/03/2019	10:27:04	0.010
147	06/03/2019	10:28:04	0.011
148	06/03/2019	10:29:04	0.045
149	06/03/2019	10:30:04	0.013
150	06/03/2019	10:31:04	0.016
151	06/03/2019	10:32:04	0.019
152	06/03/2019	10:33:04	0.045
153	06/03/2019	10:34:04	0.106
154	06/03/2019	10:35:04	0.052
155	06/03/2019	10:36:04	0.023
156	06/03/2019	10:37:04	0.133
157	06/03/2019	10:38:04	0.251
158	06/03/2019	10:39:04	0.121
159	06/03/2019	10:40:04	0.020

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
160	06/03/2019	10:41:04	0.047
161	06/03/2019	10:42:04	0.065
162	06/03/2019	10:43:04	0.034
163	06/03/2019	10:44:04	0.011
164	06/03/2019	10:45:04	0.027
165	06/03/2019	10:46:04	0.028
166	06/03/2019	10:47:04	0.013
167	06/03/2019	10:48:04	0.015
168	06/03/2019	10:49:04	0.011
169	06/03/2019	10:50:04	0.011
170	06/03/2019	10:51:04	0.043
171	06/03/2019	10:52:04	0.330
172	06/03/2019	10:53:04	0.182
173	06/03/2019	10:54:04	0.229
174	06/03/2019	10:55:04	0.037
175	06/03/2019	10:56:04	0.160
176	06/03/2019	10:57:04	0.311
177	06/03/2019	10:58:04	0.038
178	06/03/2019	10:59:04	0.061
179	06/03/2019	11:00:04	0.192
180	06/03/2019	11:01:04	0.114
181	06/03/2019	11:02:04	0.054
182	06/03/2019	11:03:04	0.019
183	06/03/2019	11:04:04	0.014
184	06/03/2019	11:05:04	0.013
185	06/03/2019	11:06:04	0.016
186	06/03/2019	11:07:04	0.016
187	06/03/2019	11:08:04	0.063
188	06/03/2019	11:09:04	0.014
189	06/03/2019	11:10:04	0.015
190	06/03/2019	11:11:04	0.085
191	06/03/2019	11:12:04	0.064
192	06/03/2019	11:13:04	0.053
193	06/03/2019	11:14:04	0.226
194	06/03/2019	11:15:04	0.298
195	06/03/2019	11:16:04	0.253
196	06/03/2019	11:17:04	0.235
197	06/03/2019	11:18:04	0.033
198	06/03/2019	11:19:04	0.045
199	06/03/2019	11:20:04	0.143
200	06/03/2019	11:21:04	0.251
201	06/03/2019	11:22:04	0.071
202	06/03/2019	11:23:04	0.040
203	06/03/2019	11:24:04	0.062
204	06/03/2019	11:25:04	0.097
205	06/03/2019	11:26:04	0.043

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
206	06/03/2019	11:27:04	0.013
207	06/03/2019	11:28:04	0.011
208	06/03/2019	11:29:04	0.031
209	06/03/2019	11:30:04	0.012
210	06/03/2019	11:31:04	0.014
211	06/03/2019	11:32:04	0.018
212	06/03/2019	11:33:04	0.010
213	06/03/2019	11:34:04	0.011
214	06/03/2019	11:35:04	0.083
215	06/03/2019	11:36:04	0.194
216	06/03/2019	11:37:04	0.267
217	06/03/2019	11:38:04	0.127
218	06/03/2019	11:39:04	0.080
219	06/03/2019	11:40:04	0.172
220	06/03/2019	11:41:04	0.213
221	06/03/2019	11:42:04	0.080
222	06/03/2019	11:43:04	0.014
223	06/03/2019	11:44:04	0.053
224	06/03/2019	11:45:04	0.019
225	06/03/2019	11:46:04	0.116
226	06/03/2019	11:47:04	0.050
227	06/03/2019	11:48:04	0.120
228	06/03/2019	11:49:04	0.075
229	06/03/2019	11:50:04	0.154
230	06/03/2019	11:51:04	0.028
231	06/03/2019	11:52:04	0.036
232	06/03/2019	11:53:04	0.046
233	06/03/2019	11:54:04	0.054
234	06/03/2019	11:55:04	0.051
235	06/03/2019	11:56:04	0.017
236	06/03/2019	11:57:04	0.011
237	06/03/2019	11:58:04	0.011
238	06/03/2019	11:59:04	0.013
239	06/03/2019	12:00:04	0.013
240	06/03/2019	12:01:04	0.030
241	06/03/2019	12:02:04	0.013
242	06/03/2019	12:03:04	0.024
243	06/03/2019	12:04:04	0.070
244	06/03/2019	12:05:04	0.013
245	06/03/2019	12:06:04	0.008
246	06/03/2019	12:07:04	0.008
247	06/03/2019	12:08:04	0.006
248	06/03/2019	12:09:04	0.005
249	06/03/2019	12:10:04	0.005
250	06/03/2019	12:11:04	0.029
251	06/03/2019	12:12:04	0.007

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
252	06/03/2019	12:13:04	0.050
253	06/03/2019	12:14:04	0.019
254	06/03/2019	12:15:04	0.076
255	06/03/2019	12:16:04	0.014
256	06/03/2019	12:17:04	0.014
257	06/03/2019	12:18:04	0.013
258	06/03/2019	12:19:04	0.008
259	06/03/2019	12:20:04	0.008
260	06/03/2019	12:21:04	0.007
261	06/03/2019	12:22:04	0.008
262	06/03/2019	12:23:04	0.007
263	06/03/2019	12:24:04	0.008
264	06/03/2019	12:25:04	0.080
265	06/03/2019	12:26:04	0.018
266	06/03/2019	12:27:04	0.013
267	06/03/2019	12:28:04	0.010
268	06/03/2019	12:29:04	0.008
269	06/03/2019	12:30:04	0.011
270	06/03/2019	12:31:04	0.010
271	06/03/2019	12:32:04	0.036
272	06/03/2019	12:33:04	0.048
273	06/03/2019	12:34:04	0.093
274	06/03/2019	12:35:04	0.213
275	06/03/2019	12:36:04	0.200
276	06/03/2019	12:37:04	0.250
277	06/03/2019	12:38:04	0.161
278	06/03/2019	12:39:04	0.141
279	06/03/2019	12:40:04	0.202
280	06/03/2019	12:41:04	0.199
281	06/03/2019	12:42:04	0.068
282	06/03/2019	12:43:04	0.121
283	06/03/2019	12:44:04	0.034
284	06/03/2019	12:45:04	0.018
285	06/03/2019	12:46:04	0.110
286	06/03/2019	12:47:04	0.079
287	06/03/2019	12:48:04	0.019
288	06/03/2019	12:49:04	0.111
289	06/03/2019	12:50:04	0.061
290	06/03/2019	12:51:04	0.067
291	06/03/2019	12:52:04	0.016
292	06/03/2019	12:53:04	0.038
293	06/03/2019	12:54:04	0.056
294	06/03/2019	12:55:04	0.077
295	06/03/2019	12:56:04	0.057
296	06/03/2019	12:57:04	0.049
297	06/03/2019	12:58:04	0.027

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
298	06/03/2019	12:59:04	0.012
299	06/03/2019	13:00:04	0.031
300	06/03/2019	13:01:04	0.040
301	06/03/2019	13:02:04	0.022
302	06/03/2019	13:03:04	0.017
303	06/03/2019	13:04:04	0.017
304	06/03/2019	13:05:04	0.024
305	06/03/2019	13:06:04	0.014
306	06/03/2019	13:07:04	0.010
307	06/03/2019	13:08:04	0.014
308	06/03/2019	13:09:04	0.014
309	06/03/2019	13:10:04	0.017
310	06/03/2019	13:11:04	0.015
311	06/03/2019	13:12:04	0.013
312	06/03/2019	13:13:04	0.013
313	06/03/2019	13:14:04	0.009
314	06/03/2019	13:15:04	0.011
315	06/03/2019	13:16:04	0.020
316	06/03/2019	13:17:04	0.024
317	06/03/2019	13:18:04	0.078
318	06/03/2019	13:19:04	0.082
319	06/03/2019	13:20:04	0.124
320	06/03/2019	13:21:04	0.168
321	06/03/2019	13:22:04	0.139
322	06/03/2019	13:23:04	0.150
323	06/03/2019	13:24:04	0.028
324	06/03/2019	13:25:04	0.127
325	06/03/2019	13:26:04	0.094
326	06/03/2019	13:27:04	0.049
327	06/03/2019	13:28:04	0.028
328	06/03/2019	13:29:04	0.054
329	06/03/2019	13:30:04	0.092
330	06/03/2019	13:31:04	0.133
331	06/03/2019	13:32:04	0.154
332	06/03/2019	13:33:04	0.117
333	06/03/2019	13:34:04	0.159
334	06/03/2019	13:35:04	0.069
335	06/03/2019	13:36:04	0.035
336	06/03/2019	13:37:04	0.078
337	06/03/2019	13:38:04	0.063
338	06/03/2019	13:39:04	0.053
339	06/03/2019	13:40:04	0.117
340	06/03/2019	13:41:04	0.068
341	06/03/2019	13:42:04	0.039
342	06/03/2019	13:43:04	0.184
343	06/03/2019	13:44:04	0.128

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
344	06/03/2019	13:45:04	0.178
345	06/03/2019	13:46:04	0.151
346	06/03/2019	13:47:04	0.133
347	06/03/2019	13:48:04	0.119
348	06/03/2019	13:49:04	0.176
349	06/03/2019	13:50:04	0.077
350	06/03/2019	13:51:04	0.144
351	06/03/2019	13:52:04	0.156
352	06/03/2019	13:53:04	0.140
353	06/03/2019	13:54:04	0.098
354	06/03/2019	13:55:04	0.179
355	06/03/2019	13:56:04	0.257
356	06/03/2019	13:57:04	0.083
357	06/03/2019	13:58:04	0.209
358	06/03/2019	13:59:04	0.190
359	06/03/2019	14:00:04	0.188
360	06/03/2019	14:01:04	0.144
361	06/03/2019	14:02:04	0.115
362	06/03/2019	14:03:04	0.183
363	06/03/2019	14:04:04	0.115
364	06/03/2019	14:05:04	0.183
365	06/03/2019	14:06:04	0.190
366	06/03/2019	14:07:04	0.131
367	06/03/2019	14:08:04	0.129
368	06/03/2019	14:09:04	0.145
369	06/03/2019	14:10:04	0.128
370	06/03/2019	14:11:04	0.170
371	06/03/2019	14:12:04	0.143
372	06/03/2019	14:13:04	0.183
373	06/03/2019	14:14:04	0.082
374	06/03/2019	14:15:04	0.093
375	06/03/2019	14:16:04	0.110
376	06/03/2019	14:17:04	0.167
377	06/03/2019	14:18:04	0.133
378	06/03/2019	14:19:04	0.055
379	06/03/2019	14:20:04	0.124
380	06/03/2019	14:21:04	0.076
381	06/03/2019	14:22:04	0.139
382	06/03/2019	14:23:04	0.193
383	06/03/2019	14:24:04	0.137
384	06/03/2019	14:25:04	0.076
385	06/03/2019	14:26:04	0.067
386	06/03/2019	14:27:04	0.184
387	06/03/2019	14:28:04	0.137
388	06/03/2019	14:29:04	0.142
389	06/03/2019	14:30:04	0.167

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
390	06/03/2019	14:31:04	0.103
391	06/03/2019	14:32:04	0.142
392	06/03/2019	14:33:04	0.157
393	06/03/2019	14:34:04	0.122
394	06/03/2019	14:35:04	0.192
395	06/03/2019	14:36:04	0.157
396	06/03/2019	14:37:04	0.090
397	06/03/2019	14:38:04	0.247
398	06/03/2019	14:39:04	0.188
399	06/03/2019	14:40:04	0.203
400	06/03/2019	14:41:04	0.096
401	06/03/2019	14:42:04	0.107
402	06/03/2019	14:43:04	0.136
403	06/03/2019	14:44:04	0.057
404	06/03/2019	14:45:04	0.037

Test 004

ERROR: FLOW,

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/04/2019
Instrument S/N	8530132432	Start Time	08:20:52
		Stop Date	06/05/2019
		Stop Time	08:10:52
		Total Time	0:23:50:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.069 mg/m^3
Max	1.190 mg/m^3
Max Date	06/04/2019
Max Time	16:13:52
Min	0.000 mg/m^3
Min Date	06/04/2019
Min Time	08:21:52
TWA (8 hr)	0.505
TWA Start Date	06/04/2019
TWA Start Time	08:20:52
TWA End Time	08:10:52

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	06/04/2019	08:21:52	0.000
2	06/04/2019	08:22:52	0.000
3	06/04/2019	08:23:52	0.000
4	06/04/2019	08:24:52	0.000
5	06/04/2019	08:25:52	0.000
6	06/04/2019	14:22:23	0.000
7	06/04/2019	14:22:52	0.000
8	06/04/2019	14:23:52	0.000
9	06/04/2019	14:24:52	0.000
10	06/04/2019	14:25:52	0.000
11	06/04/2019	14:26:52	0.000
12	06/04/2019	14:27:52	0.000
13	06/04/2019	15:58:18	0.000
14	06/04/2019	15:58:52	0.848
15	06/04/2019	15:59:52	0.737
16	06/04/2019	16:00:52	0.669
17	06/04/2019	16:01:52	0.752
18	06/04/2019	16:02:52	0.758
19	06/04/2019	16:03:52	0.683
20	06/04/2019	16:04:52	0.721

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
21	06/04/2019	16:05:52	0.738
22	06/04/2019	16:06:52	0.821
23	06/04/2019	16:07:52	0.845
24	06/04/2019	16:08:52	0.724
25	06/04/2019	16:09:52	0.693
26	06/04/2019	16:10:52	0.704
27	06/04/2019	16:11:52	0.682
28	06/04/2019	16:12:52	0.749
29	06/04/2019	16:13:52	1.190
30	06/04/2019	16:14:52	1.160
31	06/04/2019	16:15:52	1.060
32	06/04/2019	16:16:52	0.985
33	06/04/2019	16:17:52	1.020
34	06/04/2019	16:18:52	0.684
35	06/04/2019	16:19:52	0.494
36	06/04/2019	16:20:52	0.467
37	06/04/2019	16:21:52	0.419
38	06/04/2019	16:22:52	0.495
39	06/04/2019	16:23:52	0.485
40	06/04/2019	16:24:52	0.447
41	06/04/2019	16:25:52	0.372
42	06/04/2019	16:26:52	0.406
43	06/04/2019	16:27:52	0.424
44	06/04/2019	16:28:52	0.430
45	06/04/2019	16:29:52	0.391
46	06/04/2019	16:30:52	0.394
47	06/04/2019	16:31:52	0.436
48	06/04/2019	16:32:52	0.449
49	06/04/2019	16:33:52	0.411
50	06/04/2019	16:34:52	0.415
51	06/04/2019	16:35:52	0.426
52	06/04/2019	16:36:52	0.433
53	06/04/2019	16:37:52	0.424
54	06/04/2019	16:38:52	0.376
55	06/04/2019	16:39:52	0.349
56	06/04/2019	16:40:52	0.367
57	06/04/2019	16:41:52	0.363
58	06/04/2019	16:42:52	0.303
59	06/04/2019	16:43:52	0.317
60	06/04/2019	16:44:52	0.292
61	06/04/2019	16:45:52	0.254
62	06/04/2019	16:46:52	0.281
63	06/04/2019	16:47:52	0.278
64	06/04/2019	16:48:52	0.257
65	06/04/2019	16:49:52	0.251
66	06/04/2019	16:50:52	0.245

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
67	06/04/2019	16:51:52	0.244
68	06/04/2019	16:52:52	0.230
69	06/04/2019	16:53:52	0.205
70	06/04/2019	16:54:52	0.200
71	06/04/2019	16:55:52	0.210
72	06/04/2019	16:56:52	0.203
73	06/04/2019	16:57:52	0.205
74	06/04/2019	16:58:52	0.191
75	06/04/2019	16:59:52	0.203
76	06/04/2019	17:00:52	0.198
77	06/04/2019	17:01:52	0.201
78	06/04/2019	17:02:52	0.203
79	06/04/2019	17:03:52	0.196
80	06/04/2019	17:04:52	0.188
81	06/04/2019	17:05:52	0.190
82	06/04/2019	17:06:52	0.187
83	06/04/2019	17:07:52	0.196
84	06/04/2019	17:08:52	0.186
85	06/04/2019	17:09:52	0.193
86	06/04/2019	17:10:52	0.182
87	06/04/2019	17:11:52	0.179
88	06/04/2019	17:12:52	0.170
89	06/04/2019	17:13:52	0.170
90	06/04/2019	17:14:52	0.162
91	06/04/2019	17:15:52	0.162
92	06/04/2019	17:16:52	0.158
93	06/04/2019	17:17:52	0.163
94	06/04/2019	17:18:52	0.159
95	06/04/2019	17:19:52	0.158
96	06/04/2019	17:20:52	0.143
97	06/04/2019	17:21:52	0.144
98	06/04/2019	17:22:52	0.141
99	06/04/2019	17:23:52	0.146
100	06/04/2019	17:24:52	0.142
101	06/04/2019	17:25:52	0.139
102	06/04/2019	17:26:52	0.138
103	06/04/2019	17:27:52	0.137
104	06/04/2019	17:28:52	0.137
105	06/04/2019	17:29:52	0.135
106	06/04/2019	17:30:52	0.132
107	06/04/2019	17:31:52	0.131
108	06/04/2019	17:32:52	0.118
109	06/04/2019	17:33:52	0.114
110	06/04/2019	17:34:52	0.116
111	06/04/2019	17:35:52	0.115
112	06/04/2019	17:36:52	0.109

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
113	06/04/2019	17:37:52	0.117
114	06/04/2019	17:38:52	0.110
115	06/04/2019	17:39:52	0.107
116	06/04/2019	17:40:52	0.114
117	06/04/2019	17:41:52	0.114
118	06/04/2019	17:42:52	0.111
119	06/04/2019	17:43:52	0.112
120	06/04/2019	17:44:52	0.101
121	06/04/2019	17:45:52	0.101
122	06/04/2019	17:46:52	0.101
123	06/04/2019	17:47:52	0.101
124	06/04/2019	17:48:52	0.112
125	06/04/2019	17:49:52	0.101
126	06/04/2019	17:50:52	0.102
127	06/04/2019	17:51:52	0.098
128	06/04/2019	17:52:52	0.094
129	06/04/2019	17:53:52	0.097
130	06/04/2019	17:54:52	0.095
131	06/04/2019	17:55:52	0.095
132	06/04/2019	17:56:52	0.084
133	06/04/2019	17:57:52	0.083
134	06/04/2019	17:58:52	0.084
135	06/04/2019	17:59:52	0.090
136	06/04/2019	18:00:52	0.090
137	06/04/2019	18:01:52	0.089
138	06/04/2019	18:02:52	0.077
139	06/04/2019	18:03:52	0.087
140	06/04/2019	18:04:52	0.094
141	06/04/2019	18:05:52	0.091
142	06/04/2019	18:06:52	0.094
143	06/04/2019	18:07:52	0.079
144	06/04/2019	18:08:52	0.073
145	06/04/2019	18:09:52	0.084
146	06/04/2019	18:10:52	0.082
147	06/04/2019	18:11:52	0.079
148	06/04/2019	18:12:52	0.088
149	06/04/2019	18:13:52	0.088
150	06/04/2019	18:14:52	0.082
151	06/04/2019	18:15:52	0.081
152	06/04/2019	18:16:52	0.077
153	06/04/2019	18:17:52	0.094
154	06/04/2019	18:18:52	0.083
155	06/04/2019	18:19:52	0.081
156	06/04/2019	18:20:52	0.086
157	06/04/2019	18:21:52	0.083
158	06/04/2019	18:22:52	0.082

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
159	06/04/2019	18:23:52	0.083
160	06/04/2019	18:24:52	0.083
161	06/04/2019	18:25:52	0.077
162	06/04/2019	18:26:52	0.077
163	06/04/2019	18:27:52	0.078
164	06/04/2019	18:28:52	0.078
165	06/04/2019	18:29:52	0.078
166	06/04/2019	18:30:52	0.076
167	06/04/2019	18:31:52	0.071
168	06/04/2019	18:32:52	0.077
169	06/04/2019	18:33:52	0.074
170	06/04/2019	18:34:52	0.075
171	06/04/2019	18:35:52	0.078
172	06/04/2019	18:36:52	0.073
173	06/04/2019	18:37:52	0.081
174	06/04/2019	18:38:52	0.079
175	06/04/2019	18:39:52	0.074
176	06/04/2019	18:40:52	0.072
177	06/04/2019	18:41:52	0.069
178	06/04/2019	18:42:52	0.072
179	06/04/2019	18:43:52	0.074
180	06/04/2019	18:44:52	0.071
181	06/04/2019	18:45:52	0.069
182	06/04/2019	18:46:52	0.070
183	06/04/2019	18:47:52	0.069
184	06/04/2019	18:48:52	0.071
185	06/04/2019	18:49:52	0.064
186	06/04/2019	18:50:52	0.075
187	06/04/2019	18:51:52	0.075
188	06/04/2019	18:52:52	0.076
189	06/04/2019	18:53:52	0.068
190	06/04/2019	18:54:52	0.071
191	06/04/2019	18:55:52	0.068
192	06/04/2019	18:56:52	0.069
193	06/04/2019	18:57:52	0.067
194	06/04/2019	18:58:52	0.064
195	06/04/2019	18:59:52	0.063
196	06/04/2019	19:00:52	0.062
197	06/04/2019	19:01:52	0.063
198	06/04/2019	19:02:52	0.066
199	06/04/2019	19:03:52	0.069
200	06/04/2019	19:04:52	0.067
201	06/04/2019	19:05:52	0.071
202	06/04/2019	19:06:52	0.065
203	06/04/2019	19:07:52	0.068
204	06/04/2019	19:08:52	0.065

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
205	06/04/2019	19:09:52	0.068
206	06/04/2019	19:10:52	0.069
207	06/04/2019	19:11:52	0.067
208	06/04/2019	19:12:52	0.064
209	06/04/2019	19:13:52	0.065
210	06/04/2019	19:14:52	0.067
211	06/04/2019	19:15:52	0.067
212	06/04/2019	19:16:52	0.066
213	06/04/2019	19:17:52	0.064
214	06/04/2019	19:18:52	0.066
215	06/04/2019	19:19:52	0.065
216	06/04/2019	19:20:52	0.067
217	06/04/2019	19:21:52	0.065
218	06/04/2019	19:22:52	0.065
219	06/04/2019	19:23:52	0.062
220	06/04/2019	19:24:52	0.062
221	06/04/2019	19:25:52	0.060
222	06/04/2019	19:26:52	0.063
223	06/04/2019	19:27:52	0.059
224	06/04/2019	19:28:52	0.057
225	06/04/2019	19:29:52	0.057
226	06/04/2019	19:30:52	0.061
227	06/04/2019	19:31:52	0.059
228	06/04/2019	19:32:52	0.061
229	06/04/2019	19:33:52	0.060
230	06/04/2019	19:34:52	0.057
231	06/04/2019	19:35:52	0.057
232	06/04/2019	19:36:52	0.057
233	06/04/2019	19:37:52	0.059
234	06/04/2019	19:38:52	0.059
235	06/04/2019	19:39:52	0.056
236	06/04/2019	19:40:52	0.054
237	06/04/2019	19:41:52	0.059
238	06/04/2019	19:42:52	0.058
239	06/04/2019	19:43:52	0.058
240	06/04/2019	19:44:52	0.056
241	06/04/2019	19:45:52	0.053
242	06/04/2019	19:46:52	0.053
243	06/04/2019	19:47:52	0.053
244	06/04/2019	19:48:52	0.053
245	06/04/2019	19:49:52	0.052
246	06/04/2019	19:50:52	0.050
247	06/04/2019	19:51:52	0.052
248	06/04/2019	19:52:52	0.053
249	06/04/2019	19:53:52	0.054
250	06/04/2019	19:54:52	0.053

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
251	06/04/2019	19:55:52	0.051
252	06/04/2019	19:56:52	0.053
253	06/04/2019	19:57:52	0.052
254	06/04/2019	19:58:52	0.049
255	06/04/2019	19:59:52	0.049
256	06/04/2019	20:00:52	0.048
257	06/04/2019	20:01:52	0.049
258	06/04/2019	20:02:52	0.050
259	06/04/2019	20:03:52	0.048
260	06/04/2019	20:04:52	0.043
261	06/04/2019	20:05:52	0.046
262	06/04/2019	20:06:52	0.048
263	06/04/2019	20:07:52	0.048
264	06/04/2019	20:08:52	0.045
265	06/04/2019	20:09:52	0.047
266	06/04/2019	20:10:52	0.046
267	06/04/2019	20:11:52	0.047
268	06/04/2019	20:12:52	0.046
269	06/04/2019	20:13:52	0.047
270	06/04/2019	20:14:52	0.047
271	06/04/2019	20:15:52	0.044
272	06/04/2019	20:16:52	0.044
273	06/04/2019	20:17:52	0.045
274	06/04/2019	20:18:52	0.045
275	06/04/2019	20:19:52	0.044
276	06/04/2019	20:20:52	0.043
277	06/04/2019	20:21:52	0.043
278	06/04/2019	20:22:52	0.043
279	06/04/2019	20:23:52	0.042
280	06/04/2019	20:24:52	0.043
281	06/04/2019	20:25:52	0.042
282	06/04/2019	20:26:52	0.041
283	06/04/2019	20:27:52	0.040
284	06/04/2019	20:28:52	0.039
285	06/04/2019	20:29:52	0.040
286	06/04/2019	20:30:52	0.039
287	06/04/2019	20:31:52	0.041
288	06/04/2019	20:32:52	0.040
289	06/04/2019	20:33:52	0.040
290	06/04/2019	20:34:52	0.039
291	06/04/2019	20:35:52	0.039
292	06/04/2019	20:36:52	0.040
293	06/04/2019	20:37:52	0.039
294	06/04/2019	20:38:52	0.038
295	06/04/2019	20:39:52	0.038
296	06/04/2019	20:40:52	0.039

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
297	06/04/2019	20:41:52	0.039
298	06/04/2019	20:42:52	0.038
299	06/04/2019	20:43:52	0.037
300	06/04/2019	20:44:52	0.039
301	06/04/2019	20:45:52	0.037
302	06/04/2019	20:46:52	0.037
303	06/04/2019	20:47:52	0.037
304	06/04/2019	20:48:52	0.037
305	06/04/2019	20:49:52	0.037
306	06/04/2019	20:50:52	0.036
307	06/04/2019	20:51:52	0.028
308	06/04/2019	20:52:52	0.033
309	06/04/2019	20:53:52	0.037
310	06/04/2019	20:54:52	0.036
311	06/04/2019	20:55:52	0.036
312	06/04/2019	20:56:52	0.034
313	06/04/2019	20:57:52	0.036
314	06/04/2019	20:58:52	0.035
315	06/04/2019	20:59:52	0.035
316	06/04/2019	21:00:52	0.033
317	06/04/2019	21:01:52	0.034
318	06/04/2019	21:02:52	0.035
319	06/04/2019	21:03:52	0.034
320	06/04/2019	21:04:52	0.035
321	06/04/2019	21:05:52	0.036
322	06/04/2019	21:06:52	0.035
323	06/04/2019	21:07:52	0.034
324	06/04/2019	21:08:52	0.034
325	06/04/2019	21:09:52	0.034
326	06/04/2019	21:10:52	0.034
327	06/04/2019	21:11:52	0.034
328	06/04/2019	21:12:52	0.034
329	06/04/2019	21:13:52	0.034
330	06/04/2019	21:14:52	0.035
331	06/04/2019	21:15:52	0.034
332	06/04/2019	21:16:52	0.034
333	06/04/2019	21:17:52	0.034
334	06/04/2019	21:18:52	0.035
335	06/04/2019	21:19:52	0.033
336	06/04/2019	21:20:52	0.034
337	06/04/2019	21:21:52	0.033
338	06/04/2019	21:22:52	0.033
339	06/04/2019	21:23:52	0.032
340	06/04/2019	21:24:52	0.034
341	06/04/2019	21:25:52	0.032
342	06/04/2019	21:26:52	0.033

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
343	06/04/2019	21:27:52	0.032
344	06/04/2019	21:28:52	0.033
345	06/04/2019	21:29:52	0.034
346	06/04/2019	21:30:52	0.032
347	06/04/2019	21:31:52	0.032
348	06/04/2019	21:32:52	0.033
349	06/04/2019	21:33:52	0.033
350	06/04/2019	21:34:52	0.032
351	06/04/2019	21:35:52	0.032
352	06/04/2019	21:36:52	0.032
353	06/04/2019	21:37:52	0.033
354	06/04/2019	21:38:52	0.032
355	06/04/2019	21:39:52	0.031
356	06/04/2019	21:40:52	0.032
357	06/04/2019	21:41:52	0.032
358	06/04/2019	21:42:52	0.031
359	06/04/2019	21:43:52	0.031
360	06/04/2019	21:44:52	0.032
361	06/04/2019	21:45:52	0.031
362	06/04/2019	21:46:52	0.031
363	06/04/2019	21:47:52	0.031
364	06/04/2019	21:48:52	0.031
365	06/04/2019	21:49:52	0.030
366	06/04/2019	21:50:52	0.031
367	06/04/2019	21:51:52	0.031
368	06/04/2019	21:52:52	0.031
369	06/04/2019	21:53:52	0.031
370	06/04/2019	21:54:52	0.030
371	06/04/2019	21:55:52	0.030
372	06/04/2019	21:56:52	0.029
373	06/04/2019	21:57:52	0.030
374	06/04/2019	21:58:52	0.029
375	06/04/2019	21:59:52	0.029
376	06/04/2019	22:00:52	0.030
377	06/04/2019	22:01:52	0.029
378	06/04/2019	22:02:52	0.029
379	06/04/2019	22:03:52	0.029
380	06/04/2019	22:04:52	0.030
381	06/04/2019	22:05:52	0.029
382	06/04/2019	22:06:52	0.029
383	06/04/2019	22:07:52	0.030
384	06/04/2019	22:08:52	0.031
385	06/04/2019	22:09:52	0.029
386	06/04/2019	22:10:52	0.029
387	06/04/2019	22:11:52	0.029
388	06/04/2019	22:12:52	0.029

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
389	06/04/2019	22:13:52	0.029
390	06/04/2019	22:14:52	0.030
391	06/04/2019	22:15:52	0.029
392	06/04/2019	22:16:52	0.029
393	06/04/2019	22:17:52	0.030
394	06/04/2019	22:18:52	0.029
395	06/04/2019	22:19:52	0.028
396	06/04/2019	22:20:52	0.029
397	06/04/2019	22:21:52	0.028
398	06/04/2019	22:22:52	0.029
399	06/04/2019	22:23:52	0.028
400	06/04/2019	22:24:52	0.029
401	06/04/2019	22:25:52	0.029
402	06/04/2019	22:26:52	0.028
403	06/04/2019	22:27:52	0.028
404	06/04/2019	22:28:52	0.029
405	06/04/2019	22:29:52	0.028
406	06/04/2019	22:30:52	0.028
407	06/04/2019	22:31:52	0.029
408	06/04/2019	22:32:52	0.028
409	06/04/2019	22:33:52	0.029
410	06/04/2019	22:34:52	0.027
411	06/04/2019	22:35:52	0.028
412	06/04/2019	22:36:52	0.028
413	06/04/2019	22:37:52	0.028
414	06/04/2019	22:38:52	0.028
415	06/04/2019	22:39:52	0.028
416	06/04/2019	22:40:52	0.029
417	06/04/2019	22:41:52	0.027
418	06/04/2019	22:42:52	0.027
419	06/04/2019	22:43:52	0.027
420	06/04/2019	22:44:52	0.028
421	06/04/2019	22:45:52	0.027
422	06/04/2019	22:46:52	0.027
423	06/04/2019	22:47:52	0.027
424	06/04/2019	22:48:52	0.028
425	06/04/2019	22:49:52	0.028
426	06/04/2019	22:50:52	0.028
427	06/04/2019	22:51:52	0.027
428	06/04/2019	22:52:52	0.027
429	06/04/2019	22:53:52	0.027
430	06/04/2019	22:54:52	0.028
431	06/04/2019	22:55:52	0.027
432	06/04/2019	22:56:52	0.027
433	06/04/2019	22:57:52	0.027
434	06/04/2019	22:58:52	0.027

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
435	06/04/2019	22:59:52	0.027
436	06/04/2019	23:00:52	0.028
437	06/04/2019	23:01:52	0.027
438	06/04/2019	23:02:52	0.027
439	06/04/2019	23:03:52	0.027
440	06/04/2019	23:04:52	0.027
441	06/04/2019	23:05:52	0.027
442	06/04/2019	23:06:52	0.028
443	06/04/2019	23:07:52	0.027
444	06/04/2019	23:08:52	0.027
445	06/04/2019	23:09:52	0.028
446	06/04/2019	23:10:52	0.027
447	06/04/2019	23:11:52	0.027
448	06/04/2019	23:12:52	0.027
449	06/04/2019	23:13:52	0.027
450	06/04/2019	23:14:52	0.027
451	06/04/2019	23:15:52	0.027
452	06/04/2019	23:16:52	0.027
453	06/04/2019	23:17:52	0.027
454	06/04/2019	23:18:52	0.027
455	06/04/2019	23:19:52	0.027
456	06/04/2019	23:20:52	0.027
457	06/04/2019	23:21:52	0.027
458	06/04/2019	23:22:52	0.027
459	06/04/2019	23:23:52	0.026
460	06/04/2019	23:24:52	0.026
461	06/04/2019	23:25:52	0.026
462	06/04/2019	23:26:52	0.026
463	06/04/2019	23:27:52	0.026
464	06/04/2019	23:28:52	0.027
465	06/04/2019	23:29:52	0.026
466	06/04/2019	23:30:52	0.027
467	06/04/2019	23:31:52	0.027
468	06/04/2019	23:32:52	0.027
469	06/04/2019	23:33:52	0.027
470	06/04/2019	23:34:52	0.027
471	06/04/2019	23:35:52	0.026
472	06/04/2019	23:36:52	0.027
473	06/04/2019	23:37:52	0.027
474	06/04/2019	23:38:52	0.026
475	06/04/2019	23:39:52	0.027
476	06/04/2019	23:40:52	0.026
477	06/04/2019	23:41:52	0.026
478	06/04/2019	23:42:52	0.027
479	06/04/2019	23:43:52	0.026
480	06/04/2019	23:44:52	0.026

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
481	06/04/2019	23:45:52	0.026
482	06/04/2019	23:46:52	0.026
483	06/04/2019	23:47:52	0.026
484	06/04/2019	23:48:52	0.026
485	06/04/2019	23:49:52	0.026
486	06/04/2019	23:50:52	0.026
487	06/04/2019	23:51:52	0.026
488	06/04/2019	23:52:52	0.027
489	06/04/2019	23:53:52	0.026
490	06/04/2019	23:54:52	0.027
491	06/04/2019	23:55:52	0.026
492	06/04/2019	23:56:52	0.026
493	06/04/2019	23:57:52	0.026
494	06/04/2019	23:58:52	0.026
495	06/04/2019	23:59:52	0.026
496	06/05/2019	00:00:52	0.026
497	06/05/2019	00:01:52	0.026
498	06/05/2019	00:02:52	0.026
499	06/05/2019	00:03:52	0.026
500	06/05/2019	00:04:52	0.027
501	06/05/2019	00:05:52	0.027
502	06/05/2019	00:06:52	0.026
503	06/05/2019	00:07:52	0.027
504	06/05/2019	00:08:52	0.027
505	06/05/2019	00:09:52	0.026
506	06/05/2019	00:10:52	0.026
507	06/05/2019	00:11:52	0.026
508	06/05/2019	00:12:52	0.026
509	06/05/2019	00:13:52	0.026
510	06/05/2019	00:14:52	0.026
511	06/05/2019	00:15:52	0.026
512	06/05/2019	00:16:52	0.026
513	06/05/2019	00:17:52	0.026
514	06/05/2019	00:18:52	0.026
515	06/05/2019	00:19:52	0.026
516	06/05/2019	00:20:52	0.026
517	06/05/2019	00:21:52	0.026
518	06/05/2019	00:22:52	0.026
519	06/05/2019	00:23:52	0.026
520	06/05/2019	00:24:52	0.026
521	06/05/2019	00:25:52	0.026
522	06/05/2019	00:26:52	0.026
523	06/05/2019	00:27:52	0.026
524	06/05/2019	00:28:52	0.026
525	06/05/2019	00:29:52	0.026
526	06/05/2019	00:30:52	0.026

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
527	06/05/2019	00:31:52	0.026
528	06/05/2019	00:32:52	0.026
529	06/05/2019	00:33:52	0.026
530	06/05/2019	00:34:52	0.026
531	06/05/2019	00:35:52	0.026
532	06/05/2019	00:36:52	0.026
533	06/05/2019	00:37:52	0.026
534	06/05/2019	00:38:52	0.026
535	06/05/2019	00:39:52	0.026
536	06/05/2019	00:40:52	0.026
537	06/05/2019	00:41:52	0.026
538	06/05/2019	00:42:52	0.025
539	06/05/2019	00:43:52	0.028
540	06/05/2019	00:44:52	0.026
541	06/05/2019	00:45:52	0.027
542	06/05/2019	00:46:52	0.026
543	06/05/2019	00:47:52	0.026
544	06/05/2019	00:48:52	0.025
545	06/05/2019	00:49:52	0.027
546	06/05/2019	00:50:52	0.026
547	06/05/2019	00:51:52	0.025
548	06/05/2019	00:52:52	0.026
549	06/05/2019	00:53:52	0.025
550	06/05/2019	00:54:52	0.026
551	06/05/2019	00:55:52	0.025
552	06/05/2019	00:56:52	0.025
553	06/05/2019	00:57:52	0.025
554	06/05/2019	00:58:52	0.026
555	06/05/2019	00:59:52	0.025
556	06/05/2019	01:00:52	0.025
557	06/05/2019	01:01:52	0.025
558	06/05/2019	01:02:52	0.025
559	06/05/2019	01:03:52	0.025
560	06/05/2019	01:04:52	0.025
561	06/05/2019	01:05:52	0.026
562	06/05/2019	01:06:52	0.025
563	06/05/2019	01:07:52	0.025
564	06/05/2019	01:08:52	0.025
565	06/05/2019	01:09:52	0.026
566	06/05/2019	01:10:52	0.025
567	06/05/2019	01:11:52	0.026
568	06/05/2019	01:12:52	0.025
569	06/05/2019	01:13:52	0.026
570	06/05/2019	01:14:52	0.025
571	06/05/2019	01:15:52	0.025
572	06/05/2019	01:16:52	0.025

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
573	06/05/2019	01:17:52	0.025
574	06/05/2019	01:18:52	0.026
575	06/05/2019	01:19:52	0.025
576	06/05/2019	01:20:52	0.025
577	06/05/2019	01:21:52	0.025
578	06/05/2019	01:22:52	0.025
579	06/05/2019	01:23:52	0.026
580	06/05/2019	01:24:52	0.027
581	06/05/2019	01:25:52	0.025
582	06/05/2019	01:26:52	0.025
583	06/05/2019	01:27:52	0.025
584	06/05/2019	01:28:52	0.026
585	06/05/2019	01:29:52	0.026
586	06/05/2019	01:30:52	0.025
587	06/05/2019	01:31:52	0.025
588	06/05/2019	01:32:52	0.025
589	06/05/2019	01:33:52	0.026
590	06/05/2019	01:34:52	0.025
591	06/05/2019	01:35:52	0.025
592	06/05/2019	01:36:52	0.026
593	06/05/2019	01:37:52	0.025
594	06/05/2019	01:38:52	0.025
595	06/05/2019	01:39:52	0.025
596	06/05/2019	01:40:52	0.025
597	06/05/2019	01:41:52	0.026
598	06/05/2019	01:42:52	0.025
599	06/05/2019	01:43:52	0.025
600	06/05/2019	01:44:52	0.025
601	06/05/2019	01:45:52	0.025
602	06/05/2019	01:46:52	0.025
603	06/05/2019	01:47:52	0.025
604	06/05/2019	01:48:52	0.025
605	06/05/2019	01:49:52	0.026
606	06/05/2019	01:50:52	0.025
607	06/05/2019	01:51:52	0.025
608	06/05/2019	01:52:52	0.026
609	06/05/2019	01:53:52	0.025
610	06/05/2019	01:54:52	0.026
611	06/05/2019	01:55:52	0.026
612	06/05/2019	01:56:52	0.025
613	06/05/2019	01:57:52	0.025
614	06/05/2019	01:58:52	0.025
615	06/05/2019	01:59:52	0.026
616	06/05/2019	02:00:52	0.025
617	06/05/2019	02:01:52	0.025
618	06/05/2019	02:02:52	0.025

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
619	06/05/2019	02:03:52	0.025
620	06/05/2019	02:04:52	0.025
621	06/05/2019	02:05:52	0.025
622	06/05/2019	02:06:52	0.026
623	06/05/2019	02:07:52	0.025
624	06/05/2019	02:08:52	0.025
625	06/05/2019	02:09:52	0.025
626	06/05/2019	02:10:52	0.025
627	06/05/2019	02:11:52	0.026
628	06/05/2019	02:12:52	0.025
629	06/05/2019	02:13:52	0.025
630	06/05/2019	02:14:52	0.024
631	06/05/2019	02:15:52	0.025
632	06/05/2019	02:16:52	0.025
633	06/05/2019	02:17:52	0.025
634	06/05/2019	02:18:52	0.025
635	06/05/2019	02:19:52	0.025
636	06/05/2019	02:20:52	0.025
637	06/05/2019	02:21:52	0.025
638	06/05/2019	02:22:52	0.025
639	06/05/2019	02:23:52	0.025
640	06/05/2019	02:24:52	0.025
641	06/05/2019	02:25:52	0.025
642	06/05/2019	02:26:52	0.025
643	06/05/2019	02:27:52	0.025
644	06/05/2019	02:28:52	0.025
645	06/05/2019	02:29:52	0.025
646	06/05/2019	02:30:52	0.026
647	06/05/2019	02:31:52	0.025
648	06/05/2019	02:32:52	0.025
649	06/05/2019	02:33:52	0.025
650	06/05/2019	02:34:52	0.025
651	06/05/2019	02:35:52	0.025
652	06/05/2019	02:36:52	0.025
653	06/05/2019	02:37:52	0.025
654	06/05/2019	02:38:52	0.026
655	06/05/2019	02:39:52	0.025
656	06/05/2019	02:40:52	0.026
657	06/05/2019	02:41:52	0.025
658	06/05/2019	02:42:52	0.025
659	06/05/2019	02:43:52	0.025
660	06/05/2019	02:44:52	0.025
661	06/05/2019	02:45:52	0.025
662	06/05/2019	02:46:52	0.025
663	06/05/2019	02:47:52	0.025
664	06/05/2019	02:48:52	0.025

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
665	06/05/2019	02:49:52	0.026
666	06/05/2019	02:50:52	0.026
667	06/05/2019	02:51:52	0.026
668	06/05/2019	02:52:52	0.026
669	06/05/2019	02:53:52	0.026
670	06/05/2019	02:54:52	0.026
671	06/05/2019	02:55:52	0.025
672	06/05/2019	02:56:52	0.025
673	06/05/2019	02:57:52	0.025
674	06/05/2019	02:58:52	0.025
675	06/05/2019	02:59:52	0.025
676	06/05/2019	03:00:52	0.026
677	06/05/2019	03:01:52	0.025
678	06/05/2019	03:02:52	0.026
679	06/05/2019	03:03:52	0.025
680	06/05/2019	03:04:52	0.025
681	06/05/2019	03:05:52	0.025
682	06/05/2019	03:06:52	0.026
683	06/05/2019	03:07:52	0.026
684	06/05/2019	03:08:52	0.025
685	06/05/2019	03:09:52	0.025
686	06/05/2019	03:10:52	0.026
687	06/05/2019	03:11:52	0.025
688	06/05/2019	03:12:52	0.025
689	06/05/2019	03:13:52	0.025
690	06/05/2019	03:14:52	0.025
691	06/05/2019	03:15:52	0.026
692	06/05/2019	03:16:52	0.027
693	06/05/2019	03:17:52	0.025
694	06/05/2019	03:18:52	0.027
695	06/05/2019	03:19:52	0.025
696	06/05/2019	03:20:52	0.025
697	06/05/2019	03:21:52	0.025
698	06/05/2019	03:22:52	0.025
699	06/05/2019	03:23:52	0.027
700	06/05/2019	03:24:52	0.026
701	06/05/2019	03:25:52	0.025
702	06/05/2019	03:26:52	0.026
703	06/05/2019	03:27:52	0.027
704	06/05/2019	03:28:52	0.025
705	06/05/2019	03:29:52	0.026
706	06/05/2019	03:30:52	0.026
707	06/05/2019	03:31:52	0.026
708	06/05/2019	03:32:52	0.026
709	06/05/2019	03:33:52	0.025
710	06/05/2019	03:34:52	0.025

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
711	06/05/2019	03:35:52	0.025
712	06/05/2019	03:36:52	0.025
713	06/05/2019	03:37:52	0.025
714	06/05/2019	03:38:52	0.025
715	06/05/2019	03:39:52	0.026
716	06/05/2019	03:40:52	0.025
717	06/05/2019	03:41:52	0.026
718	06/05/2019	03:42:52	0.025
719	06/05/2019	03:43:52	0.025
720	06/05/2019	03:44:52	0.025
721	06/05/2019	03:45:52	0.025
722	06/05/2019	03:46:52	0.025
723	06/05/2019	03:47:52	0.025
724	06/05/2019	03:48:52	0.025
725	06/05/2019	03:49:52	0.025
726	06/05/2019	03:50:52	0.026
727	06/05/2019	03:51:52	0.025
728	06/05/2019	03:52:52	0.026
729	06/05/2019	03:53:52	0.025
730	06/05/2019	03:54:52	0.025
731	06/05/2019	03:55:52	0.026
732	06/05/2019	03:56:52	0.025
733	06/05/2019	03:57:52	0.025
734	06/05/2019	03:58:52	0.025
735	06/05/2019	03:59:52	0.025
736	06/05/2019	04:00:52	0.025
737	06/05/2019	04:01:52	0.025
738	06/05/2019	04:02:52	0.025
739	06/05/2019	04:03:52	0.025
740	06/05/2019	04:04:52	0.025
741	06/05/2019	04:05:52	0.025
742	06/05/2019	04:06:52	0.025
743	06/05/2019	04:07:52	0.026
744	06/05/2019	04:08:52	0.025
745	06/05/2019	04:09:52	0.025
746	06/05/2019	04:10:52	0.025
747	06/05/2019	04:11:52	0.025
748	06/05/2019	04:12:52	0.025
749	06/05/2019	04:13:52	0.025
750	06/05/2019	04:14:52	0.025
751	06/05/2019	04:15:52	0.025
752	06/05/2019	04:16:52	0.025
753	06/05/2019	04:17:52	0.025
754	06/05/2019	04:18:52	0.026
755	06/05/2019	04:19:52	0.025
756	06/05/2019	04:20:52	0.025

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
757	06/05/2019	04:21:52	0.025
758	06/05/2019	04:22:52	0.025
759	06/05/2019	04:23:52	0.025
760	06/05/2019	04:24:52	0.024
761	06/05/2019	04:25:52	0.025
762	06/05/2019	04:26:52	0.025
763	06/05/2019	04:27:52	0.025
764	06/05/2019	04:28:52	0.025
765	06/05/2019	04:29:52	0.025
766	06/05/2019	04:30:52	0.025
767	06/05/2019	04:31:52	0.025
768	06/05/2019	04:32:52	0.025
769	06/05/2019	04:33:52	0.025
770	06/05/2019	04:34:52	0.025
771	06/05/2019	04:35:52	0.025
772	06/05/2019	04:36:52	0.024
773	06/05/2019	04:37:52	0.025
774	06/05/2019	04:38:52	0.025
775	06/05/2019	04:39:52	0.025
776	06/05/2019	04:40:52	0.025
777	06/05/2019	04:41:52	0.025
778	06/05/2019	04:42:52	0.025
779	06/05/2019	04:43:52	0.025
780	06/05/2019	04:44:52	0.025
781	06/05/2019	04:45:52	0.025
782	06/05/2019	04:46:52	0.025
783	06/05/2019	04:47:52	0.027
784	06/05/2019	04:48:52	0.025
785	06/05/2019	04:49:52	0.025
786	06/05/2019	04:50:52	0.025
787	06/05/2019	04:51:52	0.025
788	06/05/2019	04:52:52	0.025
789	06/05/2019	04:53:52	0.025
790	06/05/2019	04:54:52	0.024
791	06/05/2019	04:55:52	0.025
792	06/05/2019	04:56:52	0.025
793	06/05/2019	04:57:52	0.025
794	06/05/2019	04:58:52	0.025
795	06/05/2019	04:59:52	0.025
796	06/05/2019	05:00:52	0.025
797	06/05/2019	05:01:52	0.026
798	06/05/2019	05:02:52	0.026
799	06/05/2019	05:03:52	0.025
800	06/05/2019	05:04:52	0.025
801	06/05/2019	05:05:52	0.025
802	06/05/2019	05:06:52	0.025

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
803	06/05/2019	05:07:52	0.025
804	06/05/2019	05:08:52	0.025
805	06/05/2019	05:09:52	0.025
806	06/05/2019	05:10:52	0.025
807	06/05/2019	05:11:52	0.025
808	06/05/2019	05:12:52	0.026
809	06/05/2019	05:13:52	0.024
810	06/05/2019	05:14:52	0.024
811	06/05/2019	05:15:52	0.024
812	06/05/2019	05:16:52	0.025
813	06/05/2019	05:17:52	0.025
814	06/05/2019	05:18:52	0.025
815	06/05/2019	05:19:52	0.025
816	06/05/2019	05:20:52	0.025
817	06/05/2019	05:21:52	0.024
818	06/05/2019	05:22:52	0.024
819	06/05/2019	05:23:52	0.024
820	06/05/2019	05:24:52	0.025
821	06/05/2019	05:25:52	0.025
822	06/05/2019	05:26:52	0.025
823	06/05/2019	05:27:52	0.025
824	06/05/2019	05:28:52	0.024
825	06/05/2019	05:29:52	0.025
826	06/05/2019	05:30:52	0.025
827	06/05/2019	05:31:52	0.025
828	06/05/2019	05:32:52	0.024
829	06/05/2019	05:33:52	0.025
830	06/05/2019	05:34:52	0.025
831	06/05/2019	05:35:52	0.024
832	06/05/2019	05:36:52	0.024
833	06/05/2019	05:37:52	0.025
834	06/05/2019	05:38:52	0.025
835	06/05/2019	05:39:52	0.025
836	06/05/2019	05:40:52	0.024
837	06/05/2019	05:41:52	0.025
838	06/05/2019	05:42:52	0.025
839	06/05/2019	05:43:52	0.024
840	06/05/2019	05:44:52	0.024
841	06/05/2019	05:45:52	0.025
842	06/05/2019	05:46:52	0.025
843	06/05/2019	05:47:52	0.025
844	06/05/2019	05:48:52	0.025
845	06/05/2019	05:49:52	0.025
846	06/05/2019	05:50:52	0.025
847	06/05/2019	05:51:52	0.025
848	06/05/2019	05:52:52	0.024

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
849	06/05/2019	05:53:52	0.025
850	06/05/2019	05:54:52	0.025
851	06/05/2019	05:55:52	0.025
852	06/05/2019	05:56:52	0.025
853	06/05/2019	05:57:52	0.025
854	06/05/2019	05:58:52	0.024
855	06/05/2019	05:59:52	0.024
856	06/05/2019	06:00:52	0.025
857	06/05/2019	06:01:52	0.025
858	06/05/2019	06:02:52	0.025
859	06/05/2019	06:03:52	0.025
860	06/05/2019	06:04:52	0.025
861	06/05/2019	06:05:52	0.025
862	06/05/2019	06:06:52	0.025
863	06/05/2019	06:07:52	0.025
864	06/05/2019	06:08:52	0.025
865	06/05/2019	06:09:52	0.024
866	06/05/2019	06:10:52	0.024
867	06/05/2019	06:11:52	0.025
868	06/05/2019	06:12:52	0.024
869	06/05/2019	06:13:52	0.025
870	06/05/2019	06:14:52	0.024
871	06/05/2019	06:15:52	0.025
872	06/05/2019	06:16:52	0.025
873	06/05/2019	06:17:52	0.025
874	06/05/2019	06:18:52	0.025
875	06/05/2019	06:19:52	0.025
876	06/05/2019	06:20:52	0.025
877	06/05/2019	06:21:52	0.025
878	06/05/2019	06:22:52	0.025
879	06/05/2019	06:23:52	0.025
880	06/05/2019	06:24:52	0.025
881	06/05/2019	06:25:52	0.025
882	06/05/2019	06:26:52	0.025
883	06/05/2019	06:27:52	0.025
884	06/05/2019	06:28:52	0.025
885	06/05/2019	06:29:52	0.025
886	06/05/2019	06:30:52	0.025
887	06/05/2019	06:31:52	0.025
888	06/05/2019	06:32:52	0.025
889	06/05/2019	06:33:52	0.025
890	06/05/2019	06:34:52	0.025
891	06/05/2019	06:35:52	0.025
892	06/05/2019	06:36:52	0.025
893	06/05/2019	06:37:52	0.025
894	06/05/2019	06:38:52	0.025

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
895	06/05/2019	06:39:52	0.025
896	06/05/2019	06:40:52	0.025
897	06/05/2019	06:41:52	0.025
898	06/05/2019	06:42:52	0.025
899	06/05/2019	06:43:52	0.025
900	06/05/2019	06:44:52	0.025
901	06/05/2019	06:45:52	0.025
902	06/05/2019	06:46:52	0.025
903	06/05/2019	06:47:52	0.025
904	06/05/2019	06:48:52	0.025
905	06/05/2019	06:49:52	0.025
906	06/05/2019	06:50:52	0.025
907	06/05/2019	06:51:52	0.025
908	06/05/2019	06:52:52	0.025
909	06/05/2019	06:53:52	0.025
910	06/05/2019	06:54:52	0.025
911	06/05/2019	06:55:52	0.025
912	06/05/2019	06:56:52	0.026
913	06/05/2019	06:57:52	0.025
914	06/05/2019	06:58:52	0.025
915	06/05/2019	06:59:52	0.026
916	06/05/2019	07:00:52	0.026
917	06/05/2019	07:01:52	0.026
918	06/05/2019	07:02:52	0.026
919	06/05/2019	07:03:52	0.026
920	06/05/2019	07:04:52	0.025
921	06/05/2019	07:05:52	0.026
922	06/05/2019	07:06:52	0.026
923	06/05/2019	07:07:52	0.026
924	06/05/2019	07:08:52	0.026
925	06/05/2019	07:09:52	0.026
926	06/05/2019	07:10:52	0.026
927	06/05/2019	07:11:52	0.026
928	06/05/2019	07:12:52	0.026
929	06/05/2019	07:13:52	0.026
930	06/05/2019	07:14:52	0.026
931	06/05/2019	07:15:52	0.027
932	06/05/2019	07:16:52	0.027
933	06/05/2019	07:17:52	0.026
934	06/05/2019	07:18:52	0.027
935	06/05/2019	07:19:52	0.027
936	06/05/2019	07:20:52	0.026
937	06/05/2019	07:21:52	0.026
938	06/05/2019	07:22:52	0.027
939	06/05/2019	07:23:52	0.026
940	06/05/2019	07:24:52	0.027

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
941	06/05/2019	07:25:52	0.027
942	06/05/2019	07:26:52	0.026
943	06/05/2019	07:27:52	0.026
944	06/05/2019	07:28:52	0.027
945	06/05/2019	07:29:52	0.027
946	06/05/2019	07:30:52	0.027
947	06/05/2019	07:31:52	0.027
948	06/05/2019	07:32:52	0.026
949	06/05/2019	07:33:52	0.027
950	06/05/2019	07:34:52	0.027
951	06/05/2019	07:35:52	0.027
952	06/05/2019	07:36:52	0.027
953	06/05/2019	07:37:52	0.027
954	06/05/2019	07:38:52	0.027
955	06/05/2019	07:39:52	0.027
956	06/05/2019	07:40:52	0.027
957	06/05/2019	07:41:52	0.027
958	06/05/2019	07:42:52	0.027
959	06/05/2019	07:43:52	0.028
960	06/05/2019	07:44:52	0.027
961	06/05/2019	07:45:52	0.027
962	06/05/2019	07:46:52	0.027
963	06/05/2019	07:47:52	0.027
964	06/05/2019	07:48:52	0.027
965	06/05/2019	07:49:52	0.027
966	06/05/2019	07:50:52	0.027
967	06/05/2019	07:51:52	0.028
968	06/05/2019	07:52:52	0.027
969	06/05/2019	07:53:52	0.028
970	06/05/2019	07:54:52	0.028
971	06/05/2019	07:55:52	0.028
972	06/05/2019	07:56:52	0.028
973	06/05/2019	07:57:52	0.028
974	06/05/2019	07:58:52	0.029
975	06/05/2019	07:59:52	0.028
976	06/05/2019	08:00:52	0.027
977	06/05/2019	08:01:52	0.028
978	06/05/2019	08:02:52	0.032
979	06/05/2019	08:03:52	0.072
980	06/05/2019	08:04:52	0.076
981	06/05/2019	08:05:52	0.055
982	06/05/2019	08:06:52	0.040
983	06/05/2019	08:07:52	0.050
984	06/05/2019	08:08:52	0.053
985	06/05/2019	08:09:52	0.046
986	06/05/2019	08:10:52	0.048

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**

Test 005

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/05/2019
Instrument S/N	8530132432	Start Time	08:30:35
		Stop Date	06/05/2019
		Stop Time	14:24:35
		Total Time	0:05:54:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.228 mg/m^3
Max	0.685 mg/m^3
Max Date	06/05/2019
Max Time	10:42:35
Min	0.038 mg/m^3
Min Date	06/05/2019
Min Time	12:21:35
TWA (8 hr)	0.168
TWA Start Date	06/05/2019
TWA Start Time	08:30:35
TWA End Time	14:24:35

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	06/05/2019	08:31:35	0.070
2	06/05/2019	08:32:35	0.127
3	06/05/2019	08:33:35	0.195
4	06/05/2019	08:34:35	0.248
5	06/05/2019	08:35:35	0.152
6	06/05/2019	08:36:35	0.234
7	06/05/2019	08:37:35	0.350
8	06/05/2019	08:38:35	0.323
9	06/05/2019	08:39:35	0.328
10	06/05/2019	08:40:35	0.201
11	06/05/2019	08:41:35	0.156
12	06/05/2019	08:42:35	0.130
13	06/05/2019	08:43:35	0.170
14	06/05/2019	08:44:35	0.200
15	06/05/2019	08:45:35	0.282
16	06/05/2019	08:46:35	0.134
17	06/05/2019	08:47:35	0.235
18	06/05/2019	08:48:35	0.280
19	06/05/2019	08:49:35	0.409
20	06/05/2019	08:50:35	0.333
21	06/05/2019	08:51:35	0.281

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	06/05/2019	08:52:35	0.302
23	06/05/2019	08:53:35	0.382
24	06/05/2019	08:54:35	0.436
25	06/05/2019	08:55:35	0.411
26	06/05/2019	08:56:35	0.342
27	06/05/2019	08:57:35	0.176
28	06/05/2019	08:58:35	0.188
29	06/05/2019	08:59:35	0.377
30	06/05/2019	09:00:35	0.182
31	06/05/2019	09:01:35	0.434
32	06/05/2019	09:02:35	0.261
33	06/05/2019	09:03:35	0.249
34	06/05/2019	09:04:35	0.238
35	06/05/2019	09:05:35	0.252
36	06/05/2019	09:06:35	0.289
37	06/05/2019	09:07:35	0.331
38	06/05/2019	09:08:35	0.548
39	06/05/2019	09:09:35	0.248
40	06/05/2019	09:10:35	0.229
41	06/05/2019	09:11:35	0.375
42	06/05/2019	09:12:35	0.462
43	06/05/2019	09:13:35	0.200
44	06/05/2019	09:14:35	0.318
45	06/05/2019	09:15:35	0.267
46	06/05/2019	09:16:35	0.426
47	06/05/2019	09:17:35	0.320
48	06/05/2019	09:18:35	0.288
49	06/05/2019	09:19:35	0.255
50	06/05/2019	09:20:35	0.287
51	06/05/2019	09:21:35	0.266
52	06/05/2019	09:22:35	0.243
53	06/05/2019	09:23:35	0.464
54	06/05/2019	09:24:35	0.329
55	06/05/2019	09:25:35	0.470
56	06/05/2019	09:26:35	0.536
57	06/05/2019	09:27:35	0.391
58	06/05/2019	09:28:35	0.379
59	06/05/2019	09:29:35	0.520
60	06/05/2019	09:30:35	0.517
61	06/05/2019	09:31:35	0.501
62	06/05/2019	09:32:35	0.495
63	06/05/2019	09:33:35	0.326
64	06/05/2019	09:34:35	0.382
65	06/05/2019	09:35:35	0.480
66	06/05/2019	09:36:35	0.468
67	06/05/2019	09:37:35	0.492

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
68	06/05/2019	09:38:35	0.462
69	06/05/2019	09:39:35	0.409
70	06/05/2019	09:40:35	0.272
71	06/05/2019	09:41:35	0.303
72	06/05/2019	09:42:35	0.354
73	06/05/2019	09:43:35	0.344
74	06/05/2019	09:44:35	0.354
75	06/05/2019	09:45:35	0.417
76	06/05/2019	09:46:35	0.320
77	06/05/2019	09:47:35	0.399
78	06/05/2019	09:48:35	0.315
79	06/05/2019	09:49:35	0.405
80	06/05/2019	09:50:35	0.427
81	06/05/2019	09:51:35	0.342
82	06/05/2019	09:52:35	0.390
83	06/05/2019	09:53:35	0.362
84	06/05/2019	09:54:35	0.399
85	06/05/2019	09:55:35	0.262
86	06/05/2019	09:56:35	0.258
87	06/05/2019	09:57:35	0.196
88	06/05/2019	09:58:35	0.197
89	06/05/2019	09:59:35	0.230
90	06/05/2019	10:00:35	0.391
91	06/05/2019	10:01:35	0.352
92	06/05/2019	10:02:35	0.294
93	06/05/2019	10:03:35	0.271
94	06/05/2019	10:04:35	0.281
95	06/05/2019	10:05:35	0.274
96	06/05/2019	10:06:35	0.258
97	06/05/2019	10:07:35	0.270
98	06/05/2019	10:08:35	0.300
99	06/05/2019	10:09:35	0.282
100	06/05/2019	10:10:35	0.215
101	06/05/2019	10:11:35	0.350
102	06/05/2019	10:12:35	0.287
103	06/05/2019	10:13:35	0.354
104	06/05/2019	10:14:35	0.326
105	06/05/2019	10:15:35	0.308
106	06/05/2019	10:16:35	0.262
107	06/05/2019	10:17:35	0.310
108	06/05/2019	10:18:35	0.255
109	06/05/2019	10:19:35	0.334
110	06/05/2019	10:20:35	0.407
111	06/05/2019	10:21:35	0.330
112	06/05/2019	10:22:35	0.289
113	06/05/2019	10:23:35	0.237

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
114	06/05/2019	10:24:35	0.282
115	06/05/2019	10:25:35	0.425
116	06/05/2019	10:26:35	0.352
117	06/05/2019	10:27:35	0.403
118	06/05/2019	10:28:35	0.423
119	06/05/2019	10:29:35	0.399
120	06/05/2019	10:30:35	0.281
121	06/05/2019	10:31:35	0.266
122	06/05/2019	10:32:35	0.320
123	06/05/2019	10:33:35	0.324
124	06/05/2019	10:34:35	0.249
125	06/05/2019	10:35:35	0.362
126	06/05/2019	10:36:35	0.424
127	06/05/2019	10:37:35	0.507
128	06/05/2019	10:38:35	0.537
129	06/05/2019	10:39:35	0.590
130	06/05/2019	10:40:35	0.628
131	06/05/2019	10:41:35	0.681
132	06/05/2019	10:42:35	0.685
133	06/05/2019	10:43:35	0.452
134	06/05/2019	10:44:35	0.456
135	06/05/2019	10:45:35	0.456
136	06/05/2019	10:46:35	0.328
137	06/05/2019	10:47:35	0.409
138	06/05/2019	10:48:35	0.305
139	06/05/2019	10:49:35	0.351
140	06/05/2019	10:50:35	0.292
141	06/05/2019	10:51:35	0.306
142	06/05/2019	10:52:35	0.348
143	06/05/2019	10:53:35	0.241
144	06/05/2019	10:54:35	0.324
145	06/05/2019	10:55:35	0.355
146	06/05/2019	10:56:35	0.282
147	06/05/2019	10:57:35	0.224
148	06/05/2019	10:58:35	0.247
149	06/05/2019	10:59:35	0.163
150	06/05/2019	11:00:35	0.167
151	06/05/2019	11:01:35	0.298
152	06/05/2019	11:02:35	0.297
153	06/05/2019	11:03:35	0.238
154	06/05/2019	11:04:35	0.273
155	06/05/2019	11:05:35	0.275
156	06/05/2019	11:06:35	0.272
157	06/05/2019	11:07:35	0.286
158	06/05/2019	11:08:35	0.330
159	06/05/2019	11:09:35	0.383

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
160	06/05/2019	11:10:35	0.361
161	06/05/2019	11:11:35	0.543
162	06/05/2019	11:12:35	0.644
163	06/05/2019	11:13:35	0.373
164	06/05/2019	11:14:35	0.366
165	06/05/2019	11:15:35	0.255
166	06/05/2019	11:16:35	0.258
167	06/05/2019	11:17:35	0.232
168	06/05/2019	11:18:35	0.276
169	06/05/2019	11:19:35	0.180
170	06/05/2019	11:20:35	0.224
171	06/05/2019	11:21:35	0.153
172	06/05/2019	11:22:35	0.184
173	06/05/2019	11:23:35	0.184
174	06/05/2019	11:24:35	0.194
175	06/05/2019	11:25:35	0.130
176	06/05/2019	11:26:35	0.169
177	06/05/2019	11:27:35	0.100
178	06/05/2019	11:28:35	0.130
179	06/05/2019	11:29:35	0.128
180	06/05/2019	11:30:35	0.124
181	06/05/2019	11:31:35	0.135
182	06/05/2019	11:32:35	0.095
183	06/05/2019	11:33:35	0.090
184	06/05/2019	11:34:35	0.075
185	06/05/2019	11:35:35	0.077
186	06/05/2019	11:36:35	0.071
187	06/05/2019	11:37:35	0.065
188	06/05/2019	11:38:35	0.064
189	06/05/2019	11:39:35	0.058
190	06/05/2019	11:40:35	0.077
191	06/05/2019	11:41:35	0.093
192	06/05/2019	11:42:35	0.065
193	06/05/2019	11:43:35	0.064
194	06/05/2019	11:44:35	0.068
195	06/05/2019	11:45:35	0.053
196	06/05/2019	11:46:35	0.058
197	06/05/2019	11:47:35	0.058
198	06/05/2019	11:48:35	0.058
199	06/05/2019	11:49:35	0.053
200	06/05/2019	11:50:35	0.050
201	06/05/2019	11:51:35	0.054
202	06/05/2019	11:52:35	0.053
203	06/05/2019	11:53:35	0.055
204	06/05/2019	11:54:35	0.057
205	06/05/2019	11:55:35	0.049

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
206	06/05/2019	11:56:35	0.049
207	06/05/2019	11:57:35	0.050
208	06/05/2019	11:58:35	0.056
209	06/05/2019	11:59:35	0.051
210	06/05/2019	12:00:35	0.051
211	06/05/2019	12:01:35	0.053
212	06/05/2019	12:02:35	0.050
213	06/05/2019	12:03:35	0.049
214	06/05/2019	12:04:35	0.050
215	06/05/2019	12:05:35	0.050
216	06/05/2019	12:06:35	0.049
217	06/05/2019	12:07:35	0.044
218	06/05/2019	12:08:35	0.047
219	06/05/2019	12:09:35	0.048
220	06/05/2019	12:10:35	0.046
221	06/05/2019	12:11:35	0.043
222	06/05/2019	12:12:35	0.043
223	06/05/2019	12:13:35	0.041
224	06/05/2019	12:14:35	0.043
225	06/05/2019	12:15:35	0.044
226	06/05/2019	12:16:35	0.043
227	06/05/2019	12:17:35	0.044
228	06/05/2019	12:18:35	0.041
229	06/05/2019	12:19:35	0.044
230	06/05/2019	12:20:35	0.045
231	06/05/2019	12:21:35	0.038
232	06/05/2019	12:22:35	0.039
233	06/05/2019	12:23:35	0.047
234	06/05/2019	12:24:35	0.049
235	06/05/2019	12:25:35	0.046
236	06/05/2019	12:26:35	0.043
237	06/05/2019	12:27:35	0.042
238	06/05/2019	12:28:35	0.040
239	06/05/2019	12:29:35	0.044
240	06/05/2019	12:30:35	0.047
241	06/05/2019	12:31:35	0.046
242	06/05/2019	12:32:35	0.042
243	06/05/2019	12:33:35	0.041
244	06/05/2019	12:34:35	0.044
245	06/05/2019	12:35:35	0.044
246	06/05/2019	12:36:35	0.042
247	06/05/2019	12:37:35	0.043
248	06/05/2019	12:38:35	0.045
249	06/05/2019	12:39:35	0.083
250	06/05/2019	12:40:35	0.060
251	06/05/2019	12:41:35	0.051

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
252	06/05/2019	12:42:35	0.056
253	06/05/2019	12:43:35	0.057
254	06/05/2019	12:44:35	0.053
255	06/05/2019	12:45:35	0.053
256	06/05/2019	12:46:35	0.055
257	06/05/2019	12:47:35	0.051
258	06/05/2019	12:48:35	0.054
259	06/05/2019	12:49:35	0.049
260	06/05/2019	12:50:35	0.046
261	06/05/2019	12:51:35	0.070
262	06/05/2019	12:52:35	0.102
263	06/05/2019	12:53:35	0.071
264	06/05/2019	12:54:35	0.116
265	06/05/2019	12:55:35	0.176
266	06/05/2019	12:56:35	0.285
267	06/05/2019	12:57:35	0.184
268	06/05/2019	12:58:35	0.149
269	06/05/2019	12:59:35	0.171
270	06/05/2019	13:00:35	0.177
271	06/05/2019	13:01:35	0.203
272	06/05/2019	13:02:35	0.211
273	06/05/2019	13:03:35	0.219
274	06/05/2019	13:04:35	0.251
275	06/05/2019	13:05:35	0.225
276	06/05/2019	13:06:35	0.223
277	06/05/2019	13:07:35	0.324
278	06/05/2019	13:08:35	0.222
279	06/05/2019	13:09:35	0.242
280	06/05/2019	13:10:35	0.203
281	06/05/2019	13:11:35	0.304
282	06/05/2019	13:12:35	0.214
283	06/05/2019	13:13:35	0.274
284	06/05/2019	13:14:35	0.396
285	06/05/2019	13:15:35	0.272
286	06/05/2019	13:16:35	0.234
287	06/05/2019	13:17:35	0.320
288	06/05/2019	13:18:35	0.419
289	06/05/2019	13:19:35	0.413
290	06/05/2019	13:20:35	0.431
291	06/05/2019	13:21:35	0.395
292	06/05/2019	13:22:35	0.337
293	06/05/2019	13:23:35	0.588
294	06/05/2019	13:24:35	0.461
295	06/05/2019	13:25:35	0.401
296	06/05/2019	13:26:35	0.451
297	06/05/2019	13:27:35	0.352

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
298	06/05/2019	13:28:35	0.380
299	06/05/2019	13:29:35	0.607
300	06/05/2019	13:30:35	0.527
301	06/05/2019	13:31:35	0.475
302	06/05/2019	13:32:35	0.467
303	06/05/2019	13:33:35	0.496
304	06/05/2019	13:34:35	0.213
305	06/05/2019	13:35:35	0.257
306	06/05/2019	13:36:35	0.199
307	06/05/2019	13:37:35	0.183
308	06/05/2019	13:38:35	0.305
309	06/05/2019	13:39:35	0.210
310	06/05/2019	13:40:35	0.255
311	06/05/2019	13:41:35	0.194
312	06/05/2019	13:42:35	0.168
313	06/05/2019	13:43:35	0.252
314	06/05/2019	13:44:35	0.168
315	06/05/2019	13:45:35	0.169
316	06/05/2019	13:46:35	0.149
317	06/05/2019	13:47:35	0.143
318	06/05/2019	13:48:35	0.125
319	06/05/2019	13:49:35	0.139
320	06/05/2019	13:50:35	0.104
321	06/05/2019	13:51:35	0.123
322	06/05/2019	13:52:35	0.127
323	06/05/2019	13:53:35	0.121
324	06/05/2019	13:54:35	0.122
325	06/05/2019	13:55:35	0.127
326	06/05/2019	13:56:35	0.118
327	06/05/2019	13:57:35	0.095
328	06/05/2019	13:58:35	0.103
329	06/05/2019	13:59:35	0.090
330	06/05/2019	14:00:35	0.082
331	06/05/2019	14:01:35	0.093
332	06/05/2019	14:02:35	0.067
333	06/05/2019	14:03:35	0.072
334	06/05/2019	14:04:35	0.067
335	06/05/2019	14:05:35	0.081
336	06/05/2019	14:06:35	0.061
337	06/05/2019	14:07:35	0.060
338	06/05/2019	14:08:35	0.061
339	06/05/2019	14:09:35	0.058
340	06/05/2019	14:10:35	0.063
341	06/05/2019	14:11:35	0.057
342	06/05/2019	14:12:35	0.074
343	06/05/2019	14:13:35	0.062

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
344	06/05/2019	14:14:35	0.058
345	06/05/2019	14:15:35	0.058
346	06/05/2019	14:16:35	0.061
347	06/05/2019	14:17:35	0.056
348	06/05/2019	14:18:35	0.054
349	06/05/2019	14:19:35	0.059
350	06/05/2019	14:20:35	0.054
351	06/05/2019	14:21:35	0.057
352	06/05/2019	14:22:35	0.056
353	06/05/2019	14:23:35	0.051
354	06/05/2019	14:24:35	0.051

Test 001

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/30/2019
Instrument S/N	8530171505	Start Time	13:39:45
		Stop Date	05/30/2019
		Stop Time	15:45:45
		Total Time	0:02:06:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.054 mg/m^3
Max	0.114 mg/m^3
Max Date	05/30/2019
Max Time	15:15:45
Min	0.021 mg/m^3
Min Date	05/30/2019
Min Time	14:36:45
TWA (8 hr)	0.014
TWA Start Date	05/30/2019
TWA Start Time	13:39:45
TWA End Time	15:45:45

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/30/2019	13:40:45	0.044
2	05/30/2019	13:41:45	0.038
3	05/30/2019	13:42:45	0.053
4	05/30/2019	13:43:45	0.061
5	05/30/2019	13:44:45	0.025
6	05/30/2019	13:45:45	0.037
7	05/30/2019	13:46:45	0.063
8	05/30/2019	13:47:45	0.064
9	05/30/2019	13:48:45	0.055
10	05/30/2019	13:49:45	0.028
11	05/30/2019	13:50:45	0.060
12	05/30/2019	13:51:45	0.072
13	05/30/2019	13:52:45	0.065
14	05/30/2019	13:53:45	0.075
15	05/30/2019	13:54:45	0.091
16	05/30/2019	13:55:45	0.072
17	05/30/2019	13:56:45	0.108
18	05/30/2019	13:57:45	0.055
19	05/30/2019	13:58:45	0.056
20	05/30/2019	13:59:45	0.059
21	05/30/2019	14:00:45	0.058

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	05/30/2019	14:01:45	0.053
23	05/30/2019	14:02:45	0.051
24	05/30/2019	14:03:45	0.058
25	05/30/2019	14:04:45	0.056
26	05/30/2019	14:05:45	0.025
27	05/30/2019	14:06:45	0.047
28	05/30/2019	14:07:45	0.054
29	05/30/2019	14:08:45	0.047
30	05/30/2019	14:09:45	0.048
31	05/30/2019	14:10:45	0.048
32	05/30/2019	14:11:45	0.082
33	05/30/2019	14:12:45	0.074
34	05/30/2019	14:13:45	0.035
35	05/30/2019	14:14:45	0.026
36	05/30/2019	14:15:45	0.032
37	05/30/2019	14:16:45	0.043
38	05/30/2019	14:17:45	0.053
39	05/30/2019	14:18:45	0.049
40	05/30/2019	14:19:45	0.038
41	05/30/2019	14:20:45	0.047
42	05/30/2019	14:21:45	0.029
43	05/30/2019	14:22:45	0.025
44	05/30/2019	14:23:45	0.028
45	05/30/2019	14:24:45	0.029
46	05/30/2019	14:25:45	0.039
47	05/30/2019	14:26:45	0.053
48	05/30/2019	14:27:45	0.079
49	05/30/2019	14:28:45	0.064
50	05/30/2019	14:29:45	0.068
51	05/30/2019	14:30:45	0.024
52	05/30/2019	14:31:45	0.032
53	05/30/2019	14:32:45	0.030
54	05/30/2019	14:33:45	0.023
55	05/30/2019	14:34:45	0.022
56	05/30/2019	14:35:45	0.025
57	05/30/2019	14:36:45	0.021
58	05/30/2019	14:37:45	0.021
59	05/30/2019	14:38:45	0.027
60	05/30/2019	14:39:45	0.051
61	05/30/2019	14:40:45	0.025
62	05/30/2019	14:41:45	0.058
63	05/30/2019	14:42:45	0.026
64	05/30/2019	14:43:45	0.030
65	05/30/2019	14:44:45	0.068
66	05/30/2019	14:45:45	0.069
67	05/30/2019	14:46:45	0.054

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
68	05/30/2019	14:47:45	0.048
69	05/30/2019	14:48:45	0.051
70	05/30/2019	14:49:45	0.046
71	05/30/2019	14:50:45	0.044
72	05/30/2019	14:51:45	0.081
73	05/30/2019	14:52:45	0.065
74	05/30/2019	14:53:45	0.051
75	05/30/2019	14:54:45	0.071
76	05/30/2019	14:55:45	0.035
77	05/30/2019	14:56:45	0.066
78	05/30/2019	14:57:45	0.093
79	05/30/2019	14:58:45	0.068
80	05/30/2019	14:59:45	0.084
81	05/30/2019	15:00:45	0.072
82	05/30/2019	15:01:45	0.088
83	05/30/2019	15:02:45	0.046
84	05/30/2019	15:03:45	0.032
85	05/30/2019	15:04:45	0.041
86	05/30/2019	15:05:45	0.025
87	05/30/2019	15:06:45	0.045
88	05/30/2019	15:07:45	0.051
89	05/30/2019	15:08:45	0.061
90	05/30/2019	15:09:45	0.065
91	05/30/2019	15:10:45	0.094
92	05/30/2019	15:11:45	0.090
93	05/30/2019	15:12:45	0.066
94	05/30/2019	15:13:45	0.088
95	05/30/2019	15:14:45	0.068
96	05/30/2019	15:15:45	0.114
97	05/30/2019	15:16:45	0.040
98	05/30/2019	15:17:45	0.069
99	05/30/2019	15:18:45	0.070
100	05/30/2019	15:19:45	0.042
101	05/30/2019	15:20:45	0.056
102	05/30/2019	15:21:45	0.073
103	05/30/2019	15:22:45	0.080
104	05/30/2019	15:23:45	0.076
105	05/30/2019	15:24:45	0.088
106	05/30/2019	15:25:45	0.055
107	05/30/2019	15:26:45	0.075
108	05/30/2019	15:27:45	0.047
109	05/30/2019	15:28:45	0.067
110	05/30/2019	15:29:45	0.062
111	05/30/2019	15:30:45	0.052
112	05/30/2019	15:31:45	0.050
113	05/30/2019	15:32:45	0.048

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
114	05/30/2019	15:33:45	0.064
115	05/30/2019	15:34:45	0.040
116	05/30/2019	15:35:45	0.061
117	05/30/2019	15:36:45	0.058
118	05/30/2019	15:37:45	0.055
119	05/30/2019	15:38:45	0.047
120	05/30/2019	15:39:45	0.046
121	05/30/2019	15:40:45	0.067
122	05/30/2019	15:41:45	0.045
123	05/30/2019	15:42:45	0.054
124	05/30/2019	15:43:45	0.068
125	05/30/2019	15:44:45	0.065
126	05/30/2019	15:45:45	0.069

Test 002

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/31/2019
Instrument S/N	8530171505	Start Time	11:06:33
		Stop Date	05/31/2019
		Stop Time	16:30:33
		Total Time	0:05:24:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.116 mg/m^3
Max	0.527 mg/m^3
Max Date	05/31/2019
Max Time	16:07:33
Min	0.007 mg/m^3
Min Date	05/31/2019
Min Time	13:10:33
TWA (8 hr)	0.078
TWA Start Date	05/31/2019
TWA Start Time	11:06:33
TWA End Time	16:30:33

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/31/2019	11:07:33	0.111
2	05/31/2019	11:08:33	0.039
3	05/31/2019	11:09:33	0.013
4	05/31/2019	11:10:33	0.049
5	05/31/2019	11:11:33	0.052
6	05/31/2019	11:12:33	0.040
7	05/31/2019	11:13:33	0.038
8	05/31/2019	11:14:33	0.032
9	05/31/2019	11:15:33	0.012
10	05/31/2019	11:16:33	0.074
11	05/31/2019	11:17:33	0.115
12	05/31/2019	11:18:33	0.026
13	05/31/2019	11:19:33	0.035
14	05/31/2019	11:20:33	0.023
15	05/31/2019	11:21:33	0.083
16	05/31/2019	11:22:33	0.100
17	05/31/2019	11:23:33	0.105
18	05/31/2019	11:24:33	0.088
19	05/31/2019	11:25:33	0.078
20	05/31/2019	11:26:33	0.086
21	05/31/2019	11:27:33	0.077

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	05/31/2019	11:28:33	0.084
23	05/31/2019	11:29:33	0.070
24	05/31/2019	11:30:33	0.062
25	05/31/2019	11:31:33	0.044
26	05/31/2019	11:32:33	0.069
27	05/31/2019	11:33:33	0.154
28	05/31/2019	11:34:33	0.131
29	05/31/2019	11:35:33	0.046
30	05/31/2019	11:36:33	0.074
31	05/31/2019	11:37:33	0.157
32	05/31/2019	11:38:33	0.087
33	05/31/2019	11:39:33	0.131
34	05/31/2019	11:40:33	0.060
35	05/31/2019	11:41:33	0.183
36	05/31/2019	11:42:33	0.212
37	05/31/2019	11:43:33	0.057
38	05/31/2019	11:44:33	0.096
39	05/31/2019	11:45:33	0.041
40	05/31/2019	11:46:33	0.026
41	05/31/2019	11:47:33	0.009
42	05/31/2019	11:48:33	0.075
43	05/31/2019	11:49:33	0.139
44	05/31/2019	11:50:33	0.067
45	05/31/2019	11:51:33	0.101
46	05/31/2019	11:52:33	0.099
47	05/31/2019	11:53:33	0.081
48	05/31/2019	11:54:33	0.107
49	05/31/2019	11:55:33	0.194
50	05/31/2019	11:56:33	0.182
51	05/31/2019	11:57:33	0.197
52	05/31/2019	11:58:33	0.198
53	05/31/2019	11:59:33	0.089
54	05/31/2019	12:00:33	0.128
55	05/31/2019	12:01:33	0.092
56	05/31/2019	12:02:33	0.063
57	05/31/2019	12:03:33	0.096
58	05/31/2019	12:04:33	0.032
59	05/31/2019	12:05:33	0.134
60	05/31/2019	12:06:33	0.066
61	05/31/2019	12:07:33	0.076
62	05/31/2019	12:08:33	0.050
63	05/31/2019	12:09:33	0.039
64	05/31/2019	12:10:33	0.040
65	05/31/2019	12:11:33	0.121
66	05/31/2019	12:12:33	0.152
67	05/31/2019	12:13:33	0.034

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
68	05/31/2019	12:14:33	0.094
69	05/31/2019	12:15:33	0.167
70	05/31/2019	12:16:33	0.240
71	05/31/2019	12:17:33	0.093
72	05/31/2019	12:18:33	0.035
73	05/31/2019	12:19:33	0.157
74	05/31/2019	12:20:33	0.057
75	05/31/2019	12:21:33	0.070
76	05/31/2019	12:22:33	0.182
77	05/31/2019	12:23:33	0.066
78	05/31/2019	12:24:33	0.107
79	05/31/2019	12:25:33	0.119
80	05/31/2019	12:26:33	0.160
81	05/31/2019	12:27:33	0.092
82	05/31/2019	12:28:33	0.146
83	05/31/2019	12:29:33	0.188
84	05/31/2019	12:30:33	0.055
85	05/31/2019	12:31:33	0.037
86	05/31/2019	12:32:33	0.049
87	05/31/2019	12:33:33	0.103
88	05/31/2019	12:34:33	0.064
89	05/31/2019	12:35:33	0.035
90	05/31/2019	12:36:33	0.037
91	05/31/2019	12:37:33	0.053
92	05/31/2019	12:38:33	0.056
93	05/31/2019	12:39:33	0.067
94	05/31/2019	12:40:33	0.045
95	05/31/2019	12:41:33	0.026
96	05/31/2019	12:42:33	0.040
97	05/31/2019	12:43:33	0.036
98	05/31/2019	12:44:33	0.036
99	05/31/2019	12:45:33	0.023
100	05/31/2019	12:46:33	0.030
101	05/31/2019	12:47:33	0.027
102	05/31/2019	12:48:33	0.021
103	05/31/2019	12:49:33	0.009
104	05/31/2019	12:50:33	0.009
105	05/31/2019	12:51:33	0.019
106	05/31/2019	12:52:33	0.016
107	05/31/2019	12:53:33	0.018
108	05/31/2019	12:54:33	0.017
109	05/31/2019	12:55:33	0.015
110	05/31/2019	12:56:33	0.014
111	05/31/2019	12:57:33	0.010
112	05/31/2019	12:58:33	0.011
113	05/31/2019	12:59:33	0.010

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
114	05/31/2019	13:00:33	0.008
115	05/31/2019	13:01:33	0.009
116	05/31/2019	13:02:33	0.008
117	05/31/2019	13:03:33	0.011
118	05/31/2019	13:04:33	0.013
119	05/31/2019	13:05:33	0.010
120	05/31/2019	13:06:33	0.008
121	05/31/2019	13:07:33	0.010
122	05/31/2019	13:08:33	0.010
123	05/31/2019	13:09:33	0.009
124	05/31/2019	13:10:33	0.007
125	05/31/2019	13:11:33	0.007
126	05/31/2019	13:12:33	0.007
127	05/31/2019	13:13:33	0.007
128	05/31/2019	13:14:33	0.009
129	05/31/2019	13:15:33	0.010
130	05/31/2019	13:16:33	0.008
131	05/31/2019	13:17:33	0.007
132	05/31/2019	13:18:33	0.007
133	05/31/2019	13:19:33	0.009
134	05/31/2019	13:20:33	0.009
135	05/31/2019	13:21:33	0.008
136	05/31/2019	13:22:33	0.011
137	05/31/2019	13:23:33	0.010
138	05/31/2019	13:24:33	0.009
139	05/31/2019	13:25:33	0.007
140	05/31/2019	13:26:33	0.009
141	05/31/2019	13:27:33	0.008
142	05/31/2019	13:28:33	0.009
143	05/31/2019	13:29:33	0.019
144	05/31/2019	13:30:33	0.018
145	05/31/2019	13:31:33	0.051
146	05/31/2019	13:32:33	0.061
147	05/31/2019	13:33:33	0.072
148	05/31/2019	13:34:33	0.044
149	05/31/2019	13:35:33	0.023
150	05/31/2019	13:36:33	0.042
151	05/31/2019	13:37:33	0.100
152	05/31/2019	13:38:33	0.037
153	05/31/2019	13:39:33	0.109
154	05/31/2019	13:40:33	0.089
155	05/31/2019	13:41:33	0.063
156	05/31/2019	13:42:33	0.143
157	05/31/2019	13:43:33	0.173
158	05/31/2019	13:44:33	0.143
159	05/31/2019	13:45:33	0.152

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
160	05/31/2019	13:46:33	0.205
161	05/31/2019	13:47:33	0.169
162	05/31/2019	13:48:33	0.074
163	05/31/2019	13:49:33	0.149
164	05/31/2019	13:50:33	0.073
165	05/31/2019	13:51:33	0.031
166	05/31/2019	13:52:33	0.016
167	05/31/2019	13:53:33	0.018
168	05/31/2019	13:54:33	0.186
169	05/31/2019	13:55:33	0.136
170	05/31/2019	13:56:33	0.038
171	05/31/2019	13:57:33	0.165
172	05/31/2019	13:58:33	0.158
173	05/31/2019	13:59:33	0.123
174	05/31/2019	14:00:33	0.057
175	05/31/2019	14:01:33	0.034
176	05/31/2019	14:02:33	0.101
177	05/31/2019	14:03:33	0.147
178	05/31/2019	14:04:33	0.131
179	05/31/2019	14:05:33	0.188
180	05/31/2019	14:06:33	0.228
181	05/31/2019	14:07:33	0.076
182	05/31/2019	14:08:33	0.037
183	05/31/2019	14:09:33	0.122
184	05/31/2019	14:10:33	0.120
185	05/31/2019	14:11:33	0.098
186	05/31/2019	14:12:33	0.121
187	05/31/2019	14:13:33	0.186
188	05/31/2019	14:14:33	0.223
189	05/31/2019	14:15:33	0.084
190	05/31/2019	14:16:33	0.120
191	05/31/2019	14:17:33	0.178
192	05/31/2019	14:18:33	0.133
193	05/31/2019	14:19:33	0.112
194	05/31/2019	14:20:33	0.181
195	05/31/2019	14:21:33	0.201
196	05/31/2019	14:22:33	0.143
197	05/31/2019	14:23:33	0.075
198	05/31/2019	14:24:33	0.041
199	05/31/2019	14:25:33	0.078
200	05/31/2019	14:26:33	0.146
201	05/31/2019	14:27:33	0.078
202	05/31/2019	14:28:33	0.038
203	05/31/2019	14:29:33	0.296
204	05/31/2019	14:30:33	0.194
205	05/31/2019	14:31:33	0.116

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
206	05/31/2019	14:32:33	0.127
207	05/31/2019	14:33:33	0.027
208	05/31/2019	14:34:33	0.162
209	05/31/2019	14:35:33	0.281
210	05/31/2019	14:36:33	0.293
211	05/31/2019	14:37:33	0.201
212	05/31/2019	14:38:33	0.081
213	05/31/2019	14:39:33	0.195
214	05/31/2019	14:40:33	0.209
215	05/31/2019	14:41:33	0.288
216	05/31/2019	14:42:33	0.094
217	05/31/2019	14:43:33	0.243
218	05/31/2019	14:44:33	0.167
219	05/31/2019	14:45:33	0.156
220	05/31/2019	14:46:33	0.241
221	05/31/2019	14:47:33	0.091
222	05/31/2019	14:48:33	0.026
223	05/31/2019	14:49:33	0.008
224	05/31/2019	14:50:33	0.060
225	05/31/2019	14:51:33	0.150
226	05/31/2019	14:52:33	0.079
227	05/31/2019	14:53:33	0.209
228	05/31/2019	14:54:33	0.149
229	05/31/2019	14:55:33	0.011
230	05/31/2019	14:56:33	0.015
231	05/31/2019	14:57:33	0.118
232	05/31/2019	14:58:33	0.326
233	05/31/2019	14:59:33	0.164
234	05/31/2019	15:00:33	0.037
235	05/31/2019	15:01:33	0.047
236	05/31/2019	15:02:33	0.062
237	05/31/2019	15:03:33	0.102
238	05/31/2019	15:04:33	0.317
239	05/31/2019	15:05:33	0.358
240	05/31/2019	15:06:33	0.245
241	05/31/2019	15:07:33	0.142
242	05/31/2019	15:08:33	0.037
243	05/31/2019	15:09:33	0.081
244	05/31/2019	15:10:33	0.098
245	05/31/2019	15:11:33	0.181
246	05/31/2019	15:12:33	0.130
247	05/31/2019	15:13:33	0.154
248	05/31/2019	15:14:33	0.228
249	05/31/2019	15:15:33	0.171
250	05/31/2019	15:16:33	0.209
251	05/31/2019	15:17:33	0.062

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
252	05/31/2019	15:18:33	0.010
253	05/31/2019	15:19:33	0.044
254	05/31/2019	15:20:33	0.062
255	05/31/2019	15:21:33	0.110
256	05/31/2019	15:22:33	0.200
257	05/31/2019	15:23:33	0.199
258	05/31/2019	15:24:33	0.203
259	05/31/2019	15:25:33	0.239
260	05/31/2019	15:26:33	0.233
261	05/31/2019	15:27:33	0.185
262	05/31/2019	15:28:33	0.126
263	05/31/2019	15:29:33	0.058
264	05/31/2019	15:30:33	0.071
265	05/31/2019	15:31:33	0.178
266	05/31/2019	15:32:33	0.134
267	05/31/2019	15:33:33	0.125
268	05/31/2019	15:34:33	0.144
269	05/31/2019	15:35:33	0.065
270	05/31/2019	15:36:33	0.076
271	05/31/2019	15:37:33	0.189
272	05/31/2019	15:38:33	0.072
273	05/31/2019	15:39:33	0.233
274	05/31/2019	15:40:33	0.107
275	05/31/2019	15:41:33	0.115
276	05/31/2019	15:42:33	0.086
277	05/31/2019	15:43:33	0.091
278	05/31/2019	15:44:33	0.239
279	05/31/2019	15:45:33	0.173
280	05/31/2019	15:46:33	0.329
281	05/31/2019	15:47:33	0.275
282	05/31/2019	15:48:33	0.296
283	05/31/2019	15:49:33	0.211
284	05/31/2019	15:50:33	0.193
285	05/31/2019	15:51:33	0.330
286	05/31/2019	15:52:33	0.280
287	05/31/2019	15:53:33	0.249
288	05/31/2019	15:54:33	0.270
289	05/31/2019	15:55:33	0.253
290	05/31/2019	15:56:33	0.234
291	05/31/2019	15:57:33	0.150
292	05/31/2019	15:58:33	0.164
293	05/31/2019	15:59:33	0.186
294	05/31/2019	16:00:33	0.340
295	05/31/2019	16:01:33	0.308
296	05/31/2019	16:02:33	0.055
297	05/31/2019	16:03:33	0.105

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
298	05/31/2019	16:04:33	0.288
299	05/31/2019	16:05:33	0.208
300	05/31/2019	16:06:33	0.297
301	05/31/2019	16:07:33	0.527
302	05/31/2019	16:08:33	0.318
303	05/31/2019	16:09:33	0.206
304	05/31/2019	16:10:33	0.328
305	05/31/2019	16:11:33	0.236
306	05/31/2019	16:12:33	0.335
307	05/31/2019	16:13:33	0.252
308	05/31/2019	16:14:33	0.329
309	05/31/2019	16:15:33	0.261
310	05/31/2019	16:16:33	0.190
311	05/31/2019	16:17:33	0.140
312	05/31/2019	16:18:33	0.118
313	05/31/2019	16:19:33	0.183
314	05/31/2019	16:20:33	0.285
315	05/31/2019	16:21:33	0.319
316	05/31/2019	16:22:33	0.265
317	05/31/2019	16:23:33	0.303
318	05/31/2019	16:24:33	0.228
319	05/31/2019	16:25:33	0.242
320	05/31/2019	16:26:33	0.092
321	05/31/2019	16:27:33	0.143
322	05/31/2019	16:28:33	0.179
323	05/31/2019	16:29:33	0.253
324	05/31/2019	16:30:33	0.249

Test 003

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/03/2019
Instrument S/N	8530171505	Start Time	08:05:29
		Stop Date	06/03/2019
		Stop Time	14:49:29
		Total Time	0:06:44:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.007 mg/m^3
Max	0.022 mg/m^3
Max Date	06/03/2019
Max Time	08:06:29
Min	0.003 mg/m^3
Min Date	06/03/2019
Min Time	08:07:29
TWA (8 hr)	0.006
TWA Start Date	06/03/2019
TWA Start Time	08:05:29
TWA End Time	14:49:29

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	06/03/2019	08:06:29	0.022
2	06/03/2019	08:07:29	0.003
3	06/03/2019	08:08:29	0.003
4	06/03/2019	08:09:29	0.003
5	06/03/2019	08:10:29	0.003
6	06/03/2019	08:11:29	0.003
7	06/03/2019	08:12:29	0.003
8	06/03/2019	08:13:29	0.003
9	06/03/2019	08:14:29	0.004
10	06/03/2019	08:15:29	0.004
11	06/03/2019	08:16:29	0.003
12	06/03/2019	08:17:29	0.003
13	06/03/2019	08:18:29	0.003
14	06/03/2019	08:19:29	0.003
15	06/03/2019	08:20:29	0.004
16	06/03/2019	08:21:29	0.003
17	06/03/2019	08:22:29	0.003
18	06/03/2019	08:23:29	0.004
19	06/03/2019	08:24:29	0.004
20	06/03/2019	08:25:29	0.004
21	06/03/2019	08:26:29	0.003

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	06/03/2019	08:27:29	0.003
23	06/03/2019	08:28:29	0.003
24	06/03/2019	08:29:29	0.003
25	06/03/2019	08:30:29	0.003
26	06/03/2019	08:31:29	0.004
27	06/03/2019	08:32:29	0.004
28	06/03/2019	08:33:29	0.004
29	06/03/2019	08:34:29	0.004
30	06/03/2019	08:35:29	0.004
31	06/03/2019	08:36:29	0.004
32	06/03/2019	08:37:29	0.004
33	06/03/2019	08:38:29	0.005
34	06/03/2019	08:39:29	0.004
35	06/03/2019	08:40:29	0.004
36	06/03/2019	08:41:29	0.004
37	06/03/2019	08:42:29	0.005
38	06/03/2019	08:43:29	0.004
39	06/03/2019	08:44:29	0.004
40	06/03/2019	08:45:29	0.004
41	06/03/2019	08:46:29	0.003
42	06/03/2019	08:47:29	0.003
43	06/03/2019	08:48:29	0.004
44	06/03/2019	08:49:29	0.006
45	06/03/2019	08:50:29	0.005
46	06/03/2019	08:51:29	0.004
47	06/03/2019	08:52:29	0.004
48	06/03/2019	08:53:29	0.004
49	06/03/2019	08:54:29	0.004
50	06/03/2019	08:55:29	0.004
51	06/03/2019	08:56:29	0.003
52	06/03/2019	08:57:29	0.004
53	06/03/2019	08:58:29	0.004
54	06/03/2019	08:59:29	0.004
55	06/03/2019	09:00:29	0.003
56	06/03/2019	09:01:29	0.003
57	06/03/2019	09:02:29	0.003
58	06/03/2019	09:03:29	0.003
59	06/03/2019	09:04:29	0.003
60	06/03/2019	09:05:29	0.003
61	06/03/2019	09:06:29	0.003
62	06/03/2019	09:07:29	0.004
63	06/03/2019	09:08:29	0.005
64	06/03/2019	09:09:29	0.004
65	06/03/2019	09:10:29	0.003
66	06/03/2019	09:11:29	0.003
67	06/03/2019	09:12:29	0.003

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
68	06/03/2019	09:13:29	0.003
69	06/03/2019	09:14:29	0.003
70	06/03/2019	09:15:29	0.003
71	06/03/2019	09:16:29	0.003
72	06/03/2019	09:17:29	0.004
73	06/03/2019	09:18:29	0.004
74	06/03/2019	09:19:29	0.003
75	06/03/2019	09:20:29	0.004
76	06/03/2019	09:21:29	0.005
77	06/03/2019	09:22:29	0.005
78	06/03/2019	09:23:29	0.004
79	06/03/2019	09:24:29	0.005
80	06/03/2019	09:25:29	0.005
81	06/03/2019	09:26:29	0.005
82	06/03/2019	09:27:29	0.004
83	06/03/2019	09:28:29	0.004
84	06/03/2019	09:29:29	0.004
85	06/03/2019	09:30:29	0.005
86	06/03/2019	09:31:29	0.005
87	06/03/2019	09:32:29	0.006
88	06/03/2019	09:33:29	0.008
89	06/03/2019	09:34:29	0.008
90	06/03/2019	09:35:29	0.007
91	06/03/2019	09:36:29	0.007
92	06/03/2019	09:37:29	0.007
93	06/03/2019	09:38:29	0.007
94	06/03/2019	09:39:29	0.007
95	06/03/2019	09:40:29	0.007
96	06/03/2019	09:41:29	0.007
97	06/03/2019	09:42:29	0.007
98	06/03/2019	09:43:29	0.008
99	06/03/2019	09:44:29	0.009
100	06/03/2019	09:45:29	0.008
101	06/03/2019	09:46:29	0.008
102	06/03/2019	09:47:29	0.008
103	06/03/2019	09:48:29	0.008
104	06/03/2019	09:49:29	0.007
105	06/03/2019	09:50:29	0.008
106	06/03/2019	09:51:29	0.007
107	06/03/2019	09:52:29	0.007
108	06/03/2019	09:53:29	0.007
109	06/03/2019	09:54:29	0.007
110	06/03/2019	09:55:29	0.007
111	06/03/2019	09:56:29	0.006
112	06/03/2019	09:57:29	0.006
113	06/03/2019	09:58:29	0.006

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
114	06/03/2019	09:59:29	0.006
115	06/03/2019	10:00:29	0.007
116	06/03/2019	10:01:29	0.006
117	06/03/2019	10:02:29	0.007
118	06/03/2019	10:03:29	0.006
119	06/03/2019	10:04:29	0.007
120	06/03/2019	10:05:29	0.006
121	06/03/2019	10:06:29	0.006
122	06/03/2019	10:07:29	0.007
123	06/03/2019	10:08:29	0.007
124	06/03/2019	10:09:29	0.007
125	06/03/2019	10:10:29	0.007
126	06/03/2019	10:11:29	0.007
127	06/03/2019	10:12:29	0.007
128	06/03/2019	10:13:29	0.008
129	06/03/2019	10:14:29	0.009
130	06/03/2019	10:15:29	0.009
131	06/03/2019	10:16:29	0.008
132	06/03/2019	10:17:29	0.009
133	06/03/2019	10:18:29	0.009
134	06/03/2019	10:19:29	0.009
135	06/03/2019	10:20:29	0.010
136	06/03/2019	10:21:29	0.009
137	06/03/2019	10:22:29	0.009
138	06/03/2019	10:23:29	0.009
139	06/03/2019	10:24:29	0.010
140	06/03/2019	10:25:29	0.009
141	06/03/2019	10:26:29	0.009
142	06/03/2019	10:27:29	0.009
143	06/03/2019	10:28:29	0.009
144	06/03/2019	10:29:29	0.009
145	06/03/2019	10:30:29	0.009
146	06/03/2019	10:31:29	0.009
147	06/03/2019	10:32:29	0.009
148	06/03/2019	10:33:29	0.009
149	06/03/2019	10:34:29	0.009
150	06/03/2019	10:35:29	0.008
151	06/03/2019	10:36:29	0.009
152	06/03/2019	10:37:29	0.010
153	06/03/2019	10:38:29	0.011
154	06/03/2019	10:39:29	0.010
155	06/03/2019	10:40:29	0.011
156	06/03/2019	10:41:29	0.010
157	06/03/2019	10:42:29	0.010
158	06/03/2019	10:43:29	0.010
159	06/03/2019	10:44:29	0.011

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
160	06/03/2019	10:45:29	0.011
161	06/03/2019	10:46:29	0.011
162	06/03/2019	10:47:29	0.010
163	06/03/2019	10:48:29	0.010
164	06/03/2019	10:49:29	0.011
165	06/03/2019	10:50:29	0.010
166	06/03/2019	10:51:29	0.010
167	06/03/2019	10:52:29	0.010
168	06/03/2019	10:53:29	0.010
169	06/03/2019	10:54:29	0.010
170	06/03/2019	10:55:29	0.010
171	06/03/2019	10:56:29	0.010
172	06/03/2019	10:57:29	0.010
173	06/03/2019	10:58:29	0.013
174	06/03/2019	10:59:29	0.012
175	06/03/2019	11:00:29	0.013
176	06/03/2019	11:01:29	0.012
177	06/03/2019	11:02:29	0.012
178	06/03/2019	11:03:29	0.012
179	06/03/2019	11:04:29	0.012
180	06/03/2019	11:05:29	0.012
181	06/03/2019	11:06:29	0.012
182	06/03/2019	11:07:29	0.012
183	06/03/2019	11:08:29	0.012
184	06/03/2019	11:09:29	0.012
185	06/03/2019	11:10:29	0.012
186	06/03/2019	11:11:29	0.012
187	06/03/2019	11:12:29	0.012
188	06/03/2019	11:13:29	0.013
189	06/03/2019	11:14:29	0.013
190	06/03/2019	11:15:29	0.013
191	06/03/2019	11:16:29	0.015
192	06/03/2019	11:17:29	0.016
193	06/03/2019	11:18:29	0.014
194	06/03/2019	11:19:29	0.013
195	06/03/2019	11:20:29	0.012
196	06/03/2019	11:21:29	0.012
197	06/03/2019	11:22:29	0.011
198	06/03/2019	11:23:29	0.012
199	06/03/2019	11:24:29	0.009
200	06/03/2019	11:25:29	0.008
201	06/03/2019	11:26:29	0.008
202	06/03/2019	11:27:29	0.008
203	06/03/2019	11:28:29	0.007
204	06/03/2019	11:29:29	0.006
205	06/03/2019	11:30:29	0.006

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
206	06/03/2019	11:31:29	0.005
207	06/03/2019	11:32:29	0.006
208	06/03/2019	11:33:29	0.006
209	06/03/2019	11:34:29	0.007
210	06/03/2019	11:35:29	0.007
211	06/03/2019	11:36:29	0.009
212	06/03/2019	11:37:29	0.010
213	06/03/2019	11:38:29	0.011
214	06/03/2019	11:39:29	0.011
215	06/03/2019	11:40:29	0.011
216	06/03/2019	11:41:29	0.011
217	06/03/2019	11:42:29	0.010
218	06/03/2019	11:43:29	0.009
219	06/03/2019	11:44:29	0.008
220	06/03/2019	11:45:29	0.007
221	06/03/2019	11:46:29	0.007
222	06/03/2019	11:47:29	0.006
223	06/03/2019	11:48:29	0.006
224	06/03/2019	11:49:29	0.006
225	06/03/2019	11:50:29	0.006
226	06/03/2019	11:51:29	0.006
227	06/03/2019	11:52:29	0.006
228	06/03/2019	11:53:29	0.007
229	06/03/2019	11:54:29	0.006
230	06/03/2019	11:55:29	0.006
231	06/03/2019	11:56:29	0.006
232	06/03/2019	11:57:29	0.006
233	06/03/2019	11:58:29	0.007
234	06/03/2019	11:59:29	0.009
235	06/03/2019	12:00:29	0.009
236	06/03/2019	12:01:29	0.008
237	06/03/2019	12:02:29	0.008
238	06/03/2019	12:03:29	0.008
239	06/03/2019	12:04:29	0.008
240	06/03/2019	12:05:29	0.007
241	06/03/2019	12:06:29	0.007
242	06/03/2019	12:07:29	0.006
243	06/03/2019	12:08:29	0.005
244	06/03/2019	12:09:29	0.004
245	06/03/2019	12:10:29	0.003
246	06/03/2019	12:11:29	0.003
247	06/03/2019	12:12:29	0.004
248	06/03/2019	12:13:29	0.004
249	06/03/2019	12:14:29	0.004
250	06/03/2019	12:15:29	0.004
251	06/03/2019	12:16:29	0.004

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
252	06/03/2019	12:17:29	0.003
253	06/03/2019	12:18:29	0.004
254	06/03/2019	12:19:29	0.005
255	06/03/2019	12:20:29	0.003
256	06/03/2019	12:21:29	0.003
257	06/03/2019	12:22:29	0.003
258	06/03/2019	12:23:29	0.004
259	06/03/2019	12:24:29	0.003
260	06/03/2019	12:25:29	0.004
261	06/03/2019	12:26:29	0.004
262	06/03/2019	12:27:29	0.006
263	06/03/2019	12:28:29	0.004
264	06/03/2019	12:29:29	0.004
265	06/03/2019	12:30:29	0.004
266	06/03/2019	12:31:29	0.004
267	06/03/2019	12:32:29	0.004
268	06/03/2019	12:33:29	0.004
269	06/03/2019	12:34:29	0.004
270	06/03/2019	12:35:29	0.004
271	06/03/2019	12:36:29	0.005
272	06/03/2019	12:37:29	0.005
273	06/03/2019	12:38:29	0.006
274	06/03/2019	12:39:29	0.006
275	06/03/2019	12:40:29	0.006
276	06/03/2019	12:41:29	0.007
277	06/03/2019	12:42:29	0.008
278	06/03/2019	12:43:29	0.006
279	06/03/2019	12:44:29	0.006
280	06/03/2019	12:45:29	0.006
281	06/03/2019	12:46:29	0.006
282	06/03/2019	12:47:29	0.006
283	06/03/2019	12:48:29	0.006
284	06/03/2019	12:49:29	0.005
285	06/03/2019	12:50:29	0.005
286	06/03/2019	12:51:29	0.005
287	06/03/2019	12:52:29	0.005
288	06/03/2019	12:53:29	0.005
289	06/03/2019	12:54:29	0.005
290	06/03/2019	12:55:29	0.007
291	06/03/2019	12:56:29	0.006
292	06/03/2019	12:57:29	0.005
293	06/03/2019	12:58:29	0.006
294	06/03/2019	12:59:29	0.006
295	06/03/2019	13:00:29	0.006
296	06/03/2019	13:01:29	0.007
297	06/03/2019	13:02:29	0.006

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
298	06/03/2019	13:03:29	0.006
299	06/03/2019	13:04:29	0.006
300	06/03/2019	13:05:29	0.007
301	06/03/2019	13:06:29	0.005
302	06/03/2019	13:07:29	0.006
303	06/03/2019	13:08:29	0.006
304	06/03/2019	13:09:29	0.006
305	06/03/2019	13:10:29	0.006
306	06/03/2019	13:11:29	0.011
307	06/03/2019	13:12:29	0.007
308	06/03/2019	13:13:29	0.005
309	06/03/2019	13:14:29	0.006
310	06/03/2019	13:15:29	0.006
311	06/03/2019	13:16:29	0.005
312	06/03/2019	13:17:29	0.005
313	06/03/2019	13:18:29	0.005
314	06/03/2019	13:19:29	0.006
315	06/03/2019	13:20:29	0.005
316	06/03/2019	13:21:29	0.006
317	06/03/2019	13:22:29	0.006
318	06/03/2019	13:23:29	0.005
319	06/03/2019	13:24:29	0.006
320	06/03/2019	13:25:29	0.006
321	06/03/2019	13:26:29	0.005
322	06/03/2019	13:27:29	0.004
323	06/03/2019	13:28:29	0.004
324	06/03/2019	13:29:29	0.004
325	06/03/2019	13:30:29	0.004
326	06/03/2019	13:31:29	0.005
327	06/03/2019	13:32:29	0.005
328	06/03/2019	13:33:29	0.006
329	06/03/2019	13:34:29	0.006
330	06/03/2019	13:35:29	0.007
331	06/03/2019	13:36:29	0.007
332	06/03/2019	13:37:29	0.008
333	06/03/2019	13:38:29	0.006
334	06/03/2019	13:39:29	0.009
335	06/03/2019	13:40:29	0.008
336	06/03/2019	13:41:29	0.005
337	06/03/2019	13:42:29	0.005
338	06/03/2019	13:43:29	0.005
339	06/03/2019	13:44:29	0.005
340	06/03/2019	13:45:29	0.005
341	06/03/2019	13:46:29	0.006
342	06/03/2019	13:47:29	0.006
343	06/03/2019	13:48:29	0.008

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
344	06/03/2019	13:49:29	0.011
345	06/03/2019	13:50:29	0.011
346	06/03/2019	13:51:29	0.008
347	06/03/2019	13:52:29	0.006
348	06/03/2019	13:53:29	0.007
349	06/03/2019	13:54:29	0.006
350	06/03/2019	13:55:29	0.006
351	06/03/2019	13:56:29	0.005
352	06/03/2019	13:57:29	0.005
353	06/03/2019	13:58:29	0.005
354	06/03/2019	13:59:29	0.005
355	06/03/2019	14:00:29	0.005
356	06/03/2019	14:01:29	0.005
357	06/03/2019	14:02:29	0.005
358	06/03/2019	14:03:29	0.005
359	06/03/2019	14:04:29	0.004
360	06/03/2019	14:05:29	0.004
361	06/03/2019	14:06:29	0.004
362	06/03/2019	14:07:29	0.008
363	06/03/2019	14:08:29	0.014
364	06/03/2019	14:09:29	0.009
365	06/03/2019	14:10:29	0.010
366	06/03/2019	14:11:29	0.006
367	06/03/2019	14:12:29	0.006
368	06/03/2019	14:13:29	0.004
369	06/03/2019	14:14:29	0.004
370	06/03/2019	14:15:29	0.005
371	06/03/2019	14:16:29	0.005
372	06/03/2019	14:17:29	0.005
373	06/03/2019	14:18:29	0.004
374	06/03/2019	14:19:29	0.004
375	06/03/2019	14:20:29	0.005
376	06/03/2019	14:21:29	0.009
377	06/03/2019	14:22:29	0.013
378	06/03/2019	14:23:29	0.011
379	06/03/2019	14:24:29	0.011
380	06/03/2019	14:25:29	0.006
381	06/03/2019	14:26:29	0.006
382	06/03/2019	14:27:29	0.006
383	06/03/2019	14:28:29	0.004
384	06/03/2019	14:29:29	0.004
385	06/03/2019	14:30:29	0.005
386	06/03/2019	14:31:29	0.006
387	06/03/2019	14:32:29	0.008
388	06/03/2019	14:33:29	0.009
389	06/03/2019	14:34:29	0.009

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
390	06/03/2019	14:35:29	0.007
391	06/03/2019	14:36:29	0.007
392	06/03/2019	14:37:29	0.007
393	06/03/2019	14:38:29	0.007
394	06/03/2019	14:39:29	0.005
395	06/03/2019	14:40:29	0.005
396	06/03/2019	14:41:29	0.005
397	06/03/2019	14:42:29	0.004
398	06/03/2019	14:43:29	0.006
399	06/03/2019	14:44:29	0.008
400	06/03/2019	14:45:29	0.006
401	06/03/2019	14:46:29	0.009
402	06/03/2019	14:47:29	0.007
403	06/03/2019	14:48:29	0.007
404	06/03/2019	14:49:29	0.005

Test 004

ERROR: FLOW,

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/04/2019
Instrument S/N	8530171505	Start Time	08:25:13
		Stop Date	06/05/2019
		Stop Time	08:14:13
		Total Time	0:23:49:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.049 mg/m^3
Max	0.663 mg/m^3
Max Date	06/04/2019
Max Time	16:19:13
Min	0.000 mg/m^3
Min Date	06/04/2019
Min Time	16:01:21
TWA (8 hr)	0.402
TWA Start Date	06/04/2019
TWA Start Time	08:25:13
TWA End Time	08:14:13

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	06/04/2019	08:26:13	0.003
2	06/04/2019	08:27:13	0.003
3	06/04/2019	08:28:13	0.002
4	06/04/2019	08:29:13	0.002
5	06/04/2019	08:30:13	0.002
6	06/04/2019	08:31:13	0.002
7	06/04/2019	16:01:21	0.000
8	06/04/2019	16:02:13	0.556
9	06/04/2019	16:03:13	0.383
10	06/04/2019	16:04:13	0.407
11	06/04/2019	16:05:13	0.456
12	06/04/2019	16:06:13	0.526
13	06/04/2019	16:07:13	0.545
14	06/04/2019	16:08:13	0.632
15	06/04/2019	16:09:13	0.561
16	06/04/2019	16:10:13	0.549
17	06/04/2019	16:11:13	0.564
18	06/04/2019	16:12:13	0.505
19	06/04/2019	16:13:13	0.540
20	06/04/2019	16:14:13	0.527

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
21	06/04/2019	16:15:13	0.513
22	06/04/2019	16:16:13	0.525
23	06/04/2019	16:17:13	0.599
24	06/04/2019	16:18:13	0.594
25	06/04/2019	16:19:13	0.663
26	06/04/2019	16:20:13	0.493
27	06/04/2019	16:21:13	0.483
28	06/04/2019	16:22:13	0.493
29	06/04/2019	16:23:13	0.475
30	06/04/2019	16:24:13	0.430
31	06/04/2019	16:25:13	0.429
32	06/04/2019	16:26:13	0.444
33	06/04/2019	16:27:13	0.469
34	06/04/2019	16:28:13	0.470
35	06/04/2019	16:29:13	0.393
36	06/04/2019	16:30:13	0.365
37	06/04/2019	16:31:13	0.384
38	06/04/2019	16:32:13	0.403
39	06/04/2019	16:33:13	0.406
40	06/04/2019	16:34:13	0.383
41	06/04/2019	16:35:13	0.409
42	06/04/2019	16:36:13	0.378
43	06/04/2019	16:37:13	0.317
44	06/04/2019	16:38:13	0.327
45	06/04/2019	16:39:13	0.290
46	06/04/2019	16:40:13	0.256
47	06/04/2019	16:41:13	0.260
48	06/04/2019	16:42:13	0.273
49	06/04/2019	16:43:13	0.288
50	06/04/2019	16:44:13	0.220
51	06/04/2019	16:45:13	0.199
52	06/04/2019	16:46:13	0.248
53	06/04/2019	16:47:13	0.193
54	06/04/2019	16:48:13	0.209
55	06/04/2019	16:49:13	0.210
56	06/04/2019	16:50:13	0.180
57	06/04/2019	16:51:13	0.195
58	06/04/2019	16:52:13	0.176
59	06/04/2019	16:53:13	0.179
60	06/04/2019	16:54:13	0.162
61	06/04/2019	16:55:13	0.180
62	06/04/2019	16:56:13	0.151
63	06/04/2019	16:57:13	0.169
64	06/04/2019	16:58:13	0.148
65	06/04/2019	16:59:13	0.143
66	06/04/2019	17:00:13	0.153

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
67	06/04/2019	17:01:13	0.114
68	06/04/2019	17:02:13	0.114
69	06/04/2019	17:03:13	0.120
70	06/04/2019	17:04:13	0.121
71	06/04/2019	17:05:13	0.103
72	06/04/2019	17:06:13	0.118
73	06/04/2019	17:07:13	0.114
74	06/04/2019	17:08:13	0.125
75	06/04/2019	17:09:13	0.105
76	06/04/2019	17:10:13	0.104
77	06/04/2019	17:11:13	0.078
78	06/04/2019	17:12:13	0.102
79	06/04/2019	17:13:13	0.088
80	06/04/2019	17:14:13	0.101
81	06/04/2019	17:15:13	0.084
82	06/04/2019	17:16:13	0.087
83	06/04/2019	17:17:13	0.092
84	06/04/2019	17:18:13	0.088
85	06/04/2019	17:19:13	0.078
86	06/04/2019	17:20:13	0.072
87	06/04/2019	17:21:13	0.070
88	06/04/2019	17:22:13	0.065
89	06/04/2019	17:23:13	0.072
90	06/04/2019	17:24:13	0.061
91	06/04/2019	17:25:13	0.065
92	06/04/2019	17:26:13	0.076
93	06/04/2019	17:27:13	0.061
94	06/04/2019	17:28:13	0.078
95	06/04/2019	17:29:13	0.067
96	06/04/2019	17:30:13	0.074
97	06/04/2019	17:31:13	0.066
98	06/04/2019	17:32:13	0.070
99	06/04/2019	17:33:13	0.085
100	06/04/2019	17:34:13	0.084
101	06/04/2019	17:35:13	0.060
102	06/04/2019	17:36:13	0.055
103	06/04/2019	17:37:13	0.048
104	06/04/2019	17:38:13	0.037
105	06/04/2019	17:39:13	0.051
106	06/04/2019	17:40:13	0.058
107	06/04/2019	17:41:13	0.049
108	06/04/2019	17:42:13	0.050
109	06/04/2019	17:43:13	0.050
110	06/04/2019	17:44:13	0.058
111	06/04/2019	17:45:13	0.047
112	06/04/2019	17:46:13	0.047

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
113	06/04/2019	17:47:13	0.048
114	06/04/2019	17:48:13	0.043
115	06/04/2019	17:49:13	0.048
116	06/04/2019	17:50:13	0.047
117	06/04/2019	17:51:13	0.049
118	06/04/2019	17:52:13	0.049
119	06/04/2019	17:53:13	0.050
120	06/04/2019	17:54:13	0.047
121	06/04/2019	17:55:13	0.046
122	06/04/2019	17:56:13	0.035
123	06/04/2019	17:57:13	0.054
124	06/04/2019	17:58:13	0.039
125	06/04/2019	17:59:13	0.050
126	06/04/2019	18:00:13	0.047
127	06/04/2019	18:01:13	0.049
128	06/04/2019	18:02:13	0.049
129	06/04/2019	18:03:13	0.038
130	06/04/2019	18:04:13	0.039
131	06/04/2019	18:05:13	0.041
132	06/04/2019	18:06:13	0.049
133	06/04/2019	18:07:13	0.040
134	06/04/2019	18:08:13	0.044
135	06/04/2019	18:09:13	0.044
136	06/04/2019	18:10:13	0.043
137	06/04/2019	18:11:13	0.043
138	06/04/2019	18:12:13	0.045
139	06/04/2019	18:13:13	0.046
140	06/04/2019	18:14:13	0.049
141	06/04/2019	18:15:13	0.033
142	06/04/2019	18:16:13	0.041
143	06/04/2019	18:17:13	0.047
144	06/04/2019	18:18:13	0.043
145	06/04/2019	18:19:13	0.048
146	06/04/2019	18:20:13	0.050
147	06/04/2019	18:21:13	0.039
148	06/04/2019	18:22:13	0.036
149	06/04/2019	18:23:13	0.037
150	06/04/2019	18:24:13	0.035
151	06/04/2019	18:25:13	0.034
152	06/04/2019	18:26:13	0.038
153	06/04/2019	18:27:13	0.034
154	06/04/2019	18:28:13	0.037
155	06/04/2019	18:29:13	0.036
156	06/04/2019	18:30:13	0.035
157	06/04/2019	18:31:13	0.036
158	06/04/2019	18:32:13	0.037

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
159	06/04/2019	18:33:13	0.040
160	06/04/2019	18:34:13	0.033
161	06/04/2019	18:35:13	0.030
162	06/04/2019	18:36:13	0.036
163	06/04/2019	18:37:13	0.032
164	06/04/2019	18:38:13	0.035
165	06/04/2019	18:39:13	0.037
166	06/04/2019	18:40:13	0.031
167	06/04/2019	18:41:13	0.031
168	06/04/2019	18:42:13	0.031
169	06/04/2019	18:43:13	0.031
170	06/04/2019	18:44:13	0.033
171	06/04/2019	18:45:13	0.026
172	06/04/2019	18:46:13	0.027
173	06/04/2019	18:47:13	0.023
174	06/04/2019	18:48:13	0.029
175	06/04/2019	18:49:13	0.040
176	06/04/2019	18:50:13	0.031
177	06/04/2019	18:51:13	0.029
178	06/04/2019	18:52:13	0.034
179	06/04/2019	18:53:13	0.034
180	06/04/2019	18:54:13	0.037
181	06/04/2019	18:55:13	0.034
182	06/04/2019	18:56:13	0.034
183	06/04/2019	18:57:13	0.035
184	06/04/2019	18:58:13	0.036
185	06/04/2019	18:59:13	0.037
186	06/04/2019	19:00:13	0.044
187	06/04/2019	19:01:13	0.036
188	06/04/2019	19:02:13	0.033
189	06/04/2019	19:03:13	0.033
190	06/04/2019	19:04:13	0.035
191	06/04/2019	19:05:13	0.036
192	06/04/2019	19:06:13	0.042
193	06/04/2019	19:07:13	0.038
194	06/04/2019	19:08:13	0.032
195	06/04/2019	19:09:13	0.040
196	06/04/2019	19:10:13	0.032
197	06/04/2019	19:11:13	0.038
198	06/04/2019	19:12:13	0.032
199	06/04/2019	19:13:13	0.038
200	06/04/2019	19:14:13	0.041
201	06/04/2019	19:15:13	0.040
202	06/04/2019	19:16:13	0.036
203	06/04/2019	19:17:13	0.036
204	06/04/2019	19:18:13	0.029

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
205	06/04/2019	19:19:13	0.034
206	06/04/2019	19:20:13	0.030
207	06/04/2019	19:21:13	0.034
208	06/04/2019	19:22:13	0.035
209	06/04/2019	19:23:13	0.036
210	06/04/2019	19:24:13	0.034
211	06/04/2019	19:25:13	0.026
212	06/04/2019	19:26:13	0.033
213	06/04/2019	19:27:13	0.032
214	06/04/2019	19:28:13	0.037
215	06/04/2019	19:29:13	0.034
216	06/04/2019	19:30:13	0.034
217	06/04/2019	19:31:13	0.032
218	06/04/2019	19:32:13	0.035
219	06/04/2019	19:33:13	0.037
220	06/04/2019	19:34:13	0.035
221	06/04/2019	19:35:13	0.037
222	06/04/2019	19:36:13	0.037
223	06/04/2019	19:37:13	0.035
224	06/04/2019	19:38:13	0.036
225	06/04/2019	19:39:13	0.032
226	06/04/2019	19:40:13	0.037
227	06/04/2019	19:41:13	0.036
228	06/04/2019	19:42:13	0.035
229	06/04/2019	19:43:13	0.037
230	06/04/2019	19:44:13	0.035
231	06/04/2019	19:45:13	0.034
232	06/04/2019	19:46:13	0.035
233	06/04/2019	19:47:13	0.030
234	06/04/2019	19:48:13	0.031
235	06/04/2019	19:49:13	0.030
236	06/04/2019	19:50:13	0.035
237	06/04/2019	19:51:13	0.033
238	06/04/2019	19:52:13	0.031
239	06/04/2019	19:53:13	0.031
240	06/04/2019	19:54:13	0.032
241	06/04/2019	19:55:13	0.029
242	06/04/2019	19:56:13	0.030
243	06/04/2019	19:57:13	0.029
244	06/04/2019	19:58:13	0.028
245	06/04/2019	19:59:13	0.030
246	06/04/2019	20:00:13	0.033
247	06/04/2019	20:01:13	0.030
248	06/04/2019	20:02:13	0.032
249	06/04/2019	20:03:13	0.031
250	06/04/2019	20:04:13	0.029

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
251	06/04/2019	20:05:13	0.035
252	06/04/2019	20:06:13	0.030
253	06/04/2019	20:07:13	0.030
254	06/04/2019	20:08:13	0.028
255	06/04/2019	20:09:13	0.032
256	06/04/2019	20:10:13	0.027
257	06/04/2019	20:11:13	0.027
258	06/04/2019	20:12:13	0.027
259	06/04/2019	20:13:13	0.029
260	06/04/2019	20:14:13	0.028
261	06/04/2019	20:15:13	0.026
262	06/04/2019	20:16:13	0.025
263	06/04/2019	20:17:13	0.027
264	06/04/2019	20:18:13	0.027
265	06/04/2019	20:19:13	0.026
266	06/04/2019	20:20:13	0.026
267	06/04/2019	20:21:13	0.025
268	06/04/2019	20:22:13	0.028
269	06/04/2019	20:23:13	0.025
270	06/04/2019	20:24:13	0.026
271	06/04/2019	20:25:13	0.025
272	06/04/2019	20:26:13	0.025
273	06/04/2019	20:27:13	0.026
274	06/04/2019	20:28:13	0.024
275	06/04/2019	20:29:13	0.023
276	06/04/2019	20:30:13	0.022
277	06/04/2019	20:31:13	0.023
278	06/04/2019	20:32:13	0.022
279	06/04/2019	20:33:13	0.023
280	06/04/2019	20:34:13	0.022
281	06/04/2019	20:35:13	0.023
282	06/04/2019	20:36:13	0.023
283	06/04/2019	20:37:13	0.023
284	06/04/2019	20:38:13	0.022
285	06/04/2019	20:39:13	0.024
286	06/04/2019	20:40:13	0.024
287	06/04/2019	20:41:13	0.023
288	06/04/2019	20:42:13	0.025
289	06/04/2019	20:43:13	0.024
290	06/04/2019	20:44:13	0.023
291	06/04/2019	20:45:13	0.022
292	06/04/2019	20:46:13	0.021
293	06/04/2019	20:47:13	0.022
294	06/04/2019	20:48:13	0.022
295	06/04/2019	20:49:13	0.022
296	06/04/2019	20:50:13	0.022

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
297	06/04/2019	20:51:13	0.022
298	06/04/2019	20:52:13	0.024
299	06/04/2019	20:53:13	0.022
300	06/04/2019	20:54:13	0.023
301	06/04/2019	20:55:13	0.022
302	06/04/2019	20:56:13	0.021
303	06/04/2019	20:57:13	0.023
304	06/04/2019	20:58:13	0.021
305	06/04/2019	20:59:13	0.019
306	06/04/2019	21:00:13	0.020
307	06/04/2019	21:01:13	0.022
308	06/04/2019	21:02:13	0.019
309	06/04/2019	21:03:13	0.022
310	06/04/2019	21:04:13	0.021
311	06/04/2019	21:05:13	0.020
312	06/04/2019	21:06:13	0.021
313	06/04/2019	21:07:13	0.021
314	06/04/2019	21:08:13	0.019
315	06/04/2019	21:09:13	0.021
316	06/04/2019	21:10:13	0.023
317	06/04/2019	21:11:13	0.020
318	06/04/2019	21:12:13	0.023
319	06/04/2019	21:13:13	0.021
320	06/04/2019	21:14:13	0.020
321	06/04/2019	21:15:13	0.022
322	06/04/2019	21:16:13	0.022
323	06/04/2019	21:17:13	0.021
324	06/04/2019	21:18:13	0.022
325	06/04/2019	21:19:13	0.022
326	06/04/2019	21:20:13	0.021
327	06/04/2019	21:21:13	0.020
328	06/04/2019	21:22:13	0.020
329	06/04/2019	21:23:13	0.019
330	06/04/2019	21:24:13	0.019
331	06/04/2019	21:25:13	0.020
332	06/04/2019	21:26:13	0.020
333	06/04/2019	21:27:13	0.022
334	06/04/2019	21:28:13	0.021
335	06/04/2019	21:29:13	0.021
336	06/04/2019	21:30:13	0.020
337	06/04/2019	21:31:13	0.021
338	06/04/2019	21:32:13	0.020
339	06/04/2019	21:33:13	0.021
340	06/04/2019	21:34:13	0.020
341	06/04/2019	21:35:13	0.021
342	06/04/2019	21:36:13	0.021

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
343	06/04/2019	21:37:13	0.020
344	06/04/2019	21:38:13	0.020
345	06/04/2019	21:39:13	0.020
346	06/04/2019	21:40:13	0.020
347	06/04/2019	21:41:13	0.020
348	06/04/2019	21:42:13	0.020
349	06/04/2019	21:43:13	0.020
350	06/04/2019	21:44:13	0.021
351	06/04/2019	21:45:13	0.021
352	06/04/2019	21:46:13	0.021
353	06/04/2019	21:47:13	0.020
354	06/04/2019	21:48:13	0.021
355	06/04/2019	21:49:13	0.021
356	06/04/2019	21:50:13	0.021
357	06/04/2019	21:51:13	0.022
358	06/04/2019	21:52:13	0.021
359	06/04/2019	21:53:13	0.021
360	06/04/2019	21:54:13	0.022
361	06/04/2019	21:55:13	0.021
362	06/04/2019	21:56:13	0.020
363	06/04/2019	21:57:13	0.021
364	06/04/2019	21:58:13	0.021
365	06/04/2019	21:59:13	0.021
366	06/04/2019	22:00:13	0.022
367	06/04/2019	22:01:13	0.021
368	06/04/2019	22:02:13	0.021
369	06/04/2019	22:03:13	0.022
370	06/04/2019	22:04:13	0.021
371	06/04/2019	22:05:13	0.022
372	06/04/2019	22:06:13	0.021
373	06/04/2019	22:07:13	0.021
374	06/04/2019	22:08:13	0.021
375	06/04/2019	22:09:13	0.021
376	06/04/2019	22:10:13	0.022
377	06/04/2019	22:11:13	0.021
378	06/04/2019	22:12:13	0.021
379	06/04/2019	22:13:13	0.022
380	06/04/2019	22:14:13	0.021
381	06/04/2019	22:15:13	0.022
382	06/04/2019	22:16:13	0.022
383	06/04/2019	22:17:13	0.023
384	06/04/2019	22:18:13	0.022
385	06/04/2019	22:19:13	0.023
386	06/04/2019	22:20:13	0.022
387	06/04/2019	22:21:13	0.023
388	06/04/2019	22:22:13	0.022

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
389	06/04/2019	22:23:13	0.022
390	06/04/2019	22:24:13	0.022
391	06/04/2019	22:25:13	0.023
392	06/04/2019	22:26:13	0.023
393	06/04/2019	22:27:13	0.021
394	06/04/2019	22:28:13	0.022
395	06/04/2019	22:29:13	0.022
396	06/04/2019	22:30:13	0.022
397	06/04/2019	22:31:13	0.021
398	06/04/2019	22:32:13	0.023
399	06/04/2019	22:33:13	0.022
400	06/04/2019	22:34:13	0.021
401	06/04/2019	22:35:13	0.021
402	06/04/2019	22:36:13	0.022
403	06/04/2019	22:37:13	0.021
404	06/04/2019	22:38:13	0.021
405	06/04/2019	22:39:13	0.020
406	06/04/2019	22:40:13	0.022
407	06/04/2019	22:41:13	0.022
408	06/04/2019	22:42:13	0.023
409	06/04/2019	22:43:13	0.021
410	06/04/2019	22:44:13	0.022
411	06/04/2019	22:45:13	0.023
412	06/04/2019	22:46:13	0.022
413	06/04/2019	22:47:13	0.020
414	06/04/2019	22:48:13	0.021
415	06/04/2019	22:49:13	0.022
416	06/04/2019	22:50:13	0.021
417	06/04/2019	22:51:13	0.021
418	06/04/2019	22:52:13	0.020
419	06/04/2019	22:53:13	0.021
420	06/04/2019	22:54:13	0.022
421	06/04/2019	22:55:13	0.021
422	06/04/2019	22:56:13	0.022
423	06/04/2019	22:57:13	0.021
424	06/04/2019	22:58:13	0.021
425	06/04/2019	22:59:13	0.020
426	06/04/2019	23:00:13	0.021
427	06/04/2019	23:01:13	0.021
428	06/04/2019	23:02:13	0.021
429	06/04/2019	23:03:13	0.022
430	06/04/2019	23:04:13	0.023
431	06/04/2019	23:05:13	0.022
432	06/04/2019	23:06:13	0.022
433	06/04/2019	23:07:13	0.022
434	06/04/2019	23:08:13	0.021

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
435	06/04/2019	23:09:13	0.021
436	06/04/2019	23:10:13	0.021
437	06/04/2019	23:11:13	0.022
438	06/04/2019	23:12:13	0.021
439	06/04/2019	23:13:13	0.021
440	06/04/2019	23:14:13	0.021
441	06/04/2019	23:15:13	0.021
442	06/04/2019	23:16:13	0.022
443	06/04/2019	23:17:13	0.021
444	06/04/2019	23:18:13	0.021
445	06/04/2019	23:19:13	0.022
446	06/04/2019	23:20:13	0.021
447	06/04/2019	23:21:13	0.021
448	06/04/2019	23:22:13	0.021
449	06/04/2019	23:23:13	0.022
450	06/04/2019	23:24:13	0.021
451	06/04/2019	23:25:13	0.022
452	06/04/2019	23:26:13	0.023
453	06/04/2019	23:27:13	0.022
454	06/04/2019	23:28:13	0.021
455	06/04/2019	23:29:13	0.022
456	06/04/2019	23:30:13	0.022
457	06/04/2019	23:31:13	0.022
458	06/04/2019	23:32:13	0.021
459	06/04/2019	23:33:13	0.021
460	06/04/2019	23:34:13	0.022
461	06/04/2019	23:35:13	0.021
462	06/04/2019	23:36:13	0.020
463	06/04/2019	23:37:13	0.023
464	06/04/2019	23:38:13	0.021
465	06/04/2019	23:39:13	0.022
466	06/04/2019	23:40:13	0.022
467	06/04/2019	23:41:13	0.021
468	06/04/2019	23:42:13	0.022
469	06/04/2019	23:43:13	0.021
470	06/04/2019	23:44:13	0.022
471	06/04/2019	23:45:13	0.021
472	06/04/2019	23:46:13	0.023
473	06/04/2019	23:47:13	0.021
474	06/04/2019	23:48:13	0.021
475	06/04/2019	23:49:13	0.021
476	06/04/2019	23:50:13	0.022
477	06/04/2019	23:51:13	0.022
478	06/04/2019	23:52:13	0.022
479	06/04/2019	23:53:13	0.021
480	06/04/2019	23:54:13	0.021

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
481	06/04/2019	23:55:13	0.021
482	06/04/2019	23:56:13	0.022
483	06/04/2019	23:57:13	0.021
484	06/04/2019	23:58:13	0.022
485	06/04/2019	23:59:13	0.022
486	06/05/2019	00:00:13	0.022
487	06/05/2019	00:01:13	0.022
488	06/05/2019	00:02:13	0.020
489	06/05/2019	00:03:13	0.022
490	06/05/2019	00:04:13	0.021
491	06/05/2019	00:05:13	0.021
492	06/05/2019	00:06:13	0.021
493	06/05/2019	00:07:13	0.023
494	06/05/2019	00:08:13	0.021
495	06/05/2019	00:09:13	0.020
496	06/05/2019	00:10:13	0.021
497	06/05/2019	00:11:13	0.021
498	06/05/2019	00:12:13	0.021
499	06/05/2019	00:13:13	0.022
500	06/05/2019	00:14:13	0.021
501	06/05/2019	00:15:13	0.022
502	06/05/2019	00:16:13	0.021
503	06/05/2019	00:17:13	0.021
504	06/05/2019	00:18:13	0.021
505	06/05/2019	00:19:13	0.021
506	06/05/2019	00:20:13	0.021
507	06/05/2019	00:21:13	0.021
508	06/05/2019	00:22:13	0.022
509	06/05/2019	00:23:13	0.021
510	06/05/2019	00:24:13	0.022
511	06/05/2019	00:25:13	0.022
512	06/05/2019	00:26:13	0.021
513	06/05/2019	00:27:13	0.022
514	06/05/2019	00:28:13	0.022
515	06/05/2019	00:29:13	0.022
516	06/05/2019	00:30:13	0.022
517	06/05/2019	00:31:13	0.022
518	06/05/2019	00:32:13	0.021
519	06/05/2019	00:33:13	0.022
520	06/05/2019	00:34:13	0.022
521	06/05/2019	00:35:13	0.021
522	06/05/2019	00:36:13	0.023
523	06/05/2019	00:37:13	0.021
524	06/05/2019	00:38:13	0.022
525	06/05/2019	00:39:13	0.022
526	06/05/2019	00:40:13	0.023

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
527	06/05/2019	00:41:13	0.023
528	06/05/2019	00:42:13	0.022
529	06/05/2019	00:43:13	0.022
530	06/05/2019	00:44:13	0.021
531	06/05/2019	00:45:13	0.021
532	06/05/2019	00:46:13	0.023
533	06/05/2019	00:47:13	0.021
534	06/05/2019	00:48:13	0.023
535	06/05/2019	00:49:13	0.021
536	06/05/2019	00:50:13	0.022
537	06/05/2019	00:51:13	0.022
538	06/05/2019	00:52:13	0.022
539	06/05/2019	00:53:13	0.023
540	06/05/2019	00:54:13	0.023
541	06/05/2019	00:55:13	0.022
542	06/05/2019	00:56:13	0.023
543	06/05/2019	00:57:13	0.023
544	06/05/2019	00:58:13	0.023
545	06/05/2019	00:59:13	0.022
546	06/05/2019	01:00:13	0.022
547	06/05/2019	01:01:13	0.021
548	06/05/2019	01:02:13	0.022
549	06/05/2019	01:03:13	0.022
550	06/05/2019	01:04:13	0.022
551	06/05/2019	01:05:13	0.021
552	06/05/2019	01:06:13	0.022
553	06/05/2019	01:07:13	0.022
554	06/05/2019	01:08:13	0.022
555	06/05/2019	01:09:13	0.022
556	06/05/2019	01:10:13	0.023
557	06/05/2019	01:11:13	0.021
558	06/05/2019	01:12:13	0.022
559	06/05/2019	01:13:13	0.022
560	06/05/2019	01:14:13	0.022
561	06/05/2019	01:15:13	0.022
562	06/05/2019	01:16:13	0.021
563	06/05/2019	01:17:13	0.023
564	06/05/2019	01:18:13	0.023
565	06/05/2019	01:19:13	0.023
566	06/05/2019	01:20:13	0.022
567	06/05/2019	01:21:13	0.022
568	06/05/2019	01:22:13	0.023
569	06/05/2019	01:23:13	0.021
570	06/05/2019	01:24:13	0.022
571	06/05/2019	01:25:13	0.023
572	06/05/2019	01:26:13	0.022

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
573	06/05/2019	01:27:13	0.022
574	06/05/2019	01:28:13	0.022
575	06/05/2019	01:29:13	0.022
576	06/05/2019	01:30:13	0.023
577	06/05/2019	01:31:13	0.022
578	06/05/2019	01:32:13	0.023
579	06/05/2019	01:33:13	0.022
580	06/05/2019	01:34:13	0.023
581	06/05/2019	01:35:13	0.022
582	06/05/2019	01:36:13	0.023
583	06/05/2019	01:37:13	0.022
584	06/05/2019	01:38:13	0.022
585	06/05/2019	01:39:13	0.023
586	06/05/2019	01:40:13	0.023
587	06/05/2019	01:41:13	0.023
588	06/05/2019	01:42:13	0.024
589	06/05/2019	01:43:13	0.024
590	06/05/2019	01:44:13	0.023
591	06/05/2019	01:45:13	0.024
592	06/05/2019	01:46:13	0.023
593	06/05/2019	01:47:13	0.023
594	06/05/2019	01:48:13	0.023
595	06/05/2019	01:49:13	0.024
596	06/05/2019	01:50:13	0.024
597	06/05/2019	01:51:13	0.024
598	06/05/2019	01:52:13	0.023
599	06/05/2019	01:53:13	0.023
600	06/05/2019	01:54:13	0.024
601	06/05/2019	01:55:13	0.024
602	06/05/2019	01:56:13	0.023
603	06/05/2019	01:57:13	0.023
604	06/05/2019	01:58:13	0.023
605	06/05/2019	01:59:13	0.022
606	06/05/2019	02:00:13	0.024
607	06/05/2019	02:01:13	0.023
608	06/05/2019	02:02:13	0.023
609	06/05/2019	02:03:13	0.024
610	06/05/2019	02:04:13	0.023
611	06/05/2019	02:05:13	0.023
612	06/05/2019	02:06:13	0.023
613	06/05/2019	02:07:13	0.023
614	06/05/2019	02:08:13	0.024
615	06/05/2019	02:09:13	0.024
616	06/05/2019	02:10:13	0.025
617	06/05/2019	02:11:13	0.023
618	06/05/2019	02:12:13	0.024

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
619	06/05/2019	02:13:13	0.024
620	06/05/2019	02:14:13	0.023
621	06/05/2019	02:15:13	0.023
622	06/05/2019	02:16:13	0.024
623	06/05/2019	02:17:13	0.024
624	06/05/2019	02:18:13	0.025
625	06/05/2019	02:19:13	0.024
626	06/05/2019	02:20:13	0.023
627	06/05/2019	02:21:13	0.024
628	06/05/2019	02:22:13	0.024
629	06/05/2019	02:23:13	0.023
630	06/05/2019	02:24:13	0.023
631	06/05/2019	02:25:13	0.024
632	06/05/2019	02:26:13	0.023
633	06/05/2019	02:27:13	0.023
634	06/05/2019	02:28:13	0.024
635	06/05/2019	02:29:13	0.023
636	06/05/2019	02:30:13	0.023
637	06/05/2019	02:31:13	0.024
638	06/05/2019	02:32:13	0.024
639	06/05/2019	02:33:13	0.024
640	06/05/2019	02:34:13	0.024
641	06/05/2019	02:35:13	0.023
642	06/05/2019	02:36:13	0.024
643	06/05/2019	02:37:13	0.023
644	06/05/2019	02:38:13	0.024
645	06/05/2019	02:39:13	0.024
646	06/05/2019	02:40:13	0.023
647	06/05/2019	02:41:13	0.023
648	06/05/2019	02:42:13	0.024
649	06/05/2019	02:43:13	0.023
650	06/05/2019	02:44:13	0.024
651	06/05/2019	02:45:13	0.024
652	06/05/2019	02:46:13	0.024
653	06/05/2019	02:47:13	0.024
654	06/05/2019	02:48:13	0.025
655	06/05/2019	02:49:13	0.023
656	06/05/2019	02:50:13	0.024
657	06/05/2019	02:51:13	0.023
658	06/05/2019	02:52:13	0.025
659	06/05/2019	02:53:13	0.024
660	06/05/2019	02:54:13	0.024
661	06/05/2019	02:55:13	0.023
662	06/05/2019	02:56:13	0.023
663	06/05/2019	02:57:13	0.023
664	06/05/2019	02:58:13	0.024

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
665	06/05/2019	02:59:13	0.024
666	06/05/2019	03:00:13	0.023
667	06/05/2019	03:01:13	0.024
668	06/05/2019	03:02:13	0.023
669	06/05/2019	03:03:13	0.023
670	06/05/2019	03:04:13	0.024
671	06/05/2019	03:05:13	0.023
672	06/05/2019	03:06:13	0.024
673	06/05/2019	03:07:13	0.024
674	06/05/2019	03:08:13	0.024
675	06/05/2019	03:09:13	0.024
676	06/05/2019	03:10:13	0.024
677	06/05/2019	03:11:13	0.024
678	06/05/2019	03:12:13	0.024
679	06/05/2019	03:13:13	0.024
680	06/05/2019	03:14:13	0.024
681	06/05/2019	03:15:13	0.024
682	06/05/2019	03:16:13	0.023
683	06/05/2019	03:17:13	0.024
684	06/05/2019	03:18:13	0.024
685	06/05/2019	03:19:13	0.024
686	06/05/2019	03:20:13	0.024
687	06/05/2019	03:21:13	0.024
688	06/05/2019	03:22:13	0.023
689	06/05/2019	03:23:13	0.024
690	06/05/2019	03:24:13	0.024
691	06/05/2019	03:25:13	0.025
692	06/05/2019	03:26:13	0.023
693	06/05/2019	03:27:13	0.024
694	06/05/2019	03:28:13	0.024
695	06/05/2019	03:29:13	0.024
696	06/05/2019	03:30:13	0.024
697	06/05/2019	03:31:13	0.024
698	06/05/2019	03:32:13	0.024
699	06/05/2019	03:33:13	0.024
700	06/05/2019	03:34:13	0.024
701	06/05/2019	03:35:13	0.024
702	06/05/2019	03:36:13	0.024
703	06/05/2019	03:37:13	0.024
704	06/05/2019	03:38:13	0.025
705	06/05/2019	03:39:13	0.024
706	06/05/2019	03:40:13	0.024
707	06/05/2019	03:41:13	0.024
708	06/05/2019	03:42:13	0.024
709	06/05/2019	03:43:13	0.024
710	06/05/2019	03:44:13	0.024

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
711	06/05/2019	03:45:13	0.024
712	06/05/2019	03:46:13	0.024
713	06/05/2019	03:47:13	0.024
714	06/05/2019	03:48:13	0.024
715	06/05/2019	03:49:13	0.024
716	06/05/2019	03:50:13	0.024
717	06/05/2019	03:51:13	0.024
718	06/05/2019	03:52:13	0.024
719	06/05/2019	03:53:13	0.024
720	06/05/2019	03:54:13	0.024
721	06/05/2019	03:55:13	0.024
722	06/05/2019	03:56:13	0.024
723	06/05/2019	03:57:13	0.024
724	06/05/2019	03:58:13	0.024
725	06/05/2019	03:59:13	0.024
726	06/05/2019	04:00:13	0.024
727	06/05/2019	04:01:13	0.025
728	06/05/2019	04:02:13	0.024
729	06/05/2019	04:03:13	0.024
730	06/05/2019	04:04:13	0.025
731	06/05/2019	04:05:13	0.025
732	06/05/2019	04:06:13	0.024
733	06/05/2019	04:07:13	0.024
734	06/05/2019	04:08:13	0.023
735	06/05/2019	04:09:13	0.023
736	06/05/2019	04:10:13	0.025
737	06/05/2019	04:11:13	0.024
738	06/05/2019	04:12:13	0.023
739	06/05/2019	04:13:13	0.024
740	06/05/2019	04:14:13	0.024
741	06/05/2019	04:15:13	0.024
742	06/05/2019	04:16:13	0.025
743	06/05/2019	04:17:13	0.024
744	06/05/2019	04:18:13	0.024
745	06/05/2019	04:19:13	0.023
746	06/05/2019	04:20:13	0.024
747	06/05/2019	04:21:13	0.024
748	06/05/2019	04:22:13	0.025
749	06/05/2019	04:23:13	0.024
750	06/05/2019	04:24:13	0.025
751	06/05/2019	04:25:13	0.025
752	06/05/2019	04:26:13	0.024
753	06/05/2019	04:27:13	0.024
754	06/05/2019	04:28:13	0.024
755	06/05/2019	04:29:13	0.024
756	06/05/2019	04:30:13	0.024

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
757	06/05/2019	04:31:13	0.024
758	06/05/2019	04:32:13	0.024
759	06/05/2019	04:33:13	0.025
760	06/05/2019	04:34:13	0.025
761	06/05/2019	04:35:13	0.024
762	06/05/2019	04:36:13	0.025
763	06/05/2019	04:37:13	0.024
764	06/05/2019	04:38:13	0.026
765	06/05/2019	04:39:13	0.025
766	06/05/2019	04:40:13	0.025
767	06/05/2019	04:41:13	0.024
768	06/05/2019	04:42:13	0.024
769	06/05/2019	04:43:13	0.025
770	06/05/2019	04:44:13	0.024
771	06/05/2019	04:45:13	0.025
772	06/05/2019	04:46:13	0.025
773	06/05/2019	04:47:13	0.025
774	06/05/2019	04:48:13	0.024
775	06/05/2019	04:49:13	0.025
776	06/05/2019	04:50:13	0.024
777	06/05/2019	04:51:13	0.026
778	06/05/2019	04:52:13	0.024
779	06/05/2019	04:53:13	0.024
780	06/05/2019	04:54:13	0.025
781	06/05/2019	04:55:13	0.025
782	06/05/2019	04:56:13	0.024
783	06/05/2019	04:57:13	0.025
784	06/05/2019	04:58:13	0.024
785	06/05/2019	04:59:13	0.026
786	06/05/2019	05:00:13	0.025
787	06/05/2019	05:01:13	0.024
788	06/05/2019	05:02:13	0.025
789	06/05/2019	05:03:13	0.025
790	06/05/2019	05:04:13	0.024
791	06/05/2019	05:05:13	0.025
792	06/05/2019	05:06:13	0.024
793	06/05/2019	05:07:13	0.025
794	06/05/2019	05:08:13	0.025
795	06/05/2019	05:09:13	0.024
796	06/05/2019	05:10:13	0.025
797	06/05/2019	05:11:13	0.024
798	06/05/2019	05:12:13	0.025
799	06/05/2019	05:13:13	0.025
800	06/05/2019	05:14:13	0.024
801	06/05/2019	05:15:13	0.024
802	06/05/2019	05:16:13	0.024

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
803	06/05/2019	05:17:13	0.025
804	06/05/2019	05:18:13	0.025
805	06/05/2019	05:19:13	0.025
806	06/05/2019	05:20:13	0.025
807	06/05/2019	05:21:13	0.025
808	06/05/2019	05:22:13	0.025
809	06/05/2019	05:23:13	0.025
810	06/05/2019	05:24:13	0.025
811	06/05/2019	05:25:13	0.025
812	06/05/2019	05:26:13	0.025
813	06/05/2019	05:27:13	0.024
814	06/05/2019	05:28:13	0.023
815	06/05/2019	05:29:13	0.025
816	06/05/2019	05:30:13	0.025
817	06/05/2019	05:31:13	0.024
818	06/05/2019	05:32:13	0.025
819	06/05/2019	05:33:13	0.025
820	06/05/2019	05:34:13	0.025
821	06/05/2019	05:35:13	0.025
822	06/05/2019	05:36:13	0.025
823	06/05/2019	05:37:13	0.025
824	06/05/2019	05:38:13	0.025
825	06/05/2019	05:39:13	0.025
826	06/05/2019	05:40:13	0.026
827	06/05/2019	05:41:13	0.025
828	06/05/2019	05:42:13	0.024
829	06/05/2019	05:43:13	0.025
830	06/05/2019	05:44:13	0.025
831	06/05/2019	05:45:13	0.025
832	06/05/2019	05:46:13	0.025
833	06/05/2019	05:47:13	0.025
834	06/05/2019	05:48:13	0.026
835	06/05/2019	05:49:13	0.024
836	06/05/2019	05:50:13	0.025
837	06/05/2019	05:51:13	0.026
838	06/05/2019	05:52:13	0.025
839	06/05/2019	05:53:13	0.025
840	06/05/2019	05:54:13	0.024
841	06/05/2019	05:55:13	0.025
842	06/05/2019	05:56:13	0.025
843	06/05/2019	05:57:13	0.026
844	06/05/2019	05:58:13	0.025
845	06/05/2019	05:59:13	0.026
846	06/05/2019	06:00:13	0.026
847	06/05/2019	06:01:13	0.025
848	06/05/2019	06:02:13	0.025

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
849	06/05/2019	06:03:13	0.025
850	06/05/2019	06:04:13	0.027
851	06/05/2019	06:05:13	0.026
852	06/05/2019	06:06:13	0.026
853	06/05/2019	06:07:13	0.026
854	06/05/2019	06:08:13	0.026
855	06/05/2019	06:09:13	0.026
856	06/05/2019	06:10:13	0.026
857	06/05/2019	06:11:13	0.026
858	06/05/2019	06:12:13	0.025
859	06/05/2019	06:13:13	0.026
860	06/05/2019	06:14:13	0.027
861	06/05/2019	06:15:13	0.025
862	06/05/2019	06:16:13	0.027
863	06/05/2019	06:17:13	0.026
864	06/05/2019	06:18:13	0.027
865	06/05/2019	06:19:13	0.026
866	06/05/2019	06:20:13	0.027
867	06/05/2019	06:21:13	0.026
868	06/05/2019	06:22:13	0.027
869	06/05/2019	06:23:13	0.027
870	06/05/2019	06:24:13	0.027
871	06/05/2019	06:25:13	0.027
872	06/05/2019	06:26:13	0.027
873	06/05/2019	06:27:13	0.027
874	06/05/2019	06:28:13	0.027
875	06/05/2019	06:29:13	0.027
876	06/05/2019	06:30:13	0.027
877	06/05/2019	06:31:13	0.027
878	06/05/2019	06:32:13	0.028
879	06/05/2019	06:33:13	0.026
880	06/05/2019	06:34:13	0.027
881	06/05/2019	06:35:13	0.027
882	06/05/2019	06:36:13	0.028
883	06/05/2019	06:37:13	0.027
884	06/05/2019	06:38:13	0.027
885	06/05/2019	06:39:13	0.027
886	06/05/2019	06:40:13	0.026
887	06/05/2019	06:41:13	0.026
888	06/05/2019	06:42:13	0.027
889	06/05/2019	06:43:13	0.027
890	06/05/2019	06:44:13	0.028
891	06/05/2019	06:45:13	0.028
892	06/05/2019	06:46:13	0.027
893	06/05/2019	06:47:13	0.027
894	06/05/2019	06:48:13	0.028

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
895	06/05/2019	06:49:13	0.028
896	06/05/2019	06:50:13	0.027
897	06/05/2019	06:51:13	0.028
898	06/05/2019	06:52:13	0.027
899	06/05/2019	06:53:13	0.027
900	06/05/2019	06:54:13	0.027
901	06/05/2019	06:55:13	0.027
902	06/05/2019	06:56:13	0.028
903	06/05/2019	06:57:13	0.027
904	06/05/2019	06:58:13	0.028
905	06/05/2019	06:59:13	0.027
906	06/05/2019	07:00:13	0.028
907	06/05/2019	07:01:13	0.028
908	06/05/2019	07:02:13	0.029
909	06/05/2019	07:03:13	0.028
910	06/05/2019	07:04:13	0.028
911	06/05/2019	07:05:13	0.028
912	06/05/2019	07:06:13	0.028
913	06/05/2019	07:07:13	0.028
914	06/05/2019	07:08:13	0.028
915	06/05/2019	07:09:13	0.028
916	06/05/2019	07:10:13	0.028
917	06/05/2019	07:11:13	0.028
918	06/05/2019	07:12:13	0.028
919	06/05/2019	07:13:13	0.028
920	06/05/2019	07:14:13	0.029
921	06/05/2019	07:15:13	0.028
922	06/05/2019	07:16:13	0.028
923	06/05/2019	07:17:13	0.028
924	06/05/2019	07:18:13	0.028
925	06/05/2019	07:19:13	0.028
926	06/05/2019	07:20:13	0.029
927	06/05/2019	07:21:13	0.029
928	06/05/2019	07:22:13	0.029
929	06/05/2019	07:23:13	0.029
930	06/05/2019	07:24:13	0.028
931	06/05/2019	07:25:13	0.029
932	06/05/2019	07:26:13	0.029
933	06/05/2019	07:27:13	0.029
934	06/05/2019	07:28:13	0.029
935	06/05/2019	07:29:13	0.028
936	06/05/2019	07:30:13	0.029
937	06/05/2019	07:31:13	0.029
938	06/05/2019	07:32:13	0.029
939	06/05/2019	07:33:13	0.028
940	06/05/2019	07:34:13	0.029

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
941	06/05/2019	07:35:13	0.029
942	06/05/2019	07:36:13	0.028
943	06/05/2019	07:37:13	0.028
944	06/05/2019	07:38:13	0.029
945	06/05/2019	07:39:13	0.029
946	06/05/2019	07:40:13	0.029
947	06/05/2019	07:41:13	0.028
948	06/05/2019	07:42:13	0.028
949	06/05/2019	07:43:13	0.028
950	06/05/2019	07:44:13	0.028
951	06/05/2019	07:45:13	0.028
952	06/05/2019	07:46:13	0.028
953	06/05/2019	07:47:13	0.028
954	06/05/2019	07:48:13	0.028
955	06/05/2019	07:49:13	0.027
956	06/05/2019	07:50:13	0.028
957	06/05/2019	07:51:13	0.028
958	06/05/2019	07:52:13	0.028
959	06/05/2019	07:53:13	0.027
960	06/05/2019	07:54:13	0.027
961	06/05/2019	07:55:13	0.028
962	06/05/2019	07:56:13	0.027
963	06/05/2019	07:57:13	0.029
964	06/05/2019	07:58:13	0.028
965	06/05/2019	07:59:13	0.028
966	06/05/2019	08:00:13	0.028
967	06/05/2019	08:01:13	0.028
968	06/05/2019	08:02:13	0.028
969	06/05/2019	08:03:13	0.028
970	06/05/2019	08:04:13	0.027
971	06/05/2019	08:05:13	0.028
972	06/05/2019	08:06:13	0.027
973	06/05/2019	08:07:13	0.027
974	06/05/2019	08:08:13	0.027
975	06/05/2019	08:09:13	0.028
976	06/05/2019	08:10:13	0.058
977	06/05/2019	08:11:13	0.034
978	06/05/2019	08:12:13	0.051
979	06/05/2019	08:13:13	0.040
980	06/05/2019	08:14:13	0.037

Test 005

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/05/2019
Instrument S/N	8530171505	Start Time	08:28:38
		Stop Date	06/05/2019
		Stop Time	14:40:38
		Total Time	0:06:12:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.195 mg/m^3
Max	0.750 mg/m^3
Max Date	06/05/2019
Max Time	09:16:38
Min	0.034 mg/m^3
Min Date	06/05/2019
Min Time	12:47:38
TWA (8 hr)	0.151
TWA Start Date	06/05/2019
TWA Start Time	08:28:38
TWA End Time	14:40:38

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	06/05/2019	08:29:38	0.162
2	06/05/2019	08:30:38	0.218
3	06/05/2019	08:31:38	0.223
4	06/05/2019	08:32:38	0.229
5	06/05/2019	08:33:38	0.246
6	06/05/2019	08:34:38	0.246
7	06/05/2019	08:35:38	0.182
8	06/05/2019	08:36:38	0.126
9	06/05/2019	08:37:38	0.110
10	06/05/2019	08:38:38	0.100
11	06/05/2019	08:39:38	0.066
12	06/05/2019	08:40:38	0.236
13	06/05/2019	08:41:38	0.131
14	06/05/2019	08:42:38	0.292
15	06/05/2019	08:43:38	0.451
16	06/05/2019	08:44:38	0.473
17	06/05/2019	08:45:38	0.475
18	06/05/2019	08:46:38	0.467
19	06/05/2019	08:47:38	0.366
20	06/05/2019	08:48:38	0.428
21	06/05/2019	08:49:38	0.409

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	06/05/2019	08:50:38	0.301
23	06/05/2019	08:51:38	0.206
24	06/05/2019	08:52:38	0.276
25	06/05/2019	08:53:38	0.177
26	06/05/2019	08:54:38	0.102
27	06/05/2019	08:55:38	0.082
28	06/05/2019	08:56:38	0.055
29	06/05/2019	08:57:38	0.091
30	06/05/2019	08:58:38	0.080
31	06/05/2019	08:59:38	0.164
32	06/05/2019	09:00:38	0.129
33	06/05/2019	09:01:38	0.211
34	06/05/2019	09:02:38	0.189
35	06/05/2019	09:03:38	0.104
36	06/05/2019	09:04:38	0.327
37	06/05/2019	09:05:38	0.536
38	06/05/2019	09:06:38	0.339
39	06/05/2019	09:07:38	0.359
40	06/05/2019	09:08:38	0.274
41	06/05/2019	09:09:38	0.179
42	06/05/2019	09:10:38	0.088
43	06/05/2019	09:11:38	0.149
44	06/05/2019	09:12:38	0.173
45	06/05/2019	09:13:38	0.320
46	06/05/2019	09:14:38	0.295
47	06/05/2019	09:15:38	0.535
48	06/05/2019	09:16:38	0.750
49	06/05/2019	09:17:38	0.557
50	06/05/2019	09:18:38	0.219
51	06/05/2019	09:19:38	0.219
52	06/05/2019	09:20:38	0.182
53	06/05/2019	09:21:38	0.134
54	06/05/2019	09:22:38	0.325
55	06/05/2019	09:23:38	0.489
56	06/05/2019	09:24:38	0.640
57	06/05/2019	09:25:38	0.335
58	06/05/2019	09:26:38	0.177
59	06/05/2019	09:27:38	0.094
60	06/05/2019	09:28:38	0.055
61	06/05/2019	09:29:38	0.047
62	06/05/2019	09:30:38	0.045
63	06/05/2019	09:31:38	0.044
64	06/05/2019	09:32:38	0.044
65	06/05/2019	09:33:38	0.044
66	06/05/2019	09:34:38	0.044
67	06/05/2019	09:35:38	0.044

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
68	06/05/2019	09:36:38	0.044
69	06/05/2019	09:37:38	0.044
70	06/05/2019	09:38:38	0.044
71	06/05/2019	09:39:38	0.044
72	06/05/2019	09:40:38	0.045
73	06/05/2019	09:41:38	0.044
74	06/05/2019	09:42:38	0.044
75	06/05/2019	09:43:38	0.043
76	06/05/2019	09:44:38	0.044
77	06/05/2019	09:45:38	0.044
78	06/05/2019	09:46:38	0.044
79	06/05/2019	09:47:38	0.044
80	06/05/2019	09:48:38	0.044
81	06/05/2019	09:49:38	0.044
82	06/05/2019	09:50:38	0.044
83	06/05/2019	09:51:38	0.043
84	06/05/2019	09:52:38	0.043
85	06/05/2019	09:53:38	0.043
86	06/05/2019	09:54:38	0.044
87	06/05/2019	09:55:38	0.043
88	06/05/2019	09:56:38	0.043
89	06/05/2019	09:57:38	0.043
90	06/05/2019	09:58:38	0.043
91	06/05/2019	09:59:38	0.043
92	06/05/2019	10:00:38	0.043
93	06/05/2019	10:01:38	0.042
94	06/05/2019	10:02:38	0.042
95	06/05/2019	10:03:38	0.042
96	06/05/2019	10:04:38	0.042
97	06/05/2019	10:05:38	0.041
98	06/05/2019	10:06:38	0.041
99	06/05/2019	10:07:38	0.041
100	06/05/2019	10:08:38	0.040
101	06/05/2019	10:09:38	0.040
102	06/05/2019	10:10:38	0.041
103	06/05/2019	10:11:38	0.041
104	06/05/2019	10:12:38	0.040
105	06/05/2019	10:13:38	0.040
106	06/05/2019	10:14:38	0.039
107	06/05/2019	10:15:38	0.040
108	06/05/2019	10:16:38	0.040
109	06/05/2019	10:17:38	0.039
110	06/05/2019	10:18:38	0.046
111	06/05/2019	10:19:38	0.044
112	06/05/2019	10:20:38	0.049
113	06/05/2019	10:21:38	0.062

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
114	06/05/2019	10:22:38	0.124
115	06/05/2019	10:23:38	0.223
116	06/05/2019	10:24:38	0.281
117	06/05/2019	10:25:38	0.307
118	06/05/2019	10:26:38	0.335
119	06/05/2019	10:27:38	0.355
120	06/05/2019	10:28:38	0.364
121	06/05/2019	10:29:38	0.368
122	06/05/2019	10:30:38	0.350
123	06/05/2019	10:31:38	0.334
124	06/05/2019	10:32:38	0.341
125	06/05/2019	10:33:38	0.357
126	06/05/2019	10:34:38	0.393
127	06/05/2019	10:35:38	0.432
128	06/05/2019	10:36:38	0.468
129	06/05/2019	10:37:38	0.456
130	06/05/2019	10:38:38	0.467
131	06/05/2019	10:39:38	0.506
132	06/05/2019	10:40:38	0.515
133	06/05/2019	10:41:38	0.499
134	06/05/2019	10:42:38	0.483
135	06/05/2019	10:43:38	0.491
136	06/05/2019	10:44:38	0.496
137	06/05/2019	10:45:38	0.491
138	06/05/2019	10:46:38	0.497
139	06/05/2019	10:47:38	0.483
140	06/05/2019	10:48:38	0.465
141	06/05/2019	10:49:38	0.470
142	06/05/2019	10:50:38	0.439
143	06/05/2019	10:51:38	0.439
144	06/05/2019	10:52:38	0.426
145	06/05/2019	10:53:38	0.426
146	06/05/2019	10:54:38	0.417
147	06/05/2019	10:55:38	0.388
148	06/05/2019	10:56:38	0.349
149	06/05/2019	10:57:38	0.322
150	06/05/2019	10:58:38	0.308
151	06/05/2019	10:59:38	0.291
152	06/05/2019	11:00:38	0.263
153	06/05/2019	11:01:38	0.246
154	06/05/2019	11:02:38	0.226
155	06/05/2019	11:03:38	0.215
156	06/05/2019	11:04:38	0.200
157	06/05/2019	11:05:38	0.187
158	06/05/2019	11:06:38	0.178
159	06/05/2019	11:07:38	0.167

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
160	06/05/2019	11:08:38	0.210
161	06/05/2019	11:09:38	0.286
162	06/05/2019	11:10:38	0.326
163	06/05/2019	11:11:38	0.351
164	06/05/2019	11:12:38	0.360
165	06/05/2019	11:13:38	0.370
166	06/05/2019	11:14:38	0.390
167	06/05/2019	11:15:38	0.394
168	06/05/2019	11:16:38	0.382
169	06/05/2019	11:17:38	0.416
170	06/05/2019	11:18:38	0.445
171	06/05/2019	11:19:38	0.458
172	06/05/2019	11:20:38	0.462
173	06/05/2019	11:21:38	0.435
174	06/05/2019	11:22:38	0.416
175	06/05/2019	11:23:38	0.402
176	06/05/2019	11:24:38	0.398
177	06/05/2019	11:25:38	0.371
178	06/05/2019	11:26:38	0.335
179	06/05/2019	11:27:38	0.292
180	06/05/2019	11:28:38	0.268
181	06/05/2019	11:29:38	0.250
182	06/05/2019	11:30:38	0.214
183	06/05/2019	11:31:38	0.198
184	06/05/2019	11:32:38	0.178
185	06/05/2019	11:33:38	0.164
186	06/05/2019	11:34:38	0.145
187	06/05/2019	11:35:38	0.136
188	06/05/2019	11:36:38	0.126
189	06/05/2019	11:37:38	0.118
190	06/05/2019	11:38:38	0.108
191	06/05/2019	11:39:38	0.107
192	06/05/2019	11:40:38	0.098
193	06/05/2019	11:41:38	0.091
194	06/05/2019	11:42:38	0.088
195	06/05/2019	11:43:38	0.084
196	06/05/2019	11:44:38	0.081
197	06/05/2019	11:45:38	0.076
198	06/05/2019	11:46:38	0.070
199	06/05/2019	11:47:38	0.068
200	06/05/2019	11:48:38	0.066
201	06/05/2019	11:49:38	0.063
202	06/05/2019	11:50:38	0.062
203	06/05/2019	11:51:38	0.057
204	06/05/2019	11:52:38	0.055
205	06/05/2019	11:53:38	0.054

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
206	06/05/2019	11:54:38	0.054
207	06/05/2019	11:55:38	0.052
208	06/05/2019	11:56:38	0.051
209	06/05/2019	11:57:38	0.048
210	06/05/2019	11:58:38	0.047
211	06/05/2019	11:59:38	0.045
212	06/05/2019	12:00:38	0.044
213	06/05/2019	12:01:38	0.043
214	06/05/2019	12:02:38	0.042
215	06/05/2019	12:03:38	0.042
216	06/05/2019	12:04:38	0.041
217	06/05/2019	12:05:38	0.041
218	06/05/2019	12:06:38	0.041
219	06/05/2019	12:07:38	0.041
220	06/05/2019	12:08:38	0.041
221	06/05/2019	12:09:38	0.040
222	06/05/2019	12:10:38	0.040
223	06/05/2019	12:11:38	0.040
224	06/05/2019	12:12:38	0.040
225	06/05/2019	12:13:38	0.039
226	06/05/2019	12:14:38	0.039
227	06/05/2019	12:15:38	0.039
228	06/05/2019	12:16:38	0.039
229	06/05/2019	12:17:38	0.039
230	06/05/2019	12:18:38	0.038
231	06/05/2019	12:19:38	0.040
232	06/05/2019	12:20:38	0.038
233	06/05/2019	12:21:38	0.037
234	06/05/2019	12:22:38	0.037
235	06/05/2019	12:23:38	0.036
236	06/05/2019	12:24:38	0.037
237	06/05/2019	12:25:38	0.036
238	06/05/2019	12:26:38	0.036
239	06/05/2019	12:27:38	0.036
240	06/05/2019	12:28:38	0.037
241	06/05/2019	12:29:38	0.036
242	06/05/2019	12:30:38	0.036
243	06/05/2019	12:31:38	0.035
244	06/05/2019	12:32:38	0.035
245	06/05/2019	12:33:38	0.035
246	06/05/2019	12:34:38	0.035
247	06/05/2019	12:35:38	0.035
248	06/05/2019	12:36:38	0.036
249	06/05/2019	12:37:38	0.035
250	06/05/2019	12:38:38	0.035
251	06/05/2019	12:39:38	0.035

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
252	06/05/2019	12:40:38	0.035
253	06/05/2019	12:41:38	0.035
254	06/05/2019	12:42:38	0.035
255	06/05/2019	12:43:38	0.035
256	06/05/2019	12:44:38	0.035
257	06/05/2019	12:45:38	0.035
258	06/05/2019	12:46:38	0.035
259	06/05/2019	12:47:38	0.034
260	06/05/2019	12:48:38	0.034
261	06/05/2019	12:49:38	0.034
262	06/05/2019	12:50:38	0.035
263	06/05/2019	12:51:38	0.035
264	06/05/2019	12:52:38	0.035
265	06/05/2019	12:53:38	0.036
266	06/05/2019	12:54:38	0.036
267	06/05/2019	12:55:38	0.037
268	06/05/2019	12:56:38	0.037
269	06/05/2019	12:57:38	0.037
270	06/05/2019	12:58:38	0.037
271	06/05/2019	12:59:38	0.038
272	06/05/2019	13:00:38	0.038
273	06/05/2019	13:01:38	0.038
274	06/05/2019	13:02:38	0.038
275	06/05/2019	13:03:38	0.039
276	06/05/2019	13:04:38	0.040
277	06/05/2019	13:05:38	0.044
278	06/05/2019	13:06:38	0.046
279	06/05/2019	13:07:38	0.055
280	06/05/2019	13:08:38	0.070
281	06/05/2019	13:09:38	0.076
282	06/05/2019	13:10:38	0.097
283	06/05/2019	13:11:38	0.110
284	06/05/2019	13:12:38	0.151
285	06/05/2019	13:13:38	0.230
286	06/05/2019	13:14:38	0.219
287	06/05/2019	13:15:38	0.247
288	06/05/2019	13:16:38	0.236
289	06/05/2019	13:17:38	0.237
290	06/05/2019	13:18:38	0.247
291	06/05/2019	13:19:38	0.253
292	06/05/2019	13:20:38	0.287
293	06/05/2019	13:21:38	0.305
294	06/05/2019	13:22:38	0.314
295	06/05/2019	13:23:38	0.334
296	06/05/2019	13:24:38	0.362
297	06/05/2019	13:25:38	0.399

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
298	06/05/2019	13:26:38	0.392
299	06/05/2019	13:27:38	0.402
300	06/05/2019	13:28:38	0.425
301	06/05/2019	13:29:38	0.422
302	06/05/2019	13:30:38	0.413
303	06/05/2019	13:31:38	0.414
304	06/05/2019	13:32:38	0.446
305	06/05/2019	13:33:38	0.452
306	06/05/2019	13:34:38	0.448
307	06/05/2019	13:35:38	0.469
308	06/05/2019	13:36:38	0.471
309	06/05/2019	13:37:38	0.490
310	06/05/2019	13:38:38	0.496
311	06/05/2019	13:39:38	0.506
312	06/05/2019	13:40:38	0.514
313	06/05/2019	13:41:38	0.515
314	06/05/2019	13:42:38	0.507
315	06/05/2019	13:43:38	0.507
316	06/05/2019	13:44:38	0.507
317	06/05/2019	13:45:38	0.487
318	06/05/2019	13:46:38	0.460
319	06/05/2019	13:47:38	0.464
320	06/05/2019	13:48:38	0.453
321	06/05/2019	13:49:38	0.449
322	06/05/2019	13:50:38	0.441
323	06/05/2019	13:51:38	0.418
324	06/05/2019	13:52:38	0.404
325	06/05/2019	13:53:38	0.387
326	06/05/2019	13:54:38	0.356
327	06/05/2019	13:55:38	0.355
328	06/05/2019	13:56:38	0.338
329	06/05/2019	13:57:38	0.305
330	06/05/2019	13:58:38	0.298
331	06/05/2019	13:59:38	0.295
332	06/05/2019	14:00:38	0.296
333	06/05/2019	14:01:38	0.286
334	06/05/2019	14:02:38	0.261
335	06/05/2019	14:03:38	0.249
336	06/05/2019	14:04:38	0.241
337	06/05/2019	14:05:38	0.236
338	06/05/2019	14:06:38	0.215
339	06/05/2019	14:07:38	0.197
340	06/05/2019	14:08:38	0.187
341	06/05/2019	14:09:38	0.183
342	06/05/2019	14:10:38	0.182
343	06/05/2019	14:11:38	0.176

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
344	06/05/2019	14:12:38	0.160
345	06/05/2019	14:13:38	0.154
346	06/05/2019	14:14:38	0.153
347	06/05/2019	14:15:38	0.153
348	06/05/2019	14:16:38	0.147
349	06/05/2019	14:17:38	0.139
350	06/05/2019	14:18:38	0.135
351	06/05/2019	14:19:38	0.124
352	06/05/2019	14:20:38	0.123
353	06/05/2019	14:21:38	0.118
354	06/05/2019	14:22:38	0.111
355	06/05/2019	14:23:38	0.108
356	06/05/2019	14:24:38	0.106
357	06/05/2019	14:25:38	0.109
358	06/05/2019	14:26:38	0.095
359	06/05/2019	14:27:38	0.090
360	06/05/2019	14:28:38	0.088
361	06/05/2019	14:29:38	0.095
362	06/05/2019	14:30:38	0.087
363	06/05/2019	14:31:38	0.084
364	06/05/2019	14:32:38	0.081
365	06/05/2019	14:33:38	0.081
366	06/05/2019	14:34:38	0.077
367	06/05/2019	14:35:38	0.071
368	06/05/2019	14:36:38	0.073
369	06/05/2019	14:37:38	0.075
370	06/05/2019	14:38:38	0.068
371	06/05/2019	14:39:38	0.069
372	06/05/2019	14:40:38	0.066

Test 002

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/23/2019
Instrument S/N	8530142512	Start Time	08:04:28
		Stop Date	01/23/2019
		Stop Time	14:49:28
		Total Time	0:06:45:00
		Logging Interval	900 seconds

Statistics	
	AEROSOL
Avg	0.015 mg/m^3
Max	0.029 mg/m^3
Max Date	01/23/2019
Max Time	08:19:28
Min	0.009 mg/m^3
Min Date	01/23/2019
Min Time	13:49:28
TWA (8 hr)	0.013
TWA Start Date	01/23/2019
TWA Start Time	08:04:28
TWA End Time	14:49:28

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	01/23/2019	08:19:28	0.029
2	01/23/2019	08:34:28	0.025
3	01/23/2019	08:49:28	0.022
4	01/23/2019	09:04:28	0.020
5	01/23/2019	09:19:28	0.018
6	01/23/2019	09:34:28	0.017
7	01/23/2019	09:49:28	0.017
8	01/23/2019	10:04:28	0.017
9	01/23/2019	10:19:28	0.017
10	01/23/2019	10:34:28	0.017
11	01/23/2019	10:49:28	0.016
12	01/23/2019	11:04:28	0.016
13	01/23/2019	11:19:28	0.016
14	01/23/2019	11:34:28	0.016
15	01/23/2019	11:49:28	0.015
16	01/23/2019	12:04:28	0.014
17	01/23/2019	12:19:28	0.013
18	01/23/2019	12:34:28	0.012
19	01/23/2019	12:49:28	0.011
20	01/23/2019	13:04:28	0.011
21	01/23/2019	13:19:28	0.010

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	01/23/2019	13:34:28	0.010
23	01/23/2019	13:49:28	0.009
24	01/23/2019	14:04:28	0.009
25	01/23/2019	14:19:28	0.009
26	01/23/2019	14:34:28	0.009
27	01/23/2019	14:49:28	0.010

Test 003

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/24/2019
Instrument S/N	8530142512	Start Time	08:26:19
		Stop Date	01/24/2019
		Stop Time	15:11:19
		Total Time	0:06:45:00
		Logging Interval	900 seconds

Statistics	
	AEROSOL
Avg	0.035 mg/m^3
Max	0.073 mg/m^3
Max Date	01/24/2019
Max Time	14:11:19
Min	0.022 mg/m^3
Min Date	01/24/2019
Min Time	15:11:19
TWA (8 hr)	0.029
TWA Start Date	01/24/2019
TWA Start Time	08:26:19
TWA End Time	15:11:19

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	01/24/2019	08:41:19	0.039
2	01/24/2019	08:56:19	0.039
3	01/24/2019	09:11:19	0.038
4	01/24/2019	09:26:19	0.037
5	01/24/2019	09:41:19	0.039
6	01/24/2019	09:56:19	0.037
7	01/24/2019	10:11:19	0.032
8	01/24/2019	10:26:19	0.032
9	01/24/2019	10:41:19	0.036
10	01/24/2019	10:56:19	0.036
11	01/24/2019	11:11:19	0.034
12	01/24/2019	11:26:19	0.034
13	01/24/2019	11:41:19	0.033
14	01/24/2019	11:56:19	0.032
15	01/24/2019	12:11:19	0.031
16	01/24/2019	12:26:19	0.033
17	01/24/2019	12:41:19	0.036
18	01/24/2019	12:56:19	0.036
19	01/24/2019	13:11:19	0.033
20	01/24/2019	13:26:19	0.033
21	01/24/2019	13:41:19	0.032

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	01/24/2019	13:56:19	0.029
23	01/24/2019	14:11:19	0.073
24	01/24/2019	14:26:19	0.037
25	01/24/2019	14:41:19	0.023
26	01/24/2019	14:56:19	0.025
27	01/24/2019	15:11:19	0.022

Test 004

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/25/2019
Instrument S/N	8530142512	Start Time	09:22:57
		Stop Date	01/25/2019
		Stop Time	11:07:57
		Total Time	0:01:45:00
		Logging Interval	900 seconds

Statistics	
	AEROSOL
Avg	0.030 mg/m^3
Max	0.033 mg/m^3
Max Date	01/25/2019
Max Time	09:37:57
Min	0.026 mg/m^3
Min Date	01/25/2019
Min Time	11:07:57
TWA (8 hr)	0.006
TWA Start Date	01/25/2019
TWA Start Time	09:22:57
TWA End Time	11:07:57

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	01/25/2019	09:37:57	0.033
2	01/25/2019	09:52:57	0.032
3	01/25/2019	10:07:57	0.030
4	01/25/2019	10:22:57	0.030
5	01/25/2019	10:37:57	0.029
6	01/25/2019	10:52:57	0.027
7	01/25/2019	11:07:57	0.026

Test 005

Instrument	
Model	DustTrak II
Instrument S/N	8530142512

Data Properties	
Start Date	01/28/2019
Start Time	08:30:50
Stop Date	01/28/2019
Stop Time	14:00:50
Total Time	0:05:30:00
Logging Interval	900 seconds

Statistics	
	AEROSOL
Avg	0.029 mg/m^3
Max	0.077 mg/m^3
Max Date	01/28/2019
Max Time	08:45:50
Min	0.022 mg/m^3
Min Date	01/28/2019
Min Time	09:15:50
TWA (8 hr)	0.020
TWA Start Date	01/28/2019
TWA Start Time	08:30:50
TWA End Time	14:00:50

Test Data

Data Point	Date	Time	AEROSOL mg/m^3
1	01/28/2019	08:45:50	0.077
2	01/28/2019	09:00:50	0.027
3	01/28/2019	09:15:50	0.022
4	01/28/2019	09:30:50	0.022
5	01/28/2019	09:45:50	0.023
6	01/28/2019	10:00:50	0.025
7	01/28/2019	10:15:50	0.025
8	01/28/2019	10:30:50	0.025
9	01/28/2019	10:45:50	0.024
10	01/28/2019	11:00:50	0.025
11	01/28/2019	11:15:50	0.026
12	01/28/2019	11:30:50	0.029
13	01/28/2019	11:45:50	0.029
14	01/28/2019	12:00:50	0.031
15	01/28/2019	12:15:50	0.032
16	01/28/2019	12:30:50	0.033
17	01/28/2019	12:45:50	0.034
18	01/28/2019	13:00:50	0.030
19	01/28/2019	13:15:50	0.025
20	01/28/2019	13:30:50	0.024
21	01/28/2019	13:45:50	0.023
22	01/28/2019	14:00:50	0.023

Test 006

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/26/2019
Instrument S/N	8530142512	Start Time	08:40:49
		Stop Date	02/26/2019
		Stop Time	15:55:49
		Total Time	0:07:15:00
		Logging Interval	900 seconds

Statistics	
	AEROSOL
Avg	0.023 mg/m^3
Max	0.044 mg/m^3
Max Date	02/26/2019
Max Time	11:25:49
Min	0.017 mg/m^3
Min Date	02/26/2019
Min Time	10:10:49
TWA (8 hr)	0.021
TWA Start Date	02/26/2019
TWA Start Time	08:40:49
TWA End Time	15:55:49

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	02/26/2019	08:55:49	0.032
2	02/26/2019	09:10:49	0.024
3	02/26/2019	09:25:49	0.022
4	02/26/2019	09:40:49	0.019
5	02/26/2019	09:55:49	0.019
6	02/26/2019	10:10:49	0.017
7	02/26/2019	10:25:49	0.026
8	02/26/2019	10:40:49	0.027
9	02/26/2019	10:55:49	0.038
10	02/26/2019	11:10:49	0.028
11	02/26/2019	11:25:49	0.044
12	02/26/2019	11:40:49	0.030
13	02/26/2019	11:55:49	0.029
14	02/26/2019	12:10:49	0.019
15	02/26/2019	12:25:49	0.018
16	02/26/2019	12:40:49	0.025
17	02/26/2019	12:55:49	0.018
18	02/26/2019	13:10:49	0.019
19	02/26/2019	13:25:49	0.021
20	02/26/2019	13:40:49	0.020
21	02/26/2019	13:55:49	0.019

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	02/26/2019	14:10:49	0.019
23	02/26/2019	14:25:49	0.019
24	02/26/2019	14:40:49	0.019
25	02/26/2019	14:55:49	0.020
26	02/26/2019	15:10:49	0.021
27	02/26/2019	15:25:49	0.019
28	02/26/2019	15:40:49	0.018
29	02/26/2019	15:55:49	0.019

Test 001

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/23/2019
Instrument S/N	8530151809	Start Time	08:11:58
		Stop Date	01/23/2019
		Stop Time	14:56:58
		Total Time	0:06:45:00
		Logging Interval	900 seconds

Statistics	
	AEROSOL
Avg	0.023 mg/m^3
Max	0.040 mg/m^3
Max Date	01/23/2019
Max Time	08:26:58
Min	0.014 mg/m^3
Min Date	01/23/2019
Min Time	14:26:58
TWA (8 hr)	0.019
TWA Start Date	01/23/2019
TWA Start Time	08:11:58
TWA End Time	14:56:58

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	01/23/2019	08:26:58	0.040
2	01/23/2019	08:41:58	0.030
3	01/23/2019	08:56:58	0.028
4	01/23/2019	09:11:58	0.025
5	01/23/2019	09:26:58	0.026
6	01/23/2019	09:41:58	0.032
7	01/23/2019	09:56:58	0.028
8	01/23/2019	10:11:58	0.022
9	01/23/2019	10:26:58	0.023
10	01/23/2019	10:41:58	0.023
11	01/23/2019	10:56:58	0.023
12	01/23/2019	11:11:58	0.023
13	01/23/2019	11:26:58	0.026
14	01/23/2019	11:41:58	0.027
15	01/23/2019	11:56:58	0.026
16	01/23/2019	12:11:58	0.024
17	01/23/2019	12:26:58	0.024
18	01/23/2019	12:41:58	0.022
19	01/23/2019	12:56:58	0.018
20	01/23/2019	13:11:58	0.017
21	01/23/2019	13:26:58	0.016

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	01/23/2019	13:41:58	0.015
23	01/23/2019	13:56:58	0.015
24	01/23/2019	14:11:58	0.015
25	01/23/2019	14:26:58	0.014
26	01/23/2019	14:41:58	0.015
27	01/23/2019	14:56:58	0.015

Test 003

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/24/2019
Instrument S/N	8530142512	Start Time	08:26:19
		Stop Date	01/24/2019
		Stop Time	15:11:19
		Total Time	0:06:45:00
		Logging Interval	900 seconds

Statistics	
	AEROSOL
Avg	0.035 mg/m^3
Max	0.073 mg/m^3
Max Date	01/24/2019
Max Time	14:11:19
Min	0.022 mg/m^3
Min Date	01/24/2019
Min Time	15:11:19
TWA (8 hr)	0.029
TWA Start Date	01/24/2019
TWA Start Time	08:26:19
TWA End Time	15:11:19

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	01/24/2019	08:41:19	0.039
2	01/24/2019	08:56:19	0.039
3	01/24/2019	09:11:19	0.038
4	01/24/2019	09:26:19	0.037
5	01/24/2019	09:41:19	0.039
6	01/24/2019	09:56:19	0.037
7	01/24/2019	10:11:19	0.032
8	01/24/2019	10:26:19	0.032
9	01/24/2019	10:41:19	0.036
10	01/24/2019	10:56:19	0.036
11	01/24/2019	11:11:19	0.034
12	01/24/2019	11:26:19	0.034
13	01/24/2019	11:41:19	0.033
14	01/24/2019	11:56:19	0.032
15	01/24/2019	12:11:19	0.031
16	01/24/2019	12:26:19	0.033
17	01/24/2019	12:41:19	0.036
18	01/24/2019	12:56:19	0.036
19	01/24/2019	13:11:19	0.033
20	01/24/2019	13:26:19	0.033
21	01/24/2019	13:41:19	0.032

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	01/24/2019	13:56:19	0.029
23	01/24/2019	14:11:19	0.073
24	01/24/2019	14:26:19	0.037
25	01/24/2019	14:41:19	0.023
26	01/24/2019	14:56:19	0.025
27	01/24/2019	15:11:19	0.022

Test 004

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/25/2019
Instrument S/N	8530142512	Start Time	09:22:57
		Stop Date	01/25/2019
		Stop Time	11:07:57
		Total Time	0:01:45:00
		Logging Interval	900 seconds

Statistics	
	AEROSOL
Avg	0.030 mg/m^3
Max	0.033 mg/m^3
Max Date	01/25/2019
Max Time	09:37:57
Min	0.026 mg/m^3
Min Date	01/25/2019
Min Time	11:07:57
TWA (8 hr)	0.006
TWA Start Date	01/25/2019
TWA Start Time	09:22:57
TWA End Time	11:07:57

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	01/25/2019	09:37:57	0.033
2	01/25/2019	09:52:57	0.032
3	01/25/2019	10:07:57	0.030
4	01/25/2019	10:22:57	0.030
5	01/25/2019	10:37:57	0.029
6	01/25/2019	10:52:57	0.027
7	01/25/2019	11:07:57	0.026

Test 005

Instrument	
Model	DustTrak II
Instrument S/N	8530142512

Data Properties	
Start Date	01/28/2019
Start Time	08:30:50
Stop Date	01/28/2019
Stop Time	14:00:50
Total Time	0:05:30:00
Logging Interval	900 seconds

Statistics	
	AEROSOL
Avg	0.029 mg/m^3
Max	0.077 mg/m^3
Max Date	01/28/2019
Max Time	08:45:50
Min	0.022 mg/m^3
Min Date	01/28/2019
Min Time	09:15:50
TWA (8 hr)	0.020
TWA Start Date	01/28/2019
TWA Start Time	08:30:50
TWA End Time	14:00:50

Test Data

Data Point	Date	Time	AEROSOL mg/m^3
1	01/28/2019	08:45:50	0.077
2	01/28/2019	09:00:50	0.027
3	01/28/2019	09:15:50	0.022
4	01/28/2019	09:30:50	0.022
5	01/28/2019	09:45:50	0.023
6	01/28/2019	10:00:50	0.025
7	01/28/2019	10:15:50	0.025
8	01/28/2019	10:30:50	0.025
9	01/28/2019	10:45:50	0.024
10	01/28/2019	11:00:50	0.025
11	01/28/2019	11:15:50	0.026
12	01/28/2019	11:30:50	0.029
13	01/28/2019	11:45:50	0.029
14	01/28/2019	12:00:50	0.031
15	01/28/2019	12:15:50	0.032
16	01/28/2019	12:30:50	0.033
17	01/28/2019	12:45:50	0.034
18	01/28/2019	13:00:50	0.030
19	01/28/2019	13:15:50	0.025
20	01/28/2019	13:30:50	0.024
21	01/28/2019	13:45:50	0.023
22	01/28/2019	14:00:50	0.023

Test 005

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/26/2019
Instrument S/N	8530151809	Start Time	08:43:59
		Stop Date	02/26/2019
		Stop Time	15:58:59
		Total Time	0:07:15:00
		Logging Interval	900 seconds

Statistics	
	AEROSOL
Avg	0.047 mg/m^3
Max	0.382 mg/m^3
Max Date	02/26/2019
Max Time	08:58:59
Min	0.018 mg/m^3
Min Date	02/26/2019
Min Time	12:28:59
TWA (8 hr)	0.043
TWA Start Date	02/26/2019
TWA Start Time	08:43:59
TWA End Time	15:58:59

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	02/26/2019	08:58:59	0.382
2	02/26/2019	09:13:59	0.167
3	02/26/2019	09:28:59	0.063
4	02/26/2019	09:43:59	0.051
5	02/26/2019	09:58:59	0.065
6	02/26/2019	10:13:59	0.073
7	02/26/2019	10:28:59	0.078
8	02/26/2019	10:43:59	0.019
9	02/26/2019	10:58:59	0.019
10	02/26/2019	11:13:59	0.021
11	02/26/2019	11:28:59	0.042
12	02/26/2019	11:43:59	0.028
13	02/26/2019	11:58:59	0.028
14	02/26/2019	12:13:59	0.019
15	02/26/2019	12:28:59	0.018
16	02/26/2019	12:43:59	0.020
17	02/26/2019	12:58:59	0.018
18	02/26/2019	13:13:59	0.019
19	02/26/2019	13:28:59	0.023
20	02/26/2019	13:43:59	0.021
21	02/26/2019	13:58:59	0.023

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	02/26/2019	14:13:59	0.021
23	02/26/2019	14:28:59	0.020
24	02/26/2019	14:43:59	0.021
25	02/26/2019	14:58:59	0.030
26	02/26/2019	15:13:59	0.021
27	02/26/2019	15:28:59	0.022
28	02/26/2019	15:43:59	0.020
29	02/26/2019	15:58:59	0.021

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530132129
Firmware Version	3.7
Calibration Date	9/21/2017
Test Name	MANUAL_001
Test Start Time	8:46:42 AM
Test Start Date	10/8/2019
Test Length [D:H:M]	0:02:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.013
Mass Minimum [mg/m3]	0.008
Mass Maximum [mg/m3]	0.023
Mass TWA [mg/m3]	0.003
Photometric User Cal	0.84
Flow User Cal	0
Errors	
Number of Samples	8

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.012		
1800	0.011		
2700	0.013		
3600	0.023		
4500	0.011		
5400	0.014		
6300	0.013		
7200	0.008		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530181802
Firmware Version	3.7
Calibration Date	5/1/2018
Test Name	MANUAL_001
Test Start Time	8:50:27 AM
Test Start Date	10/8/2019
Test Length [D:H:M]	0:01:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.019
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.034
Mass TWA [mg/m3]	0.004
Photometric User Cal	0.86
Flow User Cal	0
Errors	
Number of Samples	7

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.034		
1800	0.021		
2700	0.016		
3600	0.013		
4500	0.013		
5400	0.019		
6300	0.014		

Test 027

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/22/2021
Instrument S/N	8530153013	Start Time	09:55:57
		Stop Date	11/22/2021
		Stop Time	17:40:57
		Total Time	0:07:45:00
		Logging Interval	900 seconds

Statistics	
	AEROSOL
Avg	0.012 mg/m^3
Max	0.021 mg/m^3
Max Date	11/22/2021
Max Time	16:25:57
Min	0.010 mg/m^3
Min Date	11/22/2021
Min Time	11:25:57
TWA (8 hr)	0.011
TWA Start Date	11/22/2021
TWA Start Time	09:55:57
TWA End Time	17:40:57

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	11/22/2021	10:10:57	0.011
2	11/22/2021	10:25:57	0.011
3	11/22/2021	10:40:57	0.011
4	11/22/2021	10:55:57	0.011
5	11/22/2021	11:10:57	0.011
6	11/22/2021	11:25:57	0.010
7	11/22/2021	11:40:57	0.011
8	11/22/2021	11:55:57	0.010
9	11/22/2021	12:10:57	0.010
10	11/22/2021	12:25:57	0.010
11	11/22/2021	12:40:57	0.010
12	11/22/2021	12:55:57	0.010
13	11/22/2021	13:10:57	0.011
14	11/22/2021	13:25:57	0.011
15	11/22/2021	13:40:57	0.011
16	11/22/2021	13:55:57	0.011
17	11/22/2021	14:10:57	0.011
18	11/22/2021	14:25:57	0.011
19	11/22/2021	14:40:57	0.011
20	11/22/2021	14:55:57	0.011
21	11/22/2021	15:10:57	0.011

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	11/22/2021	15:25:57	0.011
23	11/22/2021	15:40:57	0.012
24	11/22/2021	15:55:57	0.012
25	11/22/2021	16:10:57	0.014
26	11/22/2021	16:25:57	0.021
27	11/22/2021	16:40:57	0.015
28	11/22/2021	16:55:57	0.013
29	11/22/2021	17:10:57	0.012
30	11/22/2021	17:25:57	0.012
31	11/22/2021	17:40:57	0.012

Test 027

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/22/2021
Instrument S/N	8530133103	Start Time	09:53:17
		Stop Date	11/22/2021
		Stop Time	17:38:17
		Total Time	0:07:45:00
		Logging Interval	900 seconds

Statistics	
	AEROSOL
Avg	-0.003 mg/m^3
Max	-0.001 mg/m^3
Max Date	11/22/2021
Max Time	12:23:17
Min	-0.004 mg/m^3
Min Date	11/22/2021
Min Time	10:53:17
TWA (8 hr)	-0.003
TWA Start Date	11/22/2021
TWA Start Time	09:53:17
TWA End Time	17:38:17

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	11/22/2021	10:08:17	-0.002
2	11/22/2021	10:23:17	-0.003
3	11/22/2021	10:38:17	-0.003
4	11/22/2021	10:53:17	-0.004
5	11/22/2021	11:08:17	-0.003
6	11/22/2021	11:23:17	-0.003
7	11/22/2021	11:38:17	-0.003
8	11/22/2021	11:53:17	-0.003
9	11/22/2021	12:08:17	-0.002
10	11/22/2021	12:23:17	-0.001
11	11/22/2021	12:38:17	-0.002
12	11/22/2021	12:53:17	-0.002
13	11/22/2021	13:08:17	-0.002
14	11/22/2021	13:23:17	-0.002
15	11/22/2021	13:38:17	-0.002
16	11/22/2021	13:53:17	-0.002
17	11/22/2021	14:08:17	-0.002
18	11/22/2021	14:23:17	-0.002
19	11/22/2021	14:38:17	-0.003
20	11/22/2021	14:53:17	-0.003
21	11/22/2021	15:08:17	-0.004

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	11/22/2021	15:23:17	-0.004
23	11/22/2021	15:38:17	-0.004
24	11/22/2021	15:53:17	-0.003
25	11/22/2021	16:08:17	-0.003
26	11/22/2021	16:23:17	-0.003
27	11/22/2021	16:38:17	-0.003
28	11/22/2021	16:53:17	-0.003
29	11/22/2021	17:08:17	-0.003
30	11/22/2021	17:23:17	-0.003
31	11/22/2021	17:38:17	-0.003

Test 028

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/23/2021
Instrument S/N	8530153013	Start Time	09:17:12
		Stop Date	11/23/2021
		Stop Time	15:02:12
		Total Time	0:05:45:00
		Logging Interval	900 seconds

Statistics	
	AEROSOL
Avg	0.013 mg/m^3
Max	0.023 mg/m^3
Max Date	11/23/2021
Max Time	09:32:12
Min	0.010 mg/m^3
Min Date	11/23/2021
Min Time	13:47:12
TWA (8 hr)	0.009
TWA Start Date	11/23/2021
TWA Start Time	09:17:12
TWA End Time	15:02:12

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	11/23/2021	09:32:12	0.023
2	11/23/2021	09:47:12	0.020
3	11/23/2021	10:02:12	0.015
4	11/23/2021	10:17:12	0.015
5	11/23/2021	10:32:12	0.016
6	11/23/2021	10:47:12	0.014
7	11/23/2021	11:02:12	0.013
8	11/23/2021	11:17:12	0.011
9	11/23/2021	11:32:12	0.012
10	11/23/2021	11:47:12	0.013
11	11/23/2021	12:02:12	0.013
12	11/23/2021	12:17:12	0.012
13	11/23/2021	12:32:12	0.012
14	11/23/2021	12:47:12	0.012
15	11/23/2021	13:02:12	0.011
16	11/23/2021	13:17:12	0.011
17	11/23/2021	13:32:12	0.011
18	11/23/2021	13:47:12	0.010
19	11/23/2021	14:02:12	0.010
20	11/23/2021	14:17:12	0.011
21	11/23/2021	14:32:12	0.011
22	11/23/2021	14:47:12	0.013
23	11/23/2021	15:02:12	0.012

Test 028

Instrument	
Model	DustTrak II
Instrument S/N	8530133103

Data Properties	
Start Date	11/23/2021
Start Time	09:13:07
Stop Date	11/23/2021
Stop Time	14:43:07
Total Time	0:05:30:00
Logging Interval	900 seconds

Statistics	
	AEROSOL
Avg	0.005 mg/m^3
Max	0.010 mg/m^3
Max Date	11/23/2021
Max Time	10:13:07
Min	0.000 mg/m^3
Min Date	11/23/2021
Min Time	14:13:07
TWA (8 hr)	0.003
TWA Start Date	11/23/2021
TWA Start Time	09:13:07
TWA End Time	14:43:07

Test Data

Data Point	Date	Time	AEROSOL mg/m^3
1	11/23/2021	09:28:07	0.008
2	11/23/2021	09:43:07	0.008
3	11/23/2021	09:58:07	0.008
4	11/23/2021	10:13:07	0.010
5	11/23/2021	10:28:07	0.007
6	11/23/2021	10:43:07	0.004
7	11/23/2021	10:58:07	0.004
8	11/23/2021	11:13:07	0.003
9	11/23/2021	11:28:07	0.003
10	11/23/2021	11:43:07	0.008
11	11/23/2021	11:58:07	0.005
12	11/23/2021	12:13:07	0.004
13	11/23/2021	12:28:07	0.005
14	11/23/2021	12:43:07	0.004
15	11/23/2021	12:58:07	0.004
16	11/23/2021	13:13:07	0.003
17	11/23/2021	13:28:07	0.001
18	11/23/2021	13:43:07	0.001
19	11/23/2021	13:58:07	0.001
20	11/23/2021	14:13:07	0.000
21	11/23/2021	14:28:07	0.010
22	11/23/2021	14:43:07	0.007

Test 029

Instrument	
Model	DustTrak II
Instrument S/N	8530153013

Data Properties	
Start Date	11/24/2021
Start Time	09:15:32
Stop Date	11/24/2021
Stop Time	14:45:32
Total Time	0:05:30:00
Logging Interval	900 seconds

Statistics	
	AEROSOL
Avg	0.016 mg/m^3
Max	0.021 mg/m^3
Max Date	11/24/2021
Max Time	10:45:32
Min	0.011 mg/m^3
Min Date	11/24/2021
Min Time	14:15:32
TWA (8 hr)	0.011
TWA Start Date	11/24/2021
TWA Start Time	09:15:32
TWA End Time	14:45:32

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	11/24/2021	09:30:32	0.020
2	11/24/2021	09:45:32	0.020
3	11/24/2021	10:00:32	0.020
4	11/24/2021	10:15:32	0.020
5	11/24/2021	10:30:32	0.020
6	11/24/2021	10:45:32	0.021
7	11/24/2021	11:00:32	0.020
8	11/24/2021	11:15:32	0.019
9	11/24/2021	11:30:32	0.019
10	11/24/2021	11:45:32	0.018
11	11/24/2021	12:00:32	0.017
12	11/24/2021	12:15:32	0.016
13	11/24/2021	12:30:32	0.015
14	11/24/2021	12:45:32	0.015
15	11/24/2021	13:00:32	0.014
16	11/24/2021	13:15:32	0.013
17	11/24/2021	13:30:32	0.013
18	11/24/2021	13:45:32	0.013
19	11/24/2021	14:00:32	0.012
20	11/24/2021	14:15:32	0.011
21	11/24/2021	14:30:32	0.013
22	11/24/2021	14:45:32	0.011

Test 029

Instrument	
Model	DustTrak II
Instrument S/N	8530133103

Data Properties	
Start Date	11/24/2021
Start Time	09:12:37
Stop Date	11/24/2021
Stop Time	14:42:37
Total Time	0:05:30:00
Logging Interval	900 seconds

Statistics	
	AEROSOL
Avg	0.007 mg/m^3
Max	0.010 mg/m^3
Max Date	11/24/2021
Max Time	09:27:37
Min	0.005 mg/m^3
Min Date	11/24/2021
Min Time	10:27:37
TWA (8 hr)	0.005
TWA Start Date	11/24/2021
TWA Start Time	09:12:37
TWA End Time	14:42:37

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	11/24/2021	09:27:37	0.010
2	11/24/2021	09:42:37	0.009
3	11/24/2021	09:57:37	0.008
4	11/24/2021	10:12:37	0.006
5	11/24/2021	10:27:37	0.005
6	11/24/2021	10:42:37	0.006
7	11/24/2021	10:57:37	0.006
8	11/24/2021	11:12:37	0.006
9	11/24/2021	11:27:37	0.006
10	11/24/2021	11:42:37	0.007
11	11/24/2021	11:57:37	0.008
12	11/24/2021	12:12:37	0.007
13	11/24/2021	12:27:37	0.007
14	11/24/2021	12:42:37	0.007
15	11/24/2021	12:57:37	0.008
16	11/24/2021	13:12:37	0.009
17	11/24/2021	13:27:37	0.008
18	11/24/2021	13:42:37	0.008
19	11/24/2021	13:57:37	0.008
20	11/24/2021	14:12:37	0.008
21	11/24/2021	14:27:37	0.009
22	11/24/2021	14:42:37	0.007

Appendix E – Daily/Monthly Reports

LaBella
Powered by partnership.

300 Pearl Street
Buffalo, New York 14202
Phone: (716) 551-6281
Fax: (716) 551-6282

FIELD INSPECTION REPORT NO: 1

Date: 5/29/19
(Project No.)

Re: 11075 Walden Avenue
Alden, New York

Time: 800 hrs.
Weather: Raining
Temperature: 55 °F
Wind: NNE at 7 mph
Humidity: 89 %

Contractor, Equipment & Personnel:

Time: 1630 hrs.
Weather: Sunny
Temperature: 60 °F
Wind: NW at 6 mph
Humidity: 86 %

Contractor A is: LaBella
Contractor B is:
Contractor C is:
Contractor D is:
Contractor E is:
Contractor F is:

Equipment on-site	A	B	C	D	E	F
Excavator	x					
Skid Steer	x					

Personnel	A	B	C	D	E	F
S. Dalton	x					
K Mikel	x					
A Rose						

Visitors:	Representing	Time
Phil	Doritex	830

Complaints/Problems:

- electric line through excavation. Phil shut off power to line + middle portion of building. Phil spoke to Jim Doro & gave permission to remove line

- water stopped working - Phil came & fixed issue

LaBella
Powered by partnership.

FIELD INSPECTION REPORT NO. _____

Date

5/29/19

(Project No).

Re:

Item No.	Item	Locations	Percent Complete		Pay Req. No.
Dust Trak	038734 023577	upwind downwind			

Comments:

LaBella + LLC on Site @ 750. Checked boiler tanks in vault. Boilers appear to be filled with water + debris. North tank smell of rusty, moldy smell. Stacked tanks -south 52 inches of "product" -north 82 inches of product Tank size 94 inches. Phil on Site to discuss electric line - turned off line & gave permission to destroy line. water stopped working - Phil came and resolved the issue. Sawed concrete floor. Broke up concrete on west portion of excavation. Moved concrete on west portion of site to south end of site.

The work described above was incorporated into this project and was observed by:

See Attached information Yes ☐ No ☐

Shannon Dalton

(Name of rep)

Site Representative

LaBella
Powered by partnership.

300 Pearl Street
Buffalo, New York 14202
Phone: (716) 551-6281
Fax: (716) 551-6282

FIELD INSPECTION REPORT NO: 2

Date: 5/30/19
(Project No.)

Re: 11075 Walden Avenue
Alden, New York

Time: 800 hrs.
Weather: Cloudy
Temperature: 60 °F
Wind: SW at 5 mph
Humidity: 87 %

Contractor, Equipment & Personnel:

Time: hrs.
Weather:
Temperature: °F
Wind: at mph
Humidity: %

Contractor A is: LaBella
Contractor B is:
Contractor C is:
Contractor D is:
Contractor E is:
Contractor F is:

Equipment on-site	A	B	C	D	E	F
Excavator	x					
Skid Steer	x					

Personnel	A	B	C	D	E	F
S. Dalton	x					
K. Mikel	x					
A. Rose	x					

Visitors: Representing Time

Complaints/Problems:

LaBella
Powered by partnership.

FIELD INSPECTION REPORT NO. _____

Date

5/30/19

(Project No).

Re:

Item No.	Item	Locations	Percent Complete		Pay Req. No.
Dust Trak	038734	upwind			
	023577	downwind			

Comments:

S. Dalton + LLC on Site @ 800 Continued to break up + move concrete on west portion of excavation. Started to move soil on west portion of excavation. Encountered some "haz" soil (PID readings 60.5 - 110ppm) proximate old dry cleaner location (to the west).

Off Site @ 1700

The work described above was incorporated into this project and was observed by:

See Attached information Yes ☐ No ☐

Shannon Dalton

(Name of rep)

Site Representative

T:\STANDARDFORMS\FIELD INSPECTION REPORT.DOC

LaBella
Powered by partnership.

300 Pearl Street
Buffalo, New York 14202
Phone: (716) 551-6281
Fax: (716) 551-6282

FIELD INSPECTION REPORT NO: 3

Date: 5/31/19
(Project No.)

Re: 11075 Walden Avenue
Alden, New York

Time: 800 hrs.
Weather: Sunny
Temperature: 56 °F
Wind: WSW at 6 mph
Humidity: 74 %

Time: _____ hrs.
Weather: _____
Temperature: _____ °F
Wind: _____ at _____ mph
Humidity: _____ %

Contractor, Equipment & Personnel:

Contractor A is: LaBella
Contractor B is:
Contractor C is:
Contractor D is:
Contractor E is:
Contractor F is:

Equipment on-site	A	B	C	D	E	F
Excavator	X					
Skid steer	X					

Personnel	A	B	C	D	E	F
S. Dalton	X					
K. Mikel	X					
A. Rose	X					

Visitors:	Representing	Time
Phil	Doritex	830

Complaints/Problems:

LaBella
Powered by partnership.

FIELD INSPECTION REPORT NO. _____

Date 5/31/19

Re: 218C1005 ***(Project No).***

Item No.	Item	Locations	Percent Complete		Pay Req. No.
Dust Trak	038734	upwind			
	023577	down wind			

Comments:

S. Dalton + LLC on Site @ 800. Continued to break up concrete in next section of excavation. S. Dalton off Site @ 1100

The work described above was incorporated into this project and was observed by:

Shannon Dalton
(Name of rep)
Site Representative

See Attached information Yes ☐ No ☐

LaBella
Powered by partnership.

300 Pearl Street
Buffalo, New York 14202
Phone: (716) 551-6281
Fax: (716) 551-6282

FIELD INSPECTION REPORT NO: 4

Date: 6-3-19
(Project No.)

Re: 11075 Walden Avenue
Alden, New York

Time: 800 hrs.
Weather: Cloudy
Temperature: 46 °F
Wind: W at 13 mph
Humidity: 72 %

Time: _____ hrs.
Weather: _____
Temperature: _____ °F
Wind: _____ at _____ mph
Humidity: _____ %

Contractor, Equipment & Personnel:

Contractor A is: LaBella
Contractor B is:
Contractor C is:
Contractor D is:
Contractor E is:
Contractor F is:

Equipment on-site	A	B	C	D	E	F
Excavator	X					
Skid Steer	X					

Personnel	A	B	C	D	E	F
S. Dalton	X					
K Miller	X					
A Rose	X					

Visitors:	Representing	Time
Jim Doro	Doritex	945

Complaints/Problems:
- water infiltrated excavation over the weekend

LaBella
Powered by partnership.

FIELD INSPECTION REPORT NO. 4

Date 6-3-19

Re: ***(Project No).***

Item No.	Item	Locations	Percent Complete		Pay Req. No.
DUST TRAK	038734	upwind			
	023577	downwind			

Comments:

LaBella on site @ 800. Broke up concrete of next section. LaBella off site @ 1410

The work described above was incorporated into this project and was observed by:

See Attached information Yes ☐ No ☐

(Name of rep)
Site Representative

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LaBella
Powered by partnership.

300 Pearl Street
Buffalo, New York 14202
Phone: (716) 551-6281
Fax: (716) 551-6282

FIELD INSPECTION REPORT NO: 5

Date: 6-4-19

2180605 ***(Project No.)***

Re: 11075 Walden Avenue
Alden, New York

Time: 800 hrs.
Weather: Sunny
Temperature: 54 °F
Wind: SW at 10 mph
Humidity: 51 %

Time: _____ hrs.
Weather: _____
Temperature: _____ °F
Wind: _____ at _____ mph
Humidity: _____ %

Contractor, Equipment & Personnel:

Contractor A is: LaBella
Contractor B is:
Contractor C is:
Contractor D is:
Contractor E is:
Contractor F is:

Equipment on-site	A	B	C	D	E	F
Excavator	x					
Skid Steer	x					

Personnel	A	B	C	D	E	F
S. Dalton	x					
K. Mikol	x					
A. Rose	x					

Visitors: Representing Time

Complaints/Problems:

LaBella
Powered by partnership.

FIELD INSPECTION REPORT NO. _____

Date _____

Re: _____ ***(Project No).***

Item No.	Item	Locations	Percent Complete		Pay Req. No.
DUST TRAIL	023934 023577	upwind downwind			

Comments:

On site @ 900a started to dig next section

LaBella off site @ 1600a

The work described above was incorporated into this project and was observed by:

See Attached information Yes ☐ No ☐

Shannon Dalton

(Name of rep)

Site Representative

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LaBella
Powered by partnership.

300 Pearl Street
Buffalo, New York 14202
Phone: (716) 551-6281
Fax: (716) 551-6282

FIELD INSPECTION REPORT NO: 6

Date: 6/15/17

218060 ***(Project No.)***

Re: 11075 Walden Avenue
Alden, New York

Time: 800 hrs.
Weather: sunny
Temperature: 60 °F
Wind: SW at 6 mph
Humidity: 87 %

Contractor, Equipment & Personnel:

Time: 1500 hrs.
Weather: showers
Temperature: 67 °F
Wind: SW at 10 mph
Humidity: 87 %

Contractor A is: LaBella
Contractor B is:
Contractor C is:
Contractor D is:
Contractor E is:
Contractor F is:

Equipment on-site	A	B	C	D	E	F
Excavator	X					
skid steer	X					

Personnel	A	B	C	D	E	F
S. Dalton	X					
K Mikel	X					
A Rose	X					

Visitors: Representing Time

Complaints/Problems:

LaBella
Powered by partnership.

FIELD INSPECTION REPORT NO. _____

Date 6/5/19

Re: 2180605 *(Project No).*

Item No.	Item	Locations	Percent Complete		Pay Req. No.
~~Dust Trak~~	038734	upwind			
	023577	downwind			

Comments:

on site @ 800. Excavated east portion of excavation. Collected samples

S. Dalton off site @ 1500.

The work described above was incorporated into this project and was observed by:

See Attached information Yes ☐ No ☐

Shannon Dalton
(Name of rep)
Site Representative

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LaBella
Powered by partnership.

300 Pearl Street
Buffalo, New York 14202
Phone: (716) 551-6281
Fax: (716) 551-6282

FIELD INSPECTION REPORT NO: 1

Date: 1/22/19
(Project No.)

Re: 11075 Walden Avenue
Alden, New york

Time: 820 hrs.
Weather:
Temperature: 10 °F
Wind: SE at 6 mph
Humidity: 73 %

Time: hrs.
Weather:
Temperature: °F
Wind: at mph
Humidity: %

Contractor, Equipment & Personnel:

Contractor A is: LaBella
Contractor B is:
Contractor C is:
Contractor D is:
Contractor E is:
Contractor F is:

Equipment on-site	A	B	C	D	E	F
Geoprobe	X					

Personnel	A	B	C	D	E	F
Shannon Dalton	X					
Armon Rose	X					
Dylon Hitchcock	X					

Visitors: Representing Time

Complaints/Problems:
Utility mark out under snow

LaBella
Powered by partnership.

FIELD INSPECTION REPORT NO. _____

Date _____

Re: _____ ***(Project No).***

Item No.	Item	Locations	Percent Complete		Pay Req. No.

Comments:
LaBella on site at 830. LaBella off site @ 1230.

The work described above was incorporated into this project and was observed by:

See Attached information Yes ☐ No ☐

Shannon Dalton
(Name of rep)
Site Representative

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LaBella
Powered by partnership.

300 Pearl Street
Buffalo, New York 14202
Phone: (716) 551-6281
Fax: (716) 551-6282

FIELD INSPECTION REPORT NO: 2

Date: 1/23/19
(Project No.)

Re: 11075 Walden Avenue
Alden, New york

Time: 800 hrs.
Weather:
Temperature: 20 °F
Wind: W at 10 mph
Humidity: 55 %

Time: hrs.
Weather:
Temperature: °F
Wind: at mph
Humidity: %

Contractor, Equipment & Personnel:

Contractor A is: LaBella LLC
Contractor B is:
Contractor C is:
Contractor D is:
Contractor E is:
Contractor F is:

Equipment on-site	A	B	C	D	E	F
6610 GeoProbe	X					

Personnel	A	B	C	D	E	F
S Dalton	X					
[redacted]						
A Rose	X					
D Hitchcock	X					
Matt Pepe	X					

Visitors: Representing Time

Complaints/Problems:
105ft Macrocore - only completed half of borings
- too saturated to install vapor probes

LaBella
Powered by partnership.

FIELD INSPECTION REPORT NO. _____

Date _____

Re: _____ *(Project No).*

Item No.	Item	Locations	Percent Complete		Pay Req. No.

Comments:

LaBella on site @ 900. Advanced 5 soil borings, No vapor points installed due to saturation. LaBella off site @ 3

The work described above was incorporated into this project and was observed by:

See Attached information Yes ☐ No ☐

_____
(Name of rep)
Site Representative

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LaBella
Powered by partnership.

300 Pearl Street
Buffalo, New York 14202
Phone: (716) 551-6281
Fax: (716) 551-6282

FIELD INSPECTION REPORT NO: 3

Date: 1/24/19
(Project No.)

Re: 11075 Walden Avenue
Alden, New york

Time: 800 hrs.
Weather:
Temperature: 17 °F
Wind: W at 24 mph
Humidity: 63 %

Contractor, Equipment & Personnel:

Time: hrs.
Weather:
Temperature: °F
Wind: at mph
Humidity: %

Contractor A is: LaBella
Contractor B is:
Contractor C is:
Contractor D is:
Contractor E is:
Contractor F is:

Equipment on-site	A	B	C	D	E	F
Greenpride	X					

Personnel	A	B	C	D	E	F
S Dalton	X					
A Rose	X					
S Hitchcock	X					

Visitors: Representing Time

Complaints/Problems:

LaBella
Powered by partnership.

FIELD INSPECTION REPORT NO. _____

Date _____

_____
(Project No).

Re:

Item No.	Item	Locations	Percent Complete		Pay Req. No.

Comments:

LaBella on site @ 800. LaBella advanced remaining soil borings. LaBella attempted to install permanent GW monitoring well via direct push however could not reach depth of 15 ft. LaBella to return 1/28/19 with auger to attempt to get to depth. LaBella off site @ 1400. S Dalton off site @ 1530

The work described above was incorporated into this project and was observed by:

See Attached information Yes ☐ No ☐

_____
(Name of rep)
Site Representative

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LaBella
Powered by partnership.

300 Pearl Street
Buffalo, New York 14202
Phone: (716) 551-6281
Fax: (716) 551-6282

FIELD INSPECTION REPORT NO: 4

Date: 11/28/19
(Project No.)

Re: 11075 Walden Avenue
Alden, New york

Time: 900 hrs.
Weather:
Temperature: 9 °F
Wind: E at 9 mph
Humidity: 63 %

Contractor, Equipment & Personnel:

Time: hrs.
Weather:
Temperature: °F
Wind: at mph
Humidity: %

Contractor A is: LaBella
Contractor B is:
Contractor C is:
Contractor D is:
Contractor E is:
Contractor F is:

Equipment on-site	A	B	C	D	E	F
Geoprobe	x					

Personnel	A	B	C	D	E	F
Shannon Dalton	x					
Dylan Hitchcock	x					
Armon Rose	x					

Visitors: Representing: Time:

Complaints/Problems:
- could not reach 15 ft with geoprobe

LaBella
Powered by partnership.

FIELD INSPECTION REPORT NO. _____

Date _____

Re: _____ *(Project No).*

Item No.	Item	Locations	Percent Complete		Pay Req. No.

Comments:

S. Dalton on Site @ 800 LLC on Site @ 940. utilized geoprobe with augers to install permanent GW well on south side of Site to 13ft. Attempted to get another well on east side of Side install however encountered refusal @ 9ft. LaBella off site @ 130

The work described above was incorporated into this project and was observed by:

See Attached information Yes ☐ No ☐

_____
(Name of rep)
Site Representative

LaBella
Powered by partnership.

300 Pearl Street
Buffalo, New York 14202
Phone: (716) 551-6281
Fax: (716) 551-6282

FIELD INSPECTION REPORT NO: _____

Date: 2/26/19
2180005 ***(Project No.)***

Re: 11075 Walden Avenue
Alden, New york

Time: 815 hrs.
Weather: _____
Temperature: 18 °F
Wind: NW at 8 mph
Humidity: 73 %

Time: _____ hrs.
Weather: _____
Temperature: _____ °F
Wind: _____ at _____ mph
Humidity: _____ %

Contractor, Equipment & Personnel:

Contractor A is: LaBella Associates
Contractor B is: Natures Way
Contractor C is:
Contractor D is:
Contractor E is:
Contractor F is:

Equipment on-site	A	B	C	D	E	F
Truck Rig		X				

Personnel	A	B	C	D	E	F
Steve		X				
Tom		X				
Shannon Dalton	X					

Visitors: Representing Time

Complaints/Problems:

LaBella
Powered by partnership.

FIELD INSPECTION REPORT NO. _____

Date 2/26/19

Re: 2180605 *(Project No).*

Item No.	Item	Locations	Percent Complete		Pay Req. No.

Comments:
LaBella + Natures Way on site @ 815. Installed first well @ 935
Second well @ 11:55. Third well @ 1350. Fourth well @ 1440

The work described above was incorporated into this project and was observed by:

See Attached information Yes ☐ No ☐

Shannon Dalton
(Name of rep)
Site Representative

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LaBella
Powered by partnership.

300 Pearl Street
Buffalo, New York 14202
Phone: (716) 551-6281
Fax: (716) 551-6282

FIELD INSPECTION REPORT NO: _____

Date: 2-27-19
21866.05 *(Project No.)*

Re: 11075 Walden Avenue
Alden, New york

Time: 806 hrs.
Weather: Snowing
Temperature: 15 °F
Wind: E at 12 mph
Humidity: _____ %

Time: _____ hrs.
Weather: _____
Temperature: _____ °F
Wind: _____ at _____ mph
Humidity: _____ %

Contractor, Equipment & Personnel:

Contractor A is: Natures Way
Contractor B is: LaBella
Contractor C is:
Contractor D is:
Contractor E is:
Contractor F is:

Equipment on-site	A	B	C	D	E	F

Personnel	A	B	C	D	E	F
Steve	x					
Tom	x					
S. Walton		x				

Visitors: Representing: Time:

Complaints/Problems:

- west side of Site Building very swampy & wet - truck rig will get stuck Natures way wants to come back with different rig
- Site contact states Sprinkler head in building leaking out to west side of Building

LaBella
Powered by partnership.

FIELD INSPECTION REPORT NO. _____

Date

2-27-19

2180605 ***(Project No).***

Re:

Item No.	Item	Locations	Percent Complete		Pay Req. No.

Comments:

S. Dalton + Natures way on site @ 800 Natures way installing permanent wells road box covers

The work described above was incorporated into this project and was observed by:

See Attached information Yes ☐ No ☐

Shannon Dalton

(Name of rep)

Site Representative

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LABELLA Associates, P.C.

300 Pearl Street
Buffalo, New York 14202
Phone: (716) 551-6281
Fax: (716) 551-6282

FIELD INSPECTION REPORT NO: 1

Date: 01/22/2020
(Project No.)

Re:

Time: 0800/0715 hrs.
Weather: Light overcast/Sun
Temperature: 15°F °F
Wind: Slight at ____ mph
Humidity: low %

Contractor, Equipment & Personnel:

Time: 1300 hrs.
Weather: Sun/overcast
Temperature: 25° °F
Wind: Slight at ____ mph
Humidity: low %

Contractor A is: Labella Environmental/H. Geoghegan
Contractor B is: Labella LLC/Matt Tracey
Contractor C is:
Contractor D is:
Contractor E is:
Contractor F is:

Equipment on-site	A	B	C	D	E	F
Payloader						

Personnel	A	B	C	D	E	F
Matt Tracy Heather Geoghegan						

Visitors: Representing Time

No visitors

Complaints/Problems:

NA.

LABELLA Associates, P.C.

FIELD INSPECTION REPORT NO. 1

Date 1/22/2020
(Project No).

Re:

Item No.	Item	Locations	Percent Complete		Pay Req. No.

Comments:

A total of 4 dump trucks of soil were removed from site.

A total of 3 dump trucks of concrete were removed from site.

Area was swept and verified remaining soil was properly covered.

The work described above was incorporated into this project and was observed by:

See Attached information Yes ☐ No ☐

Heather E Geoghegan
(Name of rep)
Site Representative

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LABELLA Associates, P.C.

300 Pearl Street
Buffalo, New York 14202
Phone: (716) 551-6281
Fax: (716) 551-6282

FIELD INSPECTION REPORT NO: 1

Date: 2/3/20 2180605
(Project No.)

Re: ~~Covanta RTIF Field Program~~ Doritex
~~Niagara Falls, New York~~ 11075 Walden Ave
Alden, NY

Time:	0715	hrs.
Weather:	25°F - 40°F Sunny	
Temperature:	25°F - 40°F	°F
Wind:	12mph at	mph
Humidity:	77%	%

Contractor, Equipment & Personnel:

Contractor A is: Heather Giogliegan. LaBella Buffalo
Contractor B is: Tyler Barber LaBella Tech. LLC
Contractor C is:
Contractor D is:
Contractor E is:
Contractor F is:

Time:		hrs.
Weather:		
Temperature:		°F
Wind:	at	mph
Humidity:		%

Equipment on-site	A	B	C	D	E	F
Payloader		x				
2 dusttraks	x					
1 PID	x					
1 Small generator	x					

Personnel	A	B	C	D	E	F

Visitors: Representing Time
No visitors to site.

Complaints/Problems:
Off-site, 1500

LABELLA Associates, P.C.

FIELD INSPECTION REPORT NO. 1

Date 2/3/2020

Re: ***(Project No).*** 2180005

Item No.	Item	Locations	Percent Complete		Pay Req. No.

Comments:

A total of 4 trucks removed Haz soil from site.

Manifest 019443755 = ~35 tons

019443756 = ~35 tons

019443757 = ~4,000 lbs

019443758 = ~37 tons = 33,000 kg

The work described above was incorporated into this project and was observed by:

See Attached information Yes ☐ No ☐

(Name of rep)
Site Representative

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INSPECTOR'S DAILY REPORT

JOB TITLE: 11075 Walden Avenue BCP
DATE: May 4, 2020
LaBella JOB NO.: 2180605
Day of Week: S **M** T W T F S
CLIENT: Walden Realty Limited Partnership
I.R. No.:
CONTRACTOR: Redox Tech LLC (Redox)
Sheet No. 1 **of** 1
Contractor Hours Worked:
VISITORS:
0800 **to** 1700
Inspector Hours Worked:
0800 **to** 1700
PHOTOS TAKEN:
Weather:
cloudy **to** cloudy
Temperature:
45ºF **to** 50ºF

DESCRIPTION OF WORK PERFORMED AND INSPECTED

Specify for each operation: Item No., Sub-Contractor (if any), Location and Nature of Work

LaBella marks out proposed injections per scope of work and discusses with Redox representatives, Keith Precious and Hayes. Redox mobilizes equipment while LaBella collects groundwater samples from MW-12 and MW-15. At MW-12 two well purges were feasible before the well became apparently dry. LaBella collected the sample prior to MW-12 becoming completely dry. At MW-15, three well purges were feasible. Thus, the sample was collected after the third purge. Samples from MW-12 and MW-15 were sent under standard Chain of Custody to Alpha Analytical. Subsequent sample collection, Community Air Monitoring Plan (CAMP) equipment was set up on the northwest and southeast portions of the Site. During monitoring well sample collection, Redox advanced two expendable points within the source area to determine conditions below ground surface (bgs). By the close of work, Redox completed two injection points within the source area with no issues. It should be noted, both injection points were advanced to 30 feet bgs and extracted upwards two feet per interval while simultaneously injecting ABC+.

ITEM NO.	INTERIM QUANT.	FINAL QUANT.	EST. NO.	DESCRIPTION OF WORK

The above described work was incorporated into this project and was inspected by:

Julia Torres Reviewed by:

Inspector's Signature

☐ **REVERSE SIDE USED FOR ADDITIONAL REMARKS AND SKETCHES.**

Additionally, monitoring well depth to water from top of casing measurements were collected as follows:

- MW-10 → 5”
- MW-11 → 5”
- MW-13 → 12”
- MW-14 → 2”

DustTrak Data

Upwind → FA03004
Downwind → FA02342

Wind Direction: Northwest at 12 mph

MANPOWER						EQUIPMENT				
TYPE	**LLC**	LaBella	EPA			**TYPE**	**LLC**			
Foreman										
Operators										
Laborers										

INSPECTOR'S DAILY REPORT

JOB TITLE: 11075 Walden Avenue BCP
DATE: May 5, 2020
LaBella JOB NO.: 2180605
Day of Week: S M **T** W T F S
CLIENT: Walden Realty Limited Partnership
I.R. No.:
CONTRACTOR: Redox Tech LLC (Redox)
Sheet No. 1 **of** 1
Contractor Hours Worked:
VISITORS: Lawn Mowing Company at 1630
0800 **to** 1700
Inspector Hours Worked:
0800 **to** 1700
PHOTOS TAKEN:
Weather:
Sunny **to** Sunny
Temperature:
50 ºF **to** 60 ºF

DESCRIPTION OF WORK PERFORMED AND INSPECTED

Specify for each operation: Item No., Sub-Contractor (if any), Location and Nature of Work

Redox prepares for injections in four injections points within the source area. Injections point will be advanced through the source area in a staggered fashion in order to prevent potential daylighting. Redox completes four injection points in the morning and three injection points in the afternoon. No issues were encountered.

CAMP equipment was placed on the north and south portions of the Site.

ITEM NO.	INTERIM QUANT.	FINAL QUANT.	EST. NO.	DESCRIPTION OF WORK

The above described work was incorporated into this project and was inspected by:

Julia Torres Reviewed by:

Inspector's Signature

☐ **REVERSE SIDE USED FOR ADDITIONAL REMARKS AND SKETCHES.**

DustTrak Data

Upwind → FA03004
Downwind → FA02342

Wind Direction: Northwest at 12 mph

MANPOWER						EQUIPMENT				
TYPE	**LLC**	LaBella	EPA			**TYPE**	**LLC**			
Foreman										
Operators										
Laborers										

INSPECTOR'S DAILY REPORT

JOB TITLE: 11075 Walden Avenue BCP
DATE: May 6, 2020
LaBella JOB NO.: 2180605
Day of Week: S M T **W** T F S
CLIENT: Walden Realty Limited Partnership
I.R. No.:
CONTRACTOR: Redox Tech LLC (Redox)
Sheet No. 1 **of** 1
Contractor Hours Worked:
VISITORS:
0800 **to** 1700
Inspector Hours Worked:
0800 **to** 1700
PHOTOS TAKEN: Daylighting observed downgradient of the source area
Weather:
cloudy **to** clear
Temperature:
50 ºF **to** 60 ºF

DESCRIPTION OF WORK PERFORMED AND INSPECTED

Specify for each operation: Item No., Sub-Contractor (if any), Location and Nature of Work

LaBella set up CAMP equipment on northeast and southwest portions of the Site. Redox preparing for injections by advancing expendable points in the source area and preparing ABC+ mixture. During prep LaBella observed apparent daylighting on the west exterior of the Site Building. Daylighting was brought the the attention of Keith (Redox). Subsequently, Redox purchased silt socks per LaBella's request in order to stop the daylighting mixture to migrate to the west adjacent property.

As additional injections points were established in the source area, daylight was apparently pooling on the west portion of Site proximate the source area. Daylighting did not exceed the west Site boundary.

Redox completed seven injection points within the source area over the course of the work day. No issues were encountered at injection points.

ITEM NO.	INTERIM QUANT.	FINAL QUANT.	EST. NO.	DESCRIPTION OF WORK

The above described work was incorporated into this project and was inspected by:

Julia Torres Reviewed by:

Inspector's Signature

☐ **REVERSE SIDE USED FOR ADDITIONAL REMARKS AND SKETCHES.**

DustTrak Data

Upwind → FA03004
Downwind → FA02342

Wind Direction: Northeast at 8 mph

MANPOWER						EQUIPMENT				
TYPE	**LLC**	LaBella	EPA			**TYPE**	**LLC**			
Foreman										
Operators										
Laborers										

INSPECTOR'S DAILY REPORT

JOB TITLE: 11075 Walden Avenue BCP
DATE: May 7, 2020
LaBella JOB NO.: 2180605
Day of Week: S M T W T F S
CLIENT: Walden Realty Limited Partnership
I.R. No.:
CONTRACTOR: Redox Tech LLC (Redox)
Sheet No. 1 **of** 1
Contractor Hours Worked:
VISITORS:
0700 **to** 1630
Inspector Hours Worked:
0700 **to** 1630
PHOTOS TAKEN:
Weather:
sunny **to** sunny
Temperature:
45 ºF **to** 60 ºF

DESCRIPTION OF WORK PERFORMED AND INSPECTED

Specify for each operation: Item No., Sub-Contractor (if any), Location and Nature of Work

LaBella and Redox on Site 0700 to continue the completion of injections points within the remainder of the source area. Additionally, downgradient injection points will be advanced. Redox completed the final four injection points within the interior source area injections. No issues were encountered at injection points.

After Redox mobilized equipment outside, LaBella obtained interior, source area measurements of injections points. After interior, source area injection points were completed, Redox completed one exterior, source area injection points and four downgradient injection points. It should be noted, Redox reduced the total quantity of gallons injected per interval from 13 gallons to 10 gallons in an effort to reduce daylighting. In doing this, they did not compromise the effectiveness of the ABC+ solution; they removed three gallons of water subsequently making the solution more concentrated. This reduction in water added occurred at all downgradient injection points.

ITEM NO.	INTERIM QUANT.	FINAL QUANT.	EST. NO.	DESCRIPTION OF WORK

The above described work was incorporated into this project and was inspected by:

Julia Torres Reviewed by:

Inspector's Signature

☐ **REVERSE SIDE USED FOR ADDITIONAL REMARKS AND SKETCHES.**

DustTrak Data

Upwind → FA03004
Downwind → FA02342

Wind Direction: WSW

MANPOWER						EQUIPMENT				
TYPE	**LLC**	LaBella	EPA			**TYPE**	**LLC**			
Foreman										
Operators										
Laborers										

INSPECTOR'S DAILY REPORT

JOB TITLE: 11075 Walden Avenue BCP
DATE: May 8, 2020
LaBella JOB NO.: 2180605
Day of Week: S M T W T **F** S
CLIENT: Walden Realty Limited Partnership
I.R. No.:
CONTRACTOR: Redox Tech LLC (Redox)
Sheet No. 1 **of** 1
Contractor Hours Worked:
VISITORS: Mr. Tony Lopes (NYSDEC)
0700 **to** 1930
Inspector Hours Worked:
0700 **to** 1930
PHOTOS TAKEN:
Weather:
Overcast **to** Clear
Temperature:
30 ºF **to** 36 ºF

DESCRIPTION OF WORK PERFORMED AND INSPECTED

Specify for each operation: Item No., Sub-Contractor (if any), Location and Nature of Work

Upon arrival at the Site, LaBella and Redox observed ABC+ has migrated to the west adjacent property. NYSDEC notified of migration and indicated they will stop by the Site to inspect. Dustraks are set up on the Site by LaBella and Redox prepares to continue with injection points in the remainder of the source area and downgradient. Upon NYSDEC arrival, several options were presented to mitigate additional ABC+ migration to the west adjacent property. It should be noted, zero valent iron (a component of ABC+) was not observed in the fluid that was daylighting. Groundwater was measured shallow, therefore some of the ABC+ was mixing with groundwater and readily migrating. The conclusion arrived at was to inject more concentrated ABC+ solution at deep intervals (>10 ft bgs). By the end of the work day, all source area and downgradient injection points were completed.

ITEM NO.	INTERIM QUANT.	FINAL QUANT.	EST. NO.	DESCRIPTION OF WORK

The above described work was incorporated into this project and was inspected by:

Julia Torres Reviewed by:

Inspector's Signature

☐ **REVERSE SIDE USED FOR ADDITIONAL REMARKS AND SKETCHES.**

LaBella
Powered by partnership.

DustTrak Data

Upwind → FA03004
Downwind → FA02342

Wind Direction: Northeast

MANPOWER						EQUIPMENT				
TYPE	**LLC**	LaBella	EPA			**TYPE**	**LLC**			
Foreman										
Operators										
Laborers										

Appendix F – Sub-Slab Depressurization System Construction Completion Report

June 17, 2020

Mr. Adam Zebrowski
Project Manager
LABELLA ASSOCIATES, D.P.C.
300 Pearl Street
Buffalo, NY 14202
Via email: azebrowski@labellapc.com

Re: 11075 Walden Ave., Alden, NY - Former Doritex Plant
BCP C915333
Sub-Slab Depressurization System Construction Completion Report

CONSTRUCTION COMPLETION REPORT

1. OVERVIEW

This document presents a construction report, performance evaluation, O&M advice and certification of effectiveness for the Sub-Slab Depressurization system (SSDS) installed by *Mitigation Tech* at 11075 Walden Ave., Alden, NY as commissioned March 24, 2020.

Following an SSD construction plan (dated October 10, 2019) informed by a preliminary building assessment, a multi-suction point SSD System was installed using principles and equipment typically used for soil vapor intrusion mitigation in buildings. The primary objective of implementing this preemptive measure was to mitigate potential intrusion of vapors that could migrate into occupied space from beneath the slab. This would be achieved by maintaining a negative pressure of 0.004 water column inches (wci) below the slab relative to the air pressure above the slab. All work is in compliance with the NYS DOH document, "Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006".

2. BUILDING ASSESSMENT AND SYSTEM CONSTRUCTION

Sub-slab air communication testing was performed October 3, 2019, 2019. The test procedure included drilling small diameter vacuum holes and large core borings into the concrete slab at likely suction point locations. We applied a known vacuum to potential suction points recorded differential pressure measurements (using a digital manometer) at various neighboring test points to estimate the expected radius of influence for typical suction points. We observed that 3.0 wci of vacuum at the suction points yielded at least -.004 wci pressure differential at radius of 40', each of (4) compass directions.

We performed volumetric airflow analysis to determine the number of suction points supportable by particular blower types. We drilled small diameter test holes at other representative areas of the slab to determine that sub-slab material was consistent. All test holes were repaired with urethane caulk (MSDS available) applied over a closed cell backer rod. The assessment concluded with an analysis of appropriate locations for fan, suction cavities and other SSD system components.

Mitigation tech performed and supervised all aspects of construction. Both for physical protection and minimum impact on active use areas, riser pipes were surface mounted on columns or interior walls; horizontal pipe was installed as close to ceiling and established raceways as possible. Work was coordinated with client and tenants to minimize disturbance of work areas, relocate obstacles and control dust. Special effort was furnished to work around large structural spans and floor reconstruction Vacuum and airflow measurements were performed continuously during construction to ensure integrity of design. Various fans were evaluated in place and in combination to determine the most effective configuration. At commissioning, all components inspected for condition and proper operation. Premises left in clean condition.

Key on site personnel were Aaron Hurysz and Robert Beck, both highly experienced soil vapor intrusion technicians. Weather conditions were favorable. Daily tailgate meetings were held to review the daily work objectives and relevant aspects of the Health & Safety Plan. No accidents or incidents occurred during the construction.

3. SUB-SLAB DEPRESSURIZATION SYSTEM GENERAL DESCRIPTION

3.1. Introduction. The SSDS is maintaining sub-slab vacuum at all subject areas. The system consists of (6) roof or sidewall mounted fans connected by manifold piping to (21) vapor extraction points, groupings shown below. The system was constructed using principles and equipment typically used for radon mitigation in buildings as detailed in the United States Environmental Protection Agency (EPA) EPA 402-K-03-007 (May 2006), and the final NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006). The SSDS was installed as permanent, integral addition to the structure. The key components of the SSDS are described below and are shown on an as-built diagram labeled "Sub-Slab System Diagram."

3.2. Suction Points. The suction points consists of a 5" core boring into the slab through which 1- 2 cubic feet of sub-slab material has been removed. Mechanically suspended 3" SCH 40 PVC pipe has been inserted into the boring and sealed with urethane sealant.

3.3. Riser Piping. The riser piping consists of 3" SCH 40 PVC pipe that follows a route from the extraction point to a 4" trunk line, then to exterior mounted vacuum fans. Weatherproof flashing or sealant has been applied to all penetrations. Vent pipes were installed at a pitch that ensures that any rainwater or condensation within the pipes drains downward into the ground beneath the slab. Piping is independently supported, and not supported from existing building mechanical systems. Piping is labeled at each level as "Sub-Slab Vent". Piping is connected using manufacturer's approved methods. Positioning at or within structural steel columns generally protects riser piping. Horizontal pipe grid is suspended directly to structure and positioned no lower than existing mechanical improvements.

3.4. Exhaust Fans. Exhaust fans have been field selected for specific performance properties based on the requirements of pressure field extension testing. The specific fan model used for all systems is the FANTECH model Rn4-EC, rated power at 172 watts continuous operation, 500 max CFN, 4.4 max wci. Each fan has an exterior disconnect switch. Fans are powered from several panels with labeled breakers. All fans are mounted with rubber Fernco couplings, for simplified replacement. No air intakes are present within 20' of the exhaust points. These fans have an onboard potentiometer allow reduction of fan performance and operation using less electrical current. Owner may wish to consider future adjustment.

3.5. Instrumentation and Control. There is no centralized instrumentation or control for the SSDS. Fans can be switched either from the adjacent positioned disconnect or at the marked breaker. Each exhaust fan system is equipped with, or scheduled to be equipped with once new floor plan is implemented, an audible low vacuum indicator and a vacuum indicator mounted in a visible location on a riser pipe per the attached schematic. The indicator consists of an oil filled U-tube style manometer. The indicator can be inspected by observing the level of colored fluid. The indicator is designed primarily to give a simple visual check that vacuum is present in the riser pipe, specifically by observation that the fluid levels on each side of the indicator are not even. Indicator is marked at level observed on March 24, 2020.

3.7. Sealing measures. Polyurethane sealants have been applied to control joints, floor cracks and slab penetrations to enhance the barrier between sub-slab and ambient air and improve the efficiency of the SSD System. Smoke testing has been employed to guide sealing operations. Materials used include Sika Sikaflex 1c-SLself-leveling joint sealant and Sika 1a Sealant.

3.6. Monitoring Points. Monitoring Points are indicated on the system diagram. These consist of ¾" drill points through the slab into which a digital micromanometer probe can be inserted. They are semi-permanently closed with backer and urethane sealant. These were established to aid in original system design and confirmatory testing, and in some cases are difficult to access. The primary future use would be in recertification of system effectiveness.

3.7 System Configuration (see attached schematic for component locations)

- **Office fan system** (1) FANTECH model Rn4EC, roof mount; w/ (5) suction points
- **East Central fan system** (1) FANTECH model Rn4EC, roof mount; w/ (3) suction points
- **West Central fan system** (1) FANTECH model Rn4EC, roof mount; w/ (4) suction points, including (1) suction point in west discrete footer section
- **North Rear Section fan system** (1) FANTECH model Rn4EC, roof mount; w/ (3) suction points
- **Central Rear Section fan system** (1) FANTECH model Rn4EC, roof mount; w/ (3) suction points
- **South Rear Section fan system** (1) FANTECH model Rn4EC, roof mount; w/ (3) suction points
- Suction points as follows: approximately 1-2 cu. ft. excavated material in sub-slab, with urethane seal connection via 3" Schedule 40 PVC pipe to overhead pipe grid; horizontal pipe at highest practicable height, permanently attached directly to structure
- Proportioning valves or plates for suction risers where required
- All exhaust points minimum 20' from any air intakes
- Exterior switch and *Sealtight* and/or MC conduit from fan housings to electrical panel
- (6) U-tube style vacuum indicators, (1) per system, on vertical pipe run
- (6) RADONAWAY Checkpoint 2 audible indicators, (1) per system, scheduled
- (20) vacuum monitoring points, semi-permanently sealed with urethane caulk per included diagram
- Urethane sealant at floor joints, accessible cracks and penetrations in vicinity of suction points
- Horizontal pipe near ceiling, with metal bracketing direct to structure, sloped as required
- At completion, perform backdraft testing, measure pressure differentials and document; label components and provide system description and operational instructions
- Consult with client to develop operation, maintenance and periodic inspection plan
- Two year warranty; labor and installed components

3.8. PERFORMANCE EVALUATION

Measurement date – March 24, 2020- In order to verify system effectiveness and as a performance evaluation, (20) test points were established at various distances from the suction cavities suitable to verify that the sub-slab of the entire subject area was being depressurized at least to the objective. See schematic for point locations. Point locations were selected to represent farthest distance from suction points so that vacuum influence closer to the suction point can be reasonable inferred.

TP #	Value (negative wci)	Location
1	.313	Office NW
2	.009	Office N
3	.019	Office N interior
4	.045	Office NE
5	.318	Office E
6	.110	Office SE
7	.885	Office S
8	.133	Office SSW
9	.010	Office SW
10	.041	Central Section N
11	.141	Central Section Center
12	.145	Central Section S
13	.029	South Section, NW perimeter
14	.040	South Section, NE perimeter
15	.548	South Section, Central NW
16	.485	South Section, Central NE
17	.635	South Section, Central SW
18	.410	South Section, Central SE
19	.030	South Section, SW perimeter
20	.021	South Section, SE perimeter

4. SUB-SLAB DEPRESSURIZATION SYSTEM OPERATION

4.1. The fans should be kept in continuous operation. New York State Soil Vapor Intrusion Guidance (2006) specifies that operation, maintenance and monitoring of the SSD system should be included as part of site management. Until subsurface remediation efforts eventually address VOCs in soil and/or groundwater to acceptable levels (i.e. SSD operation no longer required) operation of the SSD system should continue. At that point, the vapor mitigation system may be shut down and/or removed and O&M requirements would cease.

4.2. Reset. Fans restart automatically in event of power loss.

4.3. In the event of unusual fan noise, audible alarm activation, failure to start, physical damage, or repeated circuit breaker trip, turn fan off and call for service. MITIGATION TECH – 800-637-9228

4.4. Regularly inspect fan gauge to verify that value, indicated by a mark on the wall at the gauge, has not changed significantly from the position of the mark. Gauge is inspected by observing the level of colored fluid.

4.5. Normal system operation requires unchanged structural conditions. Report any changes in structure, HVAC systems, slab conditions, etc., so that the change can be evaluated for impact on the SSD System. For

4.6. Ensure that a periodic inspection is performed

5. SUB-SLAB DEPRESSURIZATION SYSTEM PERFORMANCE MONITORING

5.1. Monthly Monitoring

5.1.1. Inspect fan vacuum indicator to verify that value, indicated by a mark on the wall at the gauge, has not changed significantly from the position of the mark. Gauge is inspected by observing the level of colored fluid.

5.1.2. Record the observed measurement for each fan vacuum indicator on form labeled "SSD System Vacuum Gauge Record". Store all forms in the facility maintenance office.

5.1.3. Inspect visible components of SSD system for degraded condition.

5.1.4. For reporting, call MITIGATION TECH at 800-637-9228

5.2. Annual Inspection

5.2.1. Conduct a visual inspection of the complete System (e.g., vent fans, piping, warning devices, labeling)

5.2.2. Inspect all components for condition and proper operation;

5.2.3. Identify and repair any leaks in accordance with Sections 4.3.1(a) and 4.3.4(a) of the NYS DOH VI Guidance (i.e.; with the systems running, use smoke sticks to check for leaks through concrete cracks, floor joints and at the suction points; any leaks will be resealed until smoke is no longer observed flowing through the opening).

5.2.4. Inspect the exhaust or discharge point of each exhaust fan to verify that no air intakes have been located within 10 feet

5.2.5 Interview appropriate building occupants seeking comments and observations regarding the operation of the System

5.2.6 Check to see that the circuit breakers controlling the circuits on which the soil vapor vent fans operate are labeled "Soil Vapor System"

5.3. Annual Certification of Effectiveness

5.3.1. Upon completion of the tasks outlined in section 5.2 above, the installing contractors should submit a Certification of Effectiveness document, stating that the SSD system continues to perform to the purpose for which it was designed.

6. SUB-SLAB DEPRESSURIZATION SYSTEM MAINTENANCE

6.1. Routine Maintenance

6.1.1. Perform procedures as specified in sections 5.2 and 5.3

6.1.2. There are no routine component replacement procedures; Replace components upon findings of damage or failure.

6.2. Non-Routine Maintenance

6.2.1. Non-routine maintenance may also be appropriate during the operation of the mitigation system. Examples of such situations include the following:

6.2.2. It is determined through inspection or notification by others that the vacuum gauge indicates the mitigation system is not operating properly

6.2.3. the mitigation system becomes damaged

6.2.4. the building has undergone renovations that may reduce the effectiveness of the mitigation system.

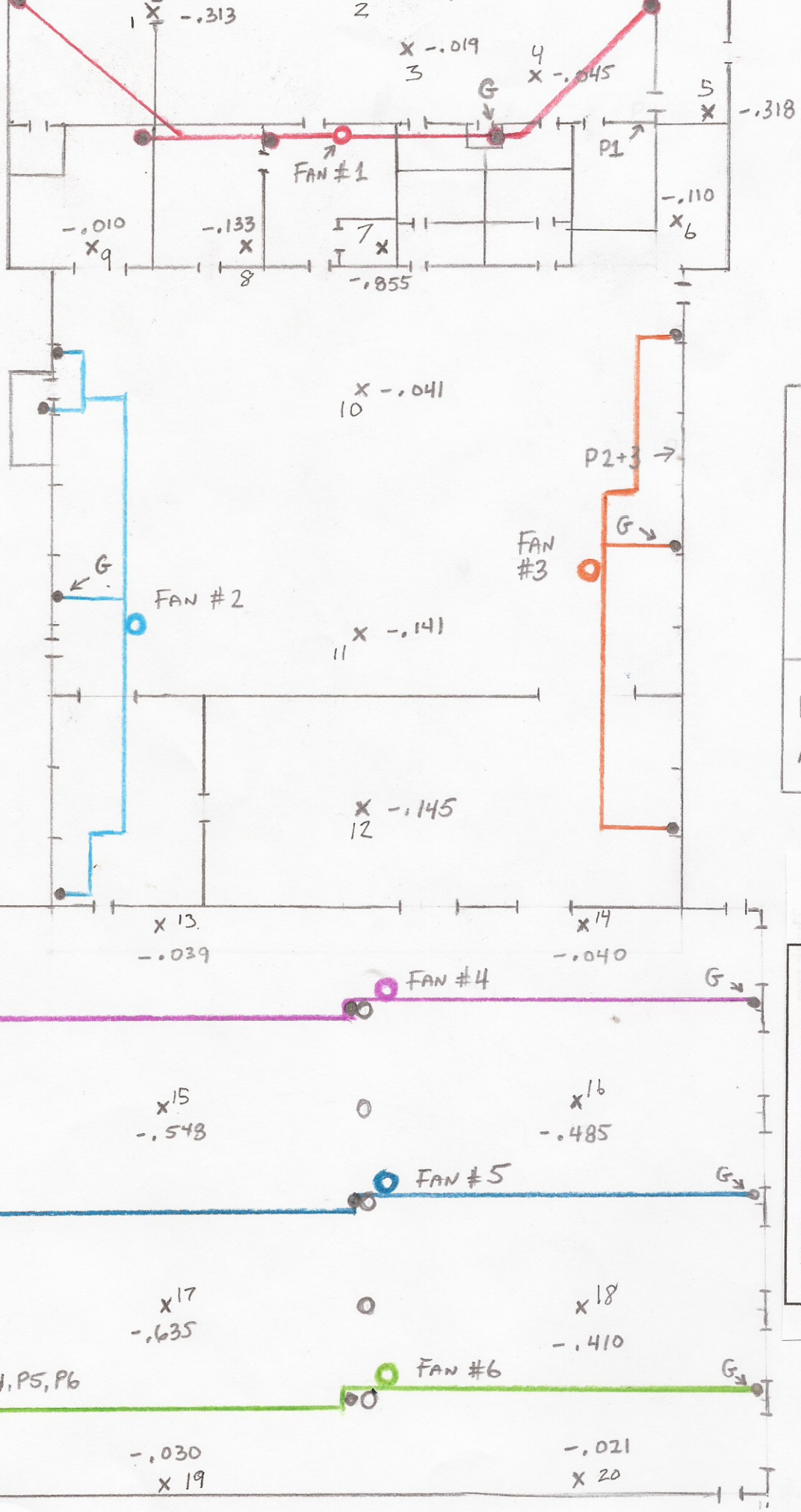
Certification

I hereby certify that the SSD Systems at this location are installed properly and are effective in achieving the above stated objective.

End of Report

Thank you

Nicholas E. Mouganis EPA listing # 15415-I; NEHA ID# 100722



O - FAN LOCATION

● - SUCTION POINT

X - TEST LOCATION

P - FAN POWER LOC.

G - GAUGE LOCATION

11075 WALDEN AVE,
ALDEN N.Y. 14004

SUB-SLAB DEPRESSURIZATION SYSTEM DIAGRAM

Installed by:
Mitigation Tech
55 Shumway Rd.,
Brockport, NY 14420

Date of Completion:
March 24, 2020

Rn 4EC-4 Inline Radon Fan

Item Number: 99923
Variant: 120V 1~ 60Hz

- Use for **High Suction, High Airflow** applications
- Equipped with EC Motor
- Speed Control Included
- LDVI™ Couplings Included
- Airtight Housing Guaranteed
- Large Electrical Box
- Zero Leakage

Active radon mitigation systems employ specialized fans to exhaust radioactive radon gas from underneath building structures via a sealed pipe system. These systems are designed to remove radon gas before it migrates into the building envelope.
As the most powerful model in Fantech's family of Radon Mitigation fans, the **Rn4EC** can create 4.3" of suction while moving 20 cfm, as well as move 490 cfm when operating at only 0.5" of suction. High air flow, high suction.
Rn4EC features an electronically commutated (EC) motor. Inherently efficient and operationally stable at full and reduced speeds, the EC motor arms the radon professional with installation methods not previously practical. Integrated control system allows for "dialling in" the fan speed necessary to achieve either the required sub-slab depressurization or required system air flow rate. For demand-controlled systems, the potentiometer can be removed from the wiring terminal block to accommodate an externally-provided 0-10Vdc speed command.
The **Rn 4-4EC** is constructed with UL certified, UV protected polycarbonate material. The inlet and outlet pieces of the fan's housing are vibration welded for 100% leak-proof housing construction. Totally enclosed motors are designed with extra moisture protection in various radon applications.
Performance certified by **HVI**; safety certified by **UL**.

Technical parameters

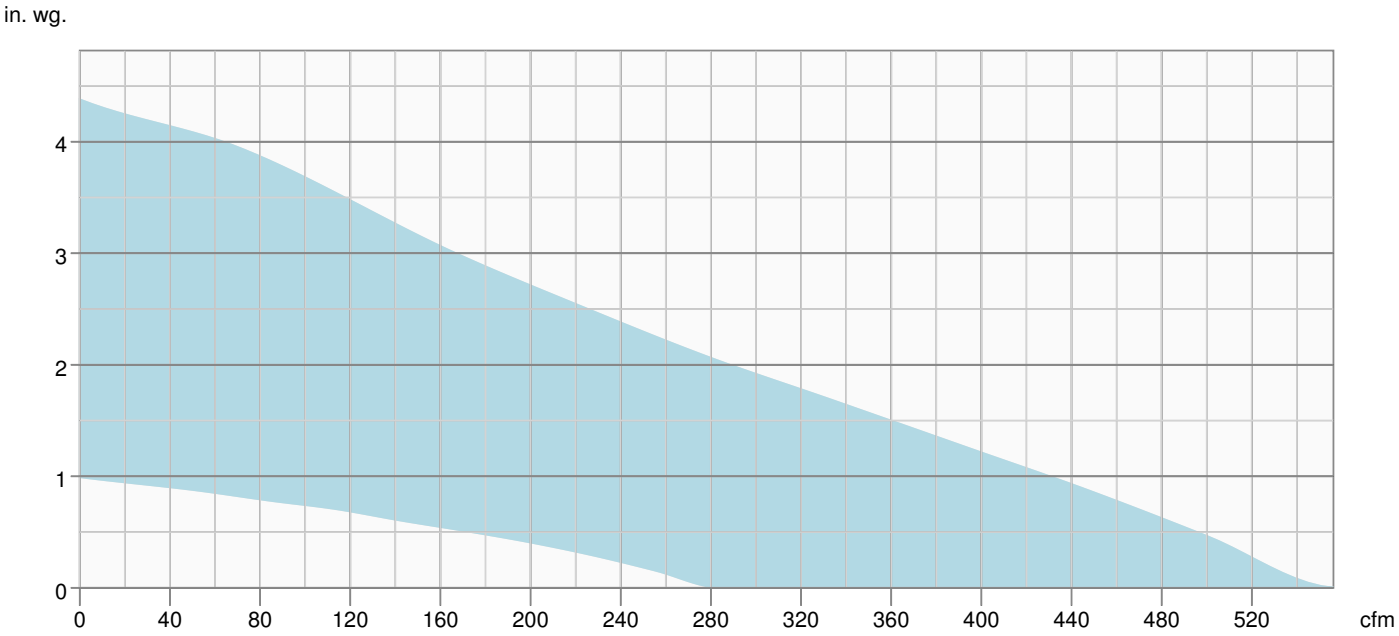
Norminal data		
Voltage (nominal)	120	V
Frequency	60	Hz
Phase(s)	1~	
Input power	169	W
Input current	2.1	A

Impeller speed	4,084	r.p.m.
Air flow	max 555.0	cfm

Protection/Classification		
Enclosure class, motor	IP54	
Insulation class	B	
Certificate	HVI, cULus	

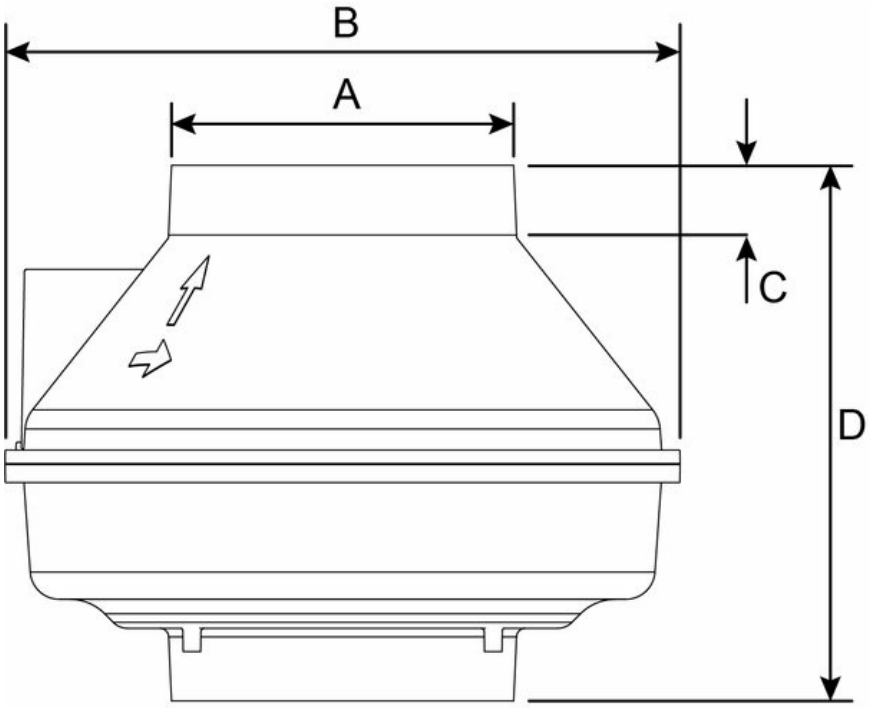
Dimensions and weights		
Weight	7.3	lb

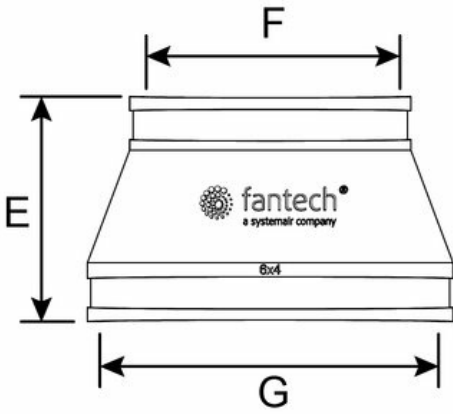
Performance curve



Hydraulic data	
Required air flow	-
Required static pressure	-
Working air flow	-
Working static pressure	-
Air density	0.075 lb/ft³
Power	-
Fan control - RPM	-
Current	-
SFP	-
Control voltage	-
Supply voltage	-

Dimensions

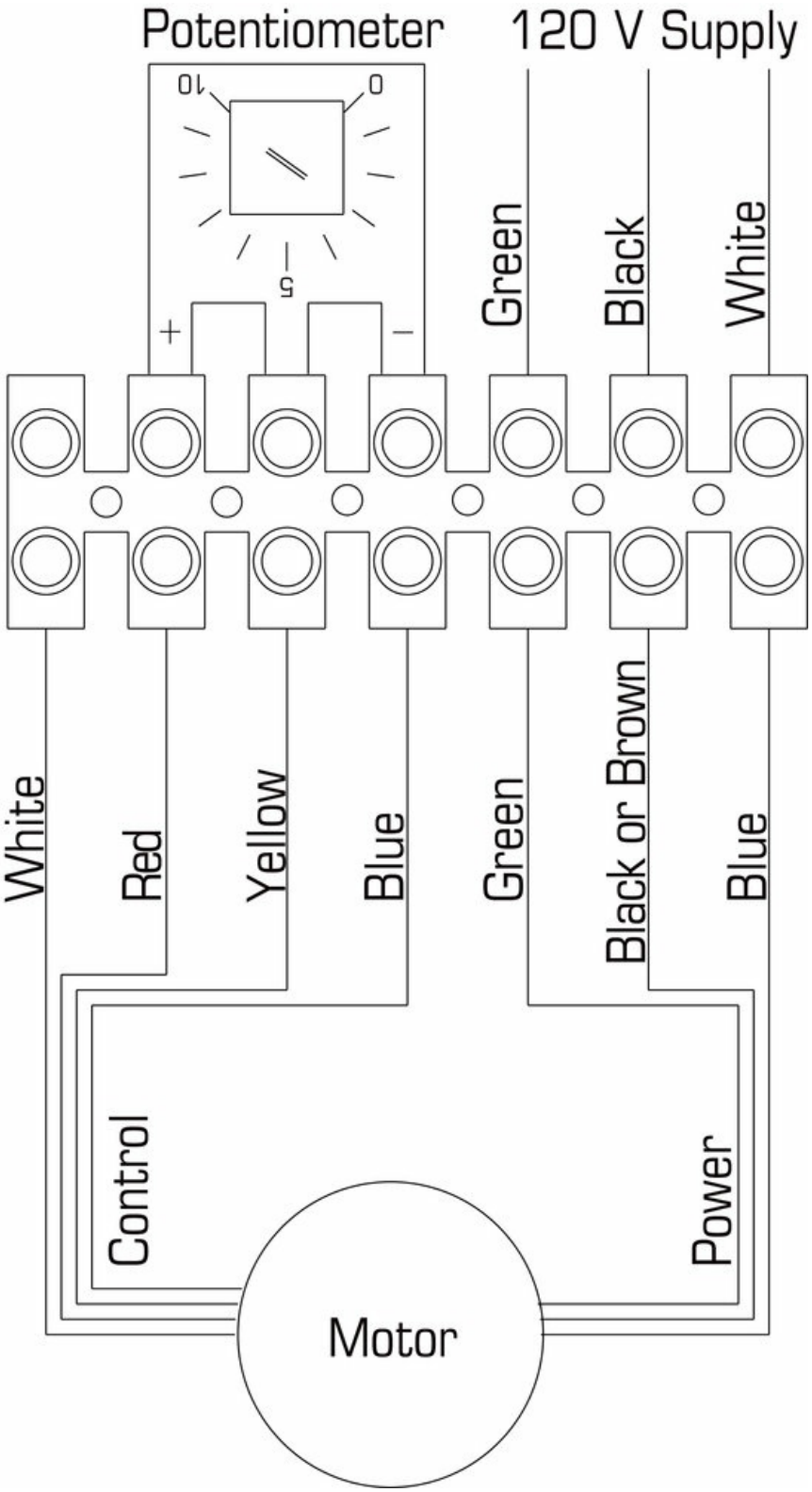




Model	A	B	C	D	E	F	G
Rn2EC	4 15/32 (114)	10 (254)	1 1/4 (32)	9 1/4 (235)	-	-	-
Rn4EC-3	5 7/8 (149)	11 1/2 (292)	1 1/4 (32)	9 1/4 (235)	4 (102)	3 1/2 (89)	6 (152)
Rn4EC-4	5 7/8 (149)	11 1/2 (292)	1 1/4 (32)	9 1/4 (235)	4 (102)	4 1/2 (114)	6 (152)

Dimensions in inches (mm).

Wiring


Potentiometer
120 V Supply
10
0
5
+
−
Green
Black
White
White
Red
Yellow
Blue
Green
Black or Brown
Blue
Control
Power
Motor

Documents

- 142001 Rn2EC-Rn4-EC OIPM EN FR.PDF

Appendix G – Import Backfill Material Documents

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Commercial or Industrial Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 200-300

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that would pass a size 80 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

No sampling performed, meets DER 10 Section 5.5 sampling exemption. Virgin stone from a permitted permitted quarry with < 10% material passing through a size 80 sieve.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

N/A

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

New Enterprise Stone & Lime, Inc. - owner of quarry

Location where fill was obtained:

8615 Wehrle Drive, Williamsville, NY 14221

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

NYSDEC Mined Land Reclamation permit 9-1499-00064/00003

Provide a list of supporting documentation included with this request:

Proctor and sieve analysis.

The information provided on this form is accurate and complete.

Adam Zeb

Signature

6/3/2019

Date

Adam Zebrowski

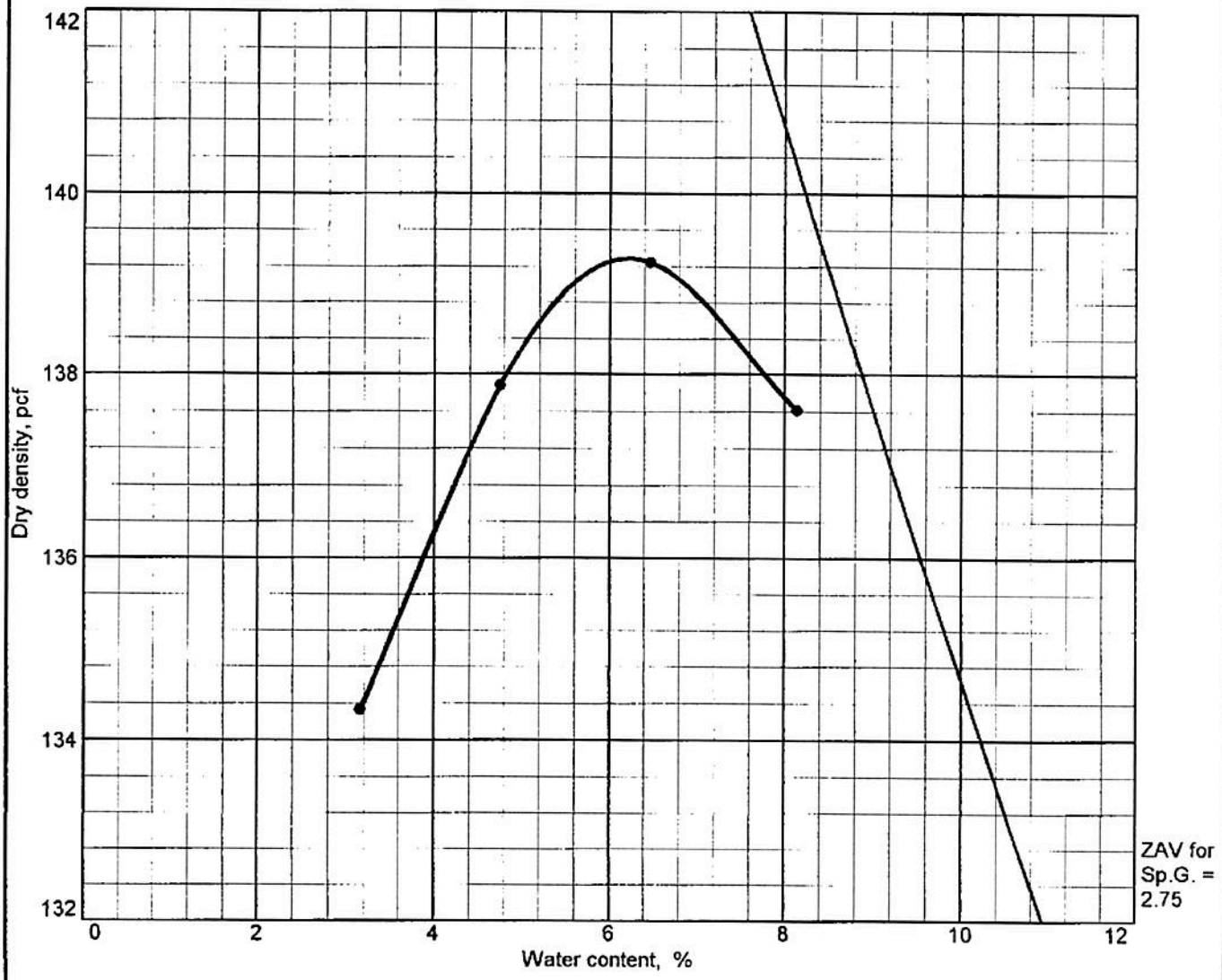
Print Name

LaBella Associates, D.P.C.

Firm

Revised August 2014

COMPACTION TEST REPORT - MANUAL RAMMER



Test specification: ASTM D 1557-12 Procedure C Modified
Oversize correction applied to each point

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.200
	USCS	AASHTO						
				2.65			15.2	4.9

ROCK CORRECTED TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 139.3 pcf Optimum moisture = 6.2 %	2" ROC STONE

Project No. BT-17-019 **Client:** NEW ENTERPRISE STONE & LIME INC.
Project: MATERIALS TESTING: NEW ENTERPRISE STONE & LIME

• **Location:** WEHRLE DRIVE PLANT

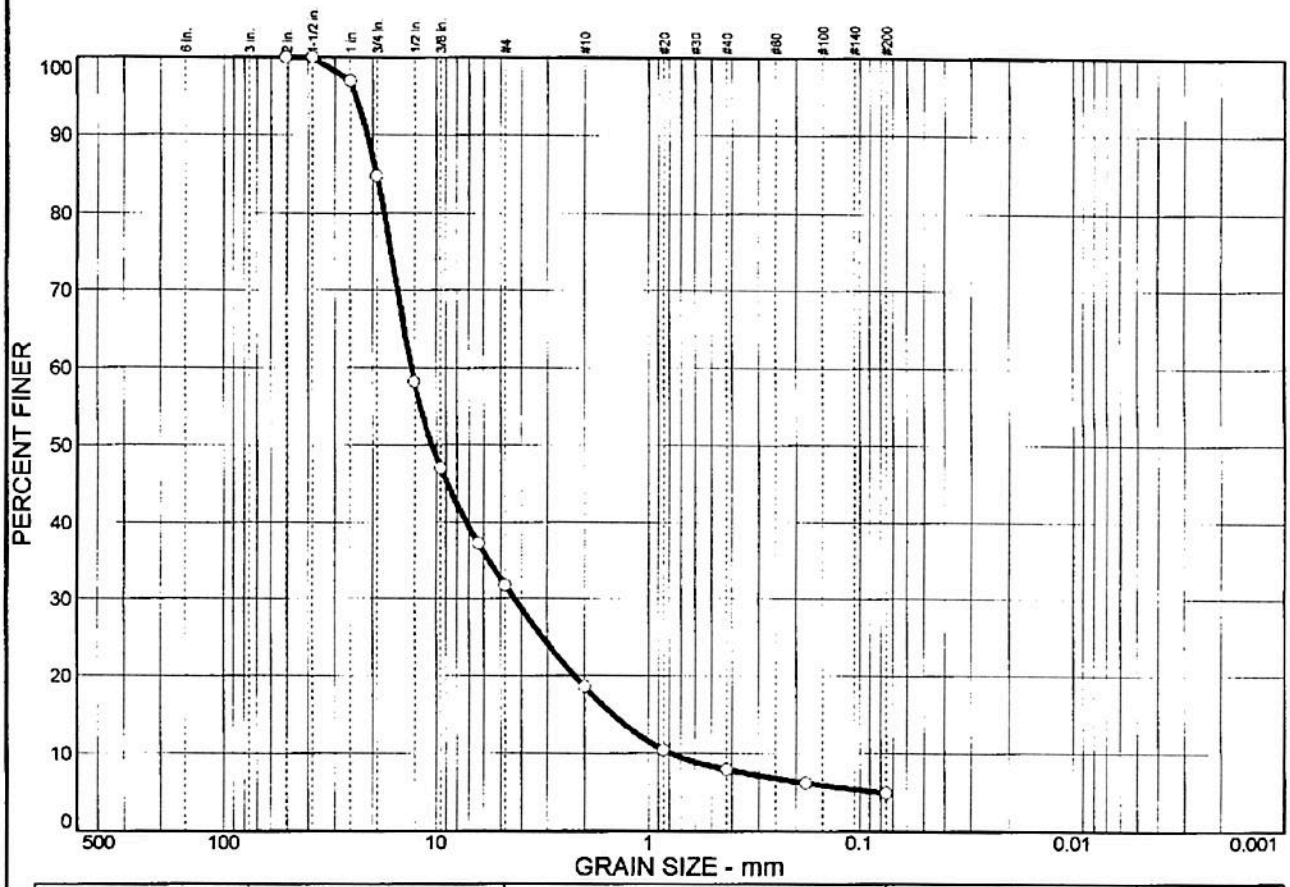
Remarks:
LTR-6
SAMPLE NUMBER: 19-220

COMPACTION TEST REPORT - MANUAL RAMMER

SJB SERVICES, INC.

Plate

Particle Size Distribution Report ASTM D-422 / ASTM D-1140



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	68.2	26.9	4.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2 in.	100.0		
1.5 in.	100.0		
1 in.	97.0		
.75 in.	84.8		
.5 in.	58.2		
.375 in.	47.0		
.25 in.	37.3		
#4	31.8		
#10	18.5		
#20	10.4		
#40	7.9		
#80	6.2		
#200	4.9		

* (no specification provided)

Soil Description

2" ROC STONE

Atterberg Limits

PL= LL= PI=

Coefficients

D_{85}= 19.1 D_{60}= 13.1 D_{50}= 10.5
D_{30}= 4.29 D_{15}= 1.48 D_{10}= 0.791
C_u= 16.57 C_c= 1.77

Classification

USCS= AASHTO=

Remarks

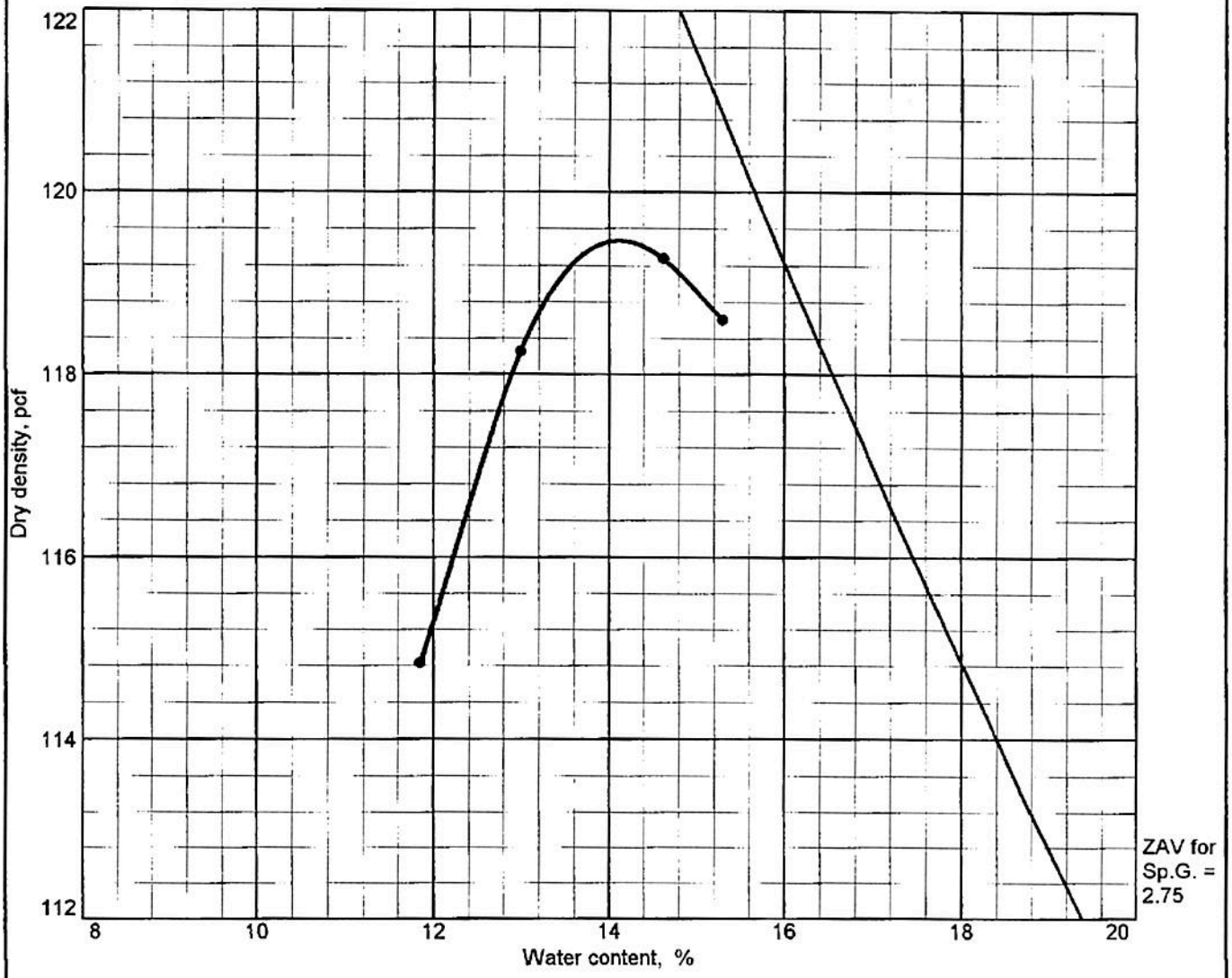
LTR-6
SAMPLED BY: NESL
DATE RECEIVED: 3-12-2019

Sample No.: 19-220 **Source of Sample:** NEW ENTERPRISE STONE & LIME **Date:** 3-26-2019
Location: WEHRLE DRIVE PLANT **Elev./Depth:**

SJB SERVICES, INC.

Client: NEW ENTERPRISE STONE & LIME INC.
Project: MATERIALS TESTING: NEW ENTERPRISE STONE & LIME
Project No: BT-17-019 **Plate**

COMPACTION TEST REPORT - MANUAL RAMMER



Test specification: ASTM D 1557-12 Procedure C Modified
Oversize correction applied to each point

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.200
	USCS	AASHTO						
				2.65			18.9	2.2

ROCK CORRECTED TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 119.5 pcf Optimum moisture = 14.1 %	2" RECYCLED CRUSHED CONCRETE

Project No. BT-17-019 **Client:** NEW ENTERPRISE STONE & LIME INC.
Project: MATERIALS TESTING: NEW ENTERPRISE STONE & LIME

• **Location:** WOODLAWN PLANT

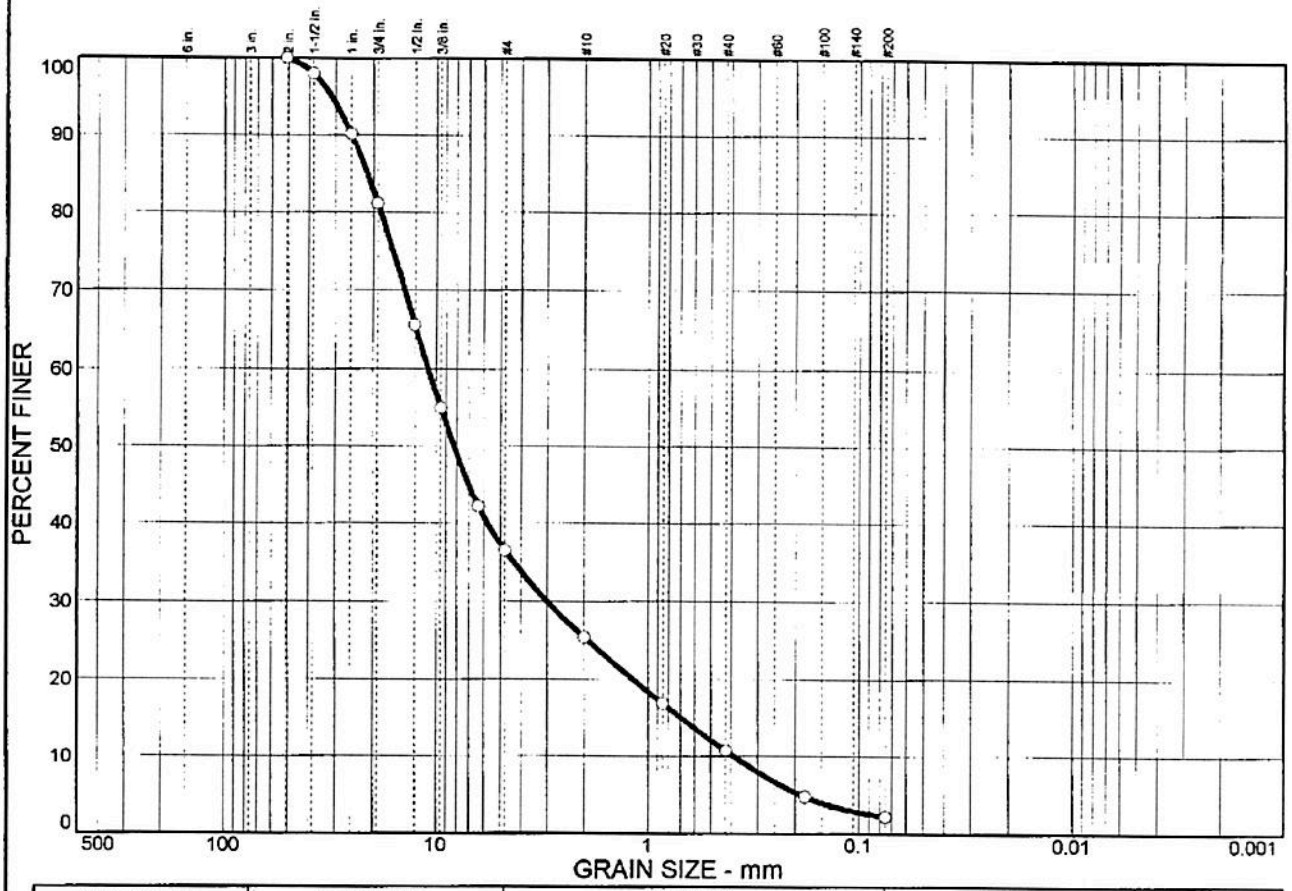
Remarks:
LTR-7
SAMPLE NUMBER: 19-221

COMPACTION TEST REPORT - MANUAL RAMMER

SJB SERVICES, INC.

Plate

Particle Size Distribution Report ASTM D-422 / ASTM D-1140



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	63.5	34.3	2.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2 in.	100.0		
1.5 in.	98.0		
1 in.	90.1		
.75 in.	81.1		
.5 in.	65.6		
.375 in.	55.0		
.25 in.	42.2		
#4	36.5		
#10	25.4		
#20	16.8		
#40	10.7		
#80	4.8		
#200	2.2		

* (no specification provided)

Soil Description

2" RECYCLED CRUSHED CONCRETE

Atterberg Limits

PL= LL= PI=

Coefficients

D_{85}= 21.4 D_{60}= 10.9 D_{50}= 8.25
D_{30}= 3.00 D_{15}= 0.699 D_{10}= 0.390
C_u= 28.04 C_c= 2.10

Classification

USCS= AASHTO=

Remarks

LTR-7
SAMPLED BY: NESL
DATE RECEIVED: 3-12-2019

Sample No.: 19-221 **Source of Sample:** NEW ENTERPRISE STONE & LIME **Date:** 3-26-2019
Location: WOODLAWN PLANT **Elev./Depth:**

SJB SERVICES, INC.

Client: NEW ENTERPRISE STONE & LIME INC.
Project: MATERIALS TESTING: NEW ENTERPRISE STONE & LIME

Project No: BT-17-019 **Plate**

New Enterprise Stone & Lime Co., Inc.

500 Como Park Blvd
Buffalo, New York 14227
Phone: (716) 826-7310 Fax: (716) 826-1342

PLANT INFORMATION: - 54230100 - WEHRLE AGGREGATES (716) 566-9633

ORDER NO.	TICKET NUMBER	SCALE	AUTO/MANUAL	DATE	TIME
1000193850	50273940	1	W	06/05/2019	1:10 pm

SOLD TO:
Pariso Logistics, Inc
3649 River Rd
Tonawanda, NY 14150-

CUSTOMER: 81997
PHONE:
PO #: 2019 HOME BUILDERS- 23

SHIP TO:

QUOTE:
STATE: NY
ZONE:

PRODUCT ID	PRODUCT DESCRIPTION
280300	STONE, 2" CRUSHER RUN

JOB NAME / LOCATION
2019 HOME BUILDERS- 23

Item

JOB REQUIRED NUMBERS
COUNTY: ERIE 2019 HOME BUILDERS- 23

TAG NO.	AXLES	TRUCK	CARRIER NAME	CARRIER CODE
44335jj	0	B00PLI38		

FREIGHT	FREIGHT COLLECT		ACCUMULATIVE QUANTITIES		PAYMENT METHOD		
PICKUP	76.000				CREDIT		
US WEIGHT		GROSS	ORDERED		MATERIAL		
70,900	35.45 Ton		0.00				
27,260	13.63 Ton	TARE	TODAY 21.82	LOADS 1	HAUL		
43,640	21.82 Ton	NET	TODATE 1,953.16	LOADS 91	ADD'L CHARGES		
21.82		Ton	ACCUMULATED CASH SALE		TAX		

WEIGHED BY
14540

TOTAL THIS LOAD

INSPECTOR'S SIGNATURE

JOB ARRIVAL TIME

JOB DEPARTURE TIME

RECEIVED ABOVE MATERIAL IN GOOD CONDITION. YOUR SIGNATURE OR ACTUAL RECEIPT/DELIVERY ACKNOWLEDGES ACCEPTANCE OF THE CONDITIONS ON THE BACK OF THIS TICKET.

X

A SERVICE CHARGE NOT TO EXCEED THE MAXIMUM ALLOWABLE BY LAW WILL BE APPLIED TO ALL AMOUNTS OVER 30 DAYS PAST DUE

Have a good and safe day

Plant #: 54230100 Ticket #: 50273940 PICKUP

ORIGINAL - CUSTOMER

New Enterprise Stone & Lime Co., Inc.

500 Como Park Blvd
Buffalo, New York 14227
Phone: (716) 826-7310 Fax: (716) 826-1342

PLANT INFORMATION: - 54230100 - WEHRLE AGGREGATES (716) 566-9633

ORDER NO.	TICKET NUMBER	SCALE	AUTO/MANUAL	DATE	TIME
1000193850	50273992	1	W	06/05/2019	2:06 pm

SOLD TO:
Pariso Logistics, Inc
3649 River Rd
Tonawanda, NY 14150-

CUSTOMER: 81997
PHONE:
PO #: 2019 HOME BUILDERS- 23

SHIP TO:

QUOTE:
STATE: NY
ZONE:

PRODUCT ID	PRODUCT DESCRIPTION
280300	STONE, 2" CRUSHER RUN

JOB NAME / LOCATION
2019 HOME BUILDERS- 23

Item

JOB REQUIRED NUMBERS
COUNTY: ERIE 2019 HOME BUILDERS- 23

TAG NO.	AXLES	TRUCK	CARRIER NAME	CARRIER CODE
44335jj	0	B00PLI38		

FREIGHT	FREIGHT COLLECT		ACCUMULATIVE QUANTITIES		PAYMENT METHOD		
PICKUP	76.000				CREDIT		
US WEIGHT 70,580	35.29 Ton	GROSS	ORDERED 0.00		MATERIAL		
27,260	13.63 Ton	TARE	TODAY 43.48	LOADS 2	HAUL		
43,320	21.66 Ton	NET	TODATE 1,974.82	LOADS 92	ADD'L CHARGES		
21.66		Ton	ACCUMULATED CASH SALE		TAX		

WEIGHED BY
14540

TOTAL THIS LOAD

INSPECTOR'S SIGNATURE

JOB ARRIVAL TIME

JOB DEPARTURE TIME

RECEIVED ABOVE MATERIAL IN GOOD CONDITION YOUR SIGNATURE OR ACTUAL RECEIPT/DELIVERY ACKNOWLEDGES ACCEPTANCE OF THE CONDITIONS ON THE BACK OF THIS TICKET.

A SERVICE CHARGE NOT TO EXCEED THE MAXIMUM ALLOWABLE BY LAW WILL BE APPL TO ALL AMOUNTS OVER 30 DAYS PAST DUE

X

Have a good and safe day

Plant #: 54230100 Ticket #: 50273992 PICKUP

ORIGINAL - CUSTOMER

New Enterprise Stone & Lime Co., Inc.

500 Como Park Blvd
Buffalo, New York 14227
Phone: (716) 826-7310 Fax: (716) 826-1342

PLANT INFORMATION: - 54230100 - WEHRLE AGGREGATES (716) 566-9633

ORDER NO.	TICKET NUMBER	SCALE	AUTO/MANUAL	DATE	TIME
1000193850	50274026	2	W	06/05/2019	2:44 pm

SOLD TO:
Pariso Logistics, Inc
3649 River Rd
Tonawanda, NY 14150-

CUSTOMER: 81997
PHONE:
PO #: 2019 HOME BUILDERS- 23

SHIP TO:

QUOTE:
STATE: NY
ZONE:

PRODUCT ID	PRODUCT DESCRIPTION
280300	STONE, 2" CRUSHER RUN

JOB NAME / LOCATION
2019 HOME BUILDERS- 23

Item

JOB REQUIRED NUMBERS
COUNTY: ERIE 2019 HOME BUILDERS- 23

TAG NO.	AXLES	TRUCK	CARRIER NAME	CARRIER CODE
44335ii	0	B00PLI38		

FREIGHT PICKUP	FREIGHT COLLECT 76.000		ACCUMULATIVE QUANTITIES		PAYMENT METHOD CREDIT		
US WEIGHT 70,900	35.45 Ton	GROSS	ORDERED 0.00		MATERIAL		
27,260	13.63 Ton	TARE	TODAY 65.30	LOADS 3	HAUL		
43,640	21.82 Ton	NET	TODATE 1,996.64	LOADS 93	ADD'L CHARGES		
21.82		Ton	ACCUMULATED CASH SALE		TAX		

WEIGHED BY
14497

TOTAL THIS LOAD

INSPECTOR'S SIGNATURE

JOB ARRIVAL TIME

JOB DEPARTURE TIME

RECEIVED ABOVE MATERIAL IN GOOD CONDITION. YOUR SIGNATURE OR ACTUAL RECEIPT/DELIVERY ACKNOWLEDGES ACCEPTANCE OF THE CONDITIONS ON THE BACK OF THIS TICKET.

X

A SERVICE CHARGE NOT TO EXCEED THE MAXIMUM ALLOWABLE BY LAW WILL BE APP TO ALL AMOUNTS OVER 30 DAYS PAST DUE.

Have a good and safe day

Plant #: 54230100 Ticket #: 50274026 PICKUP

ORIGINAL - CUSTOMER

New Enterprise Stone & Lime Co., Inc.

500 Como Park Blvd
Buffalo, New York 14227
Phone: (716) 826-7310 Fax: (716) 826-1342

PLANT INFORMATION: - 54230100 - WEHRLE AGGREGATES (716) 566-9633

ORDER NO.	TICKET NUMBER	SCALE	AUTO/MANUAL	DATE	TIME
1000193850	50274322	1	W	06/07/2019	8:33 am

SOLD TO:
Pariso Logistics, Inc
3649 River Rd
Tonawanda, NY 14150-

CUSTOMER: 81997
PHONE:
PO #: 2019 HOME BUILDERS- 23

SHIP TO:

QUOTE:
STATE: NY
ZONE:

PRODUCT ID	PRODUCT DESCRIPTION
280300	STONE, 2" CRUSHER RUN

JOB NAME / LOCATION
2019 HOME BUILDERS- 23

Item

JOB REQUIRED NUMBERS
COUNTY: ERIE 2019 HOME BUILDERS- 23

TAG NO.	AXLES	TRUCK	CARRIER NAME	CARRIER CODE
	0	B00PLI40		

FREIGHT	FREIGHT COLLECT		ACCUMULATIVE QUANTITIES		PAYMENT METHOD		
PICKUP	75.000				CREDIT		
US WEIGHT 72,380	36.19 Ton	GROSS	ORDERED 0.00		MATERIAL		
28,320	14.16 Ton	TARE	TODAY 67.11	LOADS 3	HAUL		
44,060	22.03 Ton	NET	TODATE 2,495.65	LOADS 112	ADD'L CHARGES		
22.03		Ton	ACCUMULATED CASH SALE		TAX		

WEIGHED BY 14540

TOTAL THIS LOAD

INSPECTOR'S SIGNATURE

JOB ARRIVAL TIME

JOB DEPARTURE TIME

RECEIVED ABOVE MATERIAL IN GOOD CONDITION. YOUR SIGNATURE OR ACTUAL RECEIPT/DELIVERY ACKNOWLEDGES ACCEPTANCE OF THE CONDITIONS ON THE BACK OF THIS TICKET.

A SERVICE CHARGE NOT TO EXCEED THE MAXIMUM ALLOWABLE BY LAW WILL BE APPL TO ALL AMOUNTS OVER 30 DAYS PAST DUE

X

Have a good and safe day

Plant #: 54230100 Ticket #: 50274322 PICKUP

ORIGINAL - CUSTOMER

New Enterprise Stone & Lime Co., Inc.

500 Como Park Blvd
Buffalo, New York 14227
Phone: (716) 826-7310 Fax: (716) 826-1342

PLANT INFORMATION: - 54230100 - WEHRLE AGGREGATES (716) 566-9633

ORDER NO.	TICKET NUMBER	SCALE	AUTO/MANUAL	DATE	TIME
1000193850	50274144	1	W	06/06/2019	10:36 am

SOLD TO:
Pariso Logistics, Inc
3649 River Rd
Tonawanda, NY 14150-

CUSTOMER: 81997
PHONE:
PO #: 2019 HOME BUILDERS- 23

SHIP TO:

QUOTE:
STATE: NY
ZONE:

PRODUCT ID	PRODUCT DESCRIPTION
280300	STONE, 2" CRUSHER RUN

JOB NAME / LOCATION
2019 HOME BUILDERS- 23

Item

JOB REQUIRED NUMBERS
COUNTY: ERIE 2019 HOME BUILDERS- 23

TAG NO.	AXLES	TRUCK	CARRIER NAME	CARRIER CODE
62187ML	3	B00PLI21		

FREIGHT	FREIGHT COLLECT		ACCUMULATIVE QUANTITIES		PAYMENT METHOD		
PICKUP	72.500				CREDIT		
US WEIGHT 68,860	34.43 Ton	GROSS	ORDERED 0.00		MATERIAL		
25,240	12.62 Ton	TARE	TODAY 265.30	LOADS 10	HAUL		
43,620	21.81 Ton	NET	TODATE 2,261.94	LOADS 103	ADD'L CHARGES		
21.81		Ton	ACCUMULATED CASH SALE		TAX		

WEIGHED BY 14540

TOTAL THIS LOAD

INSPECTOR'S SIGNATURE

JOB ARRIVAL TIME

JOB DEPARTURE TIME

RECEIVED ABOVE MATERIAL IN GOOD CONDITION. YOUR SIGNATURE OR ACTUAL RECEIPT/DELIVERY ACKNOWLEDGES ACCEPTANCE OF THE CONDITIONS ON THE BACK OF THIS TICKET.

A SERVICE CHARGE NOT TO EXCEED THE MAXIMUM ALLOWABLE BY LAW WILL BE APPL TO ALL AMOUNTS OVER 30 DAYS PAST DUE.

X

Have a good and safe day

Plant #: 54230100 Ticket #: 50274144 PICKUP

ORIGINAL - CUSTOMER

New Enterprise Stone & Lime Co., Inc.

500 Como Park Blvd
Buffalo, New York 14227
Phone: (716) 826-7310 Fax: (716) 826-1342

PLANT INFORMATION: - 54230100 - WEHRLE AGGREGATES (716) 566-9633

ORDER NO.	TICKET NUMBER	SCALE	AUTO/MANUAL	DATE	TIME
1000193850	50274123	2	W	06/06/2019	9:52 am

SOLD TO:
Pariso Logistics, Inc
3649 River Rd
Tonawanda, NY 14150-

CUSTOMER: 81997
PHONE:
PO #: 2019 HOME BUILDERS- 23

SHIP TO:

QUOTE:
STATE: NY
ZONE:

PRODUCT ID	PRODUCT DESCRIPTION
280300	STONE, 2" CRUSHER RUN

JOB NAME / LOCATION
2019 HOME BUILDERS- 23

Item

JOB REQUIRED NUMBERS
COUNTY: ERIE 2019 HOME BUILDERS- 23

TAG NO.	AXLES	TRUCK	CARRIER NAME	CARRIER CODE
62187ML	3	B00PLI21		

FREIGHT	FREIGHT COLLECT		ACCUMULATIVE QUANTITIES		PAYMENT METHOD		
PICKUP	72.500				CREDIT		
US WEIGHT 65,700	32.85 Ton	GROSS	ORDERED 0.00		MATERIAL		
25,240	12.62 Ton	TARE	TODAY 203.34	LOADS 8	HAUL		
40,460	20.23 Ton	NET	TODATE 2,199.98	LOADS 101	ADD'L CHARGES		
20.23		Ton	ACCUMULATED CASH SALE		TAX		

WEIGHED BY 14540

TOTAL THIS LOAD

INSPECTOR'S SIGNATURE

JOB ARRIVAL TIME

JOB DEPARTURE TIME

RECEIVED ABOVE MATERIAL IN GOOD CONDITION. YOUR SIGNATURE OR ACTUAL RECEIPT/DELIVERY ACKNOWLEDGES ACCEPTANCE OF THE CONDITIONS ON THE BACK OF THIS TICKET.

A SERVICE CHARGE NOT TO EXCEED THE MAXIMUM ALLOWABLE BY LAW WILL BE APPL TO ALL AMOUNTS OVER 30 DAYS PAST DUE.

X

Have a good and safe day

Plant #: 54230100 Ticket #: 50274123 PICKUP

ORIGINAL - CUSTOMER

New Enterprise Stone & Lime Co., Inc.

500 Como Park Blvd
Buffalo, New York 14227
Phone: (716) 826-7310 Fax: (716) 826-1342

PLANT INFORMATION: - 54230100 - WEHRLE AGGREGATES (716) 566-9633

ORDER NO.	TICKET NUMBER	SCALE	AUTO/MANUAL	DATE	TIME
1000193850	50274108	2	W	06/06/2019	9:08 am

SOLD TO:
Pariso Logistics, Inc
3649 River Rd
Tonawanda, NY 14150-

CUSTOMER: 81997
PHONE:
PO #: 2019 HOME BUILDERS- 23

SHIP TO:

QUOTE:
STATE: NY
ZONE:

PRODUCT ID	PRODUCT DESCRIPTION
280300	STONE, 2" CRUSHER RUN

JOB NAME / LOCATION
2019 HOME BUILDERS- 23

Item

JOB REQUIRED NUMBERS
COUNTY: ERIE 2019 HOME BUILDERS- 23

TAG NO.	AXLES	TRUCK	CARRIER NAME	CARRIER CODE
62187ML	3	B00PLI21		

FREIGHT	FREIGHT COLLECT		ACCUMULATIVE QUANTITIES		PAYMENT METHOD		
PICKUP	72,500				CREDIT		
US WEIGHT 67,940	33.97 Ton	GROSS	ORDERED 0.00		MATERIAL		
25,240	12.62 Ton	TARE	TODAY 144.89	LOADS 6	HAUL		
42,700	21.35 Ton	NET	TODATE 2,141.53	LOADS 99	ADD'L CHARGES		
21.35		Ton	ACCUMULATED CASH SALE		TAX		

WEIGHED BY
14540

TOTAL THIS LOAD

INSPECTOR'S SIGNATURE

JOB ARRIVAL TIME

JOB DEPARTURE TIME

RECEIVED ABOVE MATERIAL IN GOOD CONDITION. YOUR SIGNATURE OR ACTUAL RECEIPT/DELIVERY ACKNOWLEDGES ACCEPTANCE OF THE CONDITIONS ON THE BACK OF THIS TICKET.

X

A SERVICE CHARGE NOT TO EXCEED THE MAXIMUM ALLOWABLE BY LAW WILL BE APPL TO ALL AMOUNTS OVER 30 DAYS PAST DUE.

Have a good and safe day

Plant #: 54230100 Ticket #: 50274108 PICKUP

ORIGINAL - CUSTOMER

New Enterprise Stone & Lime Co., Inc.

500 Como Park Blvd
Buffalo, New York 14227
Phone: (716) 826-7310 Fax: (716) 826-1342

PLANT INFORMATION: - 54230100 - WEHRLE AGGREGATES (716) 566-9633

ORDER NO.	TICKET NUMBER	SCALE	AUTO/MANUAL	DATE	TIME
1000193850	50274096	1	W	06/06/2019	8:27 am

SOLD TO:
Pariso Logistics, Inc
3649 River Rd
Tonawanda, NY 14150-

CUSTOMER: 81997
PHONE:
PO #: 2019 HOME BUILDERS- 23

SHIP TO:

QUOTE:
STATE: NY
ZONE:

PRODUCT ID	PRODUCT DESCRIPTION
280300	STONE, 2" CRUSHER RUN

JOB NAME / LOCATION
2019 HOME BUILDERS- 23

Item

JOB REQUIRED NUMBERS
COUNTY: ERIE 2019 HOME BUILDERS- 23

TAG NO.	AXLES	TRUCK	CARRIER NAME	CARRIER CODE
62187ML	3	B00PLI21		

FREIGHT	FREIGHT COLLECT		ACCUMULATIVE QUANTITIES		PAYMENT METHOD		
PICKUP	72,500				CREDIT		
US WEIGHT 66,340	33.17 Ton	GROSS	ORDERED 0.00		MATERIAL		
25,240	12.62 Ton	TARE	TODAY 123.54	LOADS 5	HAUL		
41,100	20.55 Ton	NET	TODATE 2,120.18	LOADS 98	ADD'L CHARGES		
20.55		Ton	ACCUMULATED CASH SALE		TAX		

WEIGHED BY
14540

TOTAL THIS LOAD

INSPECTOR'S SIGNATURE

JOB ARRIVAL TIME

JOB DEPARTURE TIME

RECEIVED ABOVE MATERIAL IN GOOD CONDITION. YOUR SIGNATURE OR ACTUAL RECEIPT/DELIVERY ACKNOWLEDGES ACCEPTANCE OF THE CONDITIONS ON THE BACK OF THIS TICKET.

A SERVICE CHARGE NOT TO EXCEED THE MAXIMUM ALLOWABLE BY LAW WILL BE APPL TO ALL AMOUNTS OVER 30 DAYS PAST DUE.

X

Have a good and safe day

Plant #: 54230100 Ticket #: 50274096 PICKUP

HAULER

Void - Customer Do Not Accept

New Enterprise Stone & Lime Co., Inc.

500 Como Park Blvd
Buffalo, New York 14227
Phone: (716) 826-7310 Fax: (716) 826-1342

PLANT INFORMATION: - 54230100 - WEHRLE AGGREGATES (716) 566-9633

ORDER NO.	TICKET NUMBER	SCALE	AUTO/MANUAL	DATE	TIME
1000193850	50274063	1	W	06/06/2019	7:38 am

SOLD TO:
Pariso Logistics, Inc
3649 River Rd
Tonawanda, NY 14150-

CUSTOMER: 81997
PHONE:
PO #: 2019 HOME BUILDERS- 23

SHIP TO:

QUOTE:
STATE: NY
ZONE:

PRODUCT ID	PRODUCT DESCRIPTION
280300	STONE, 2" CRUSHER RUN

JOB NAME / LOCATION
2019 HOME BUILDERS- 23

Item

JOB REQUIRED NUMBERS
COUNTY: ERIE 2019 HOME BUILDERS- 23

TAG NO.	AXLES	TRUCK	CARRIER NAME	CARRIER CODE
62187ML	3	B00PLI21		

FREIGHT	FREIGHT COLLECT		ACCUMULATIVE QUANTITIES		PAYMENT METHOD		
PICKUP	72,500				CREDIT		
US WEIGHT 66,900	33.45 Ton	GROSS	ORDERED 0.00		MATERIAL		
25,240	12.62 Ton	TARE	TODAY 20.83	LOADS 1	HAUL		
41,660	20.83 Ton	NET	TODATE 2,017.47	LOADS 94	ADD'L CHARGES		
20.83		Ton	ACCUMULATED CASH SALE		TAX		

WEIGHED BY
14540

TOTAL THIS LOAD

INSPECTOR'S SIGNATURE

JOB ARRIVAL TIME

JOB DEPARTURE TIME

RECEIVED ABOVE MATERIAL IN GOOD CONDITION. YOUR SIGNATURE OR ACTUAL RECEIPT/DELIVERY ACKNOWLEDGES ACCEPTANCE OF THE CONDITIONS ON THE BACK OF THIS TICKET.

A SERVICE CHARGE NOT TO EXCEED THE MAXIMUM ALLOWABLE BY LAW WILL BE APPL TO ALL AMOUNTS OVER 30 DAYS PAST DUE.

X

Have a good and safe day

Plant #: 54230100 Ticket #: 50274063 PICKUP

ORIGINAL - CUSTOMER

Appendix H – Environmental Easenment

ERIE COUNTY CLERK'S OFFICE

County Clerk's Recording Page

Return to:
BOX 104
BARCLAY DAMON LLP
M MURPHY

Book Type: D Book: 11354 Page: 826
Page Count: 10
Doc Type: EASEMENT/RTWY
Rec Date: 12/12/2019
Rec Time: 02:41:33 PM
Control #: 2019275208
UserID: Megan
Trans #: 19210111
Document Sequence Number
TT2019010230

Party 1:
WALDEN REALTY LIMITED PARTNERSHIP

Party 2:

Consideration Amount: 1.00

Recording Fees:

RECORDING	$70.00
COE CO $1 RET	$1.00
COE STATE $14.25 GEN	$14.25
COE STATE $4.75 RM	$4.75
TP584	$10.00

BASIC MT	$0.00
SONYMA MT	$0.00
ADDL MT/NFTA	$0.00
SP MT/M-RAIL	$0.00
NY STATE TT	$0.00
ROAD FUND TT	$0.00

Total: $100.00

STATE OF NEW YORK
ERIE COUNTY CLERK'S OFFICE

WARNING – THIS SHEET CONSTITUTES THE CLERK'S ENDORSEMENT REQUIRED BY SECTION 319&316-a (5) OF THE REAL PROPERTY LAW OF THE STATE OF NEW YORK. DO NOT DETACH. THIS IS NOT A BILL.

Michael P. Kearns
Erie County Clerk

Box 104
Barclay Damon LLP
M. Murphy

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

THIS INDENTURE made this 5th day of December, 2019, between Owner, Walden Realty Limited Partnership, having an office at 11980 Walden Avenue, Alden, New York 14004-9709, County of Erie, State of New York (the "Grantor"), and The People of the State of New York (the "Grantee"), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

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

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

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

WHEREAS, Grantor, is the owner of real property located at the address of 11075 Walden Avenue in the Town of Alden, County of Erie and State of New York, known and designated on the tax map of the County Clerk of Erie as tax map parcel numbers: Section 96.00 Block 4 Lot 6.2, being the same as that property conveyed to Grantor by deed dated August 5, 1998 and recorded in the Erie County Clerk's Office in Liber and Page 10936/8771. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 2.96 +/- acres, and is hereinafter more fully described in the Land Title Survey dated June 17, 2019 prepared by Richard Nathan Johnson, L.L.S. of Wendel WD Architecture, Engineering, Surveying and Landscape Architecture P.C., which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is

MF 275268
785-9

extinguished pursuant to ECL Article 71, Title 36; and

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: C915333-08-20, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Law.

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

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

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

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

(i) are in-place;

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

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

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

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

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

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

(7) the information presented is accurate and complete.

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

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

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

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

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against

the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

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

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

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

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

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

Parties shall address correspondence to:
Site Number: C915333
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to:
Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

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

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the

recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

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

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

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

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

Remainder of Page Intentionally Left Blank

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

Walden Realty Limited Partnership:

By: Sovereign Asset Management, LLC

By: James J. Doro

Print Name: James J. Doro

Title: President/Manager of the General Partner Date: 11/1/19

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ERIE)

On the 1st day of November, in the year 2019, before me, the undersigned, personally appeared James J. Doro, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Notary Public - State of New York

HERBERT J. GLOSE
NOTARY PUBLIC, State of New York
Qualified in Erie County
My Commission Expires Sept. 30, 2020

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting by and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____
Michael J. Ryan, Director
Division of Environmental Remediation

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 5th day of December, in the year 2019 before me, the undersigned, personally appeared Michael J. Ryan, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

David J. Chiusano
Notary Public, State of New York
No. 01CH5032146
Qualified in Schenectady County
Commission Expires August 22, 2022

SCHEDULE "A" PROPERTY DESCRIPTION

LEGAL DESCRIPTION OF ENVIRONMENTAL EASEMENT AREA NYSDEC INDEX NO. C915333-08-20 FROM THE INSTRUMENT SURVEY DATED MAY 2019

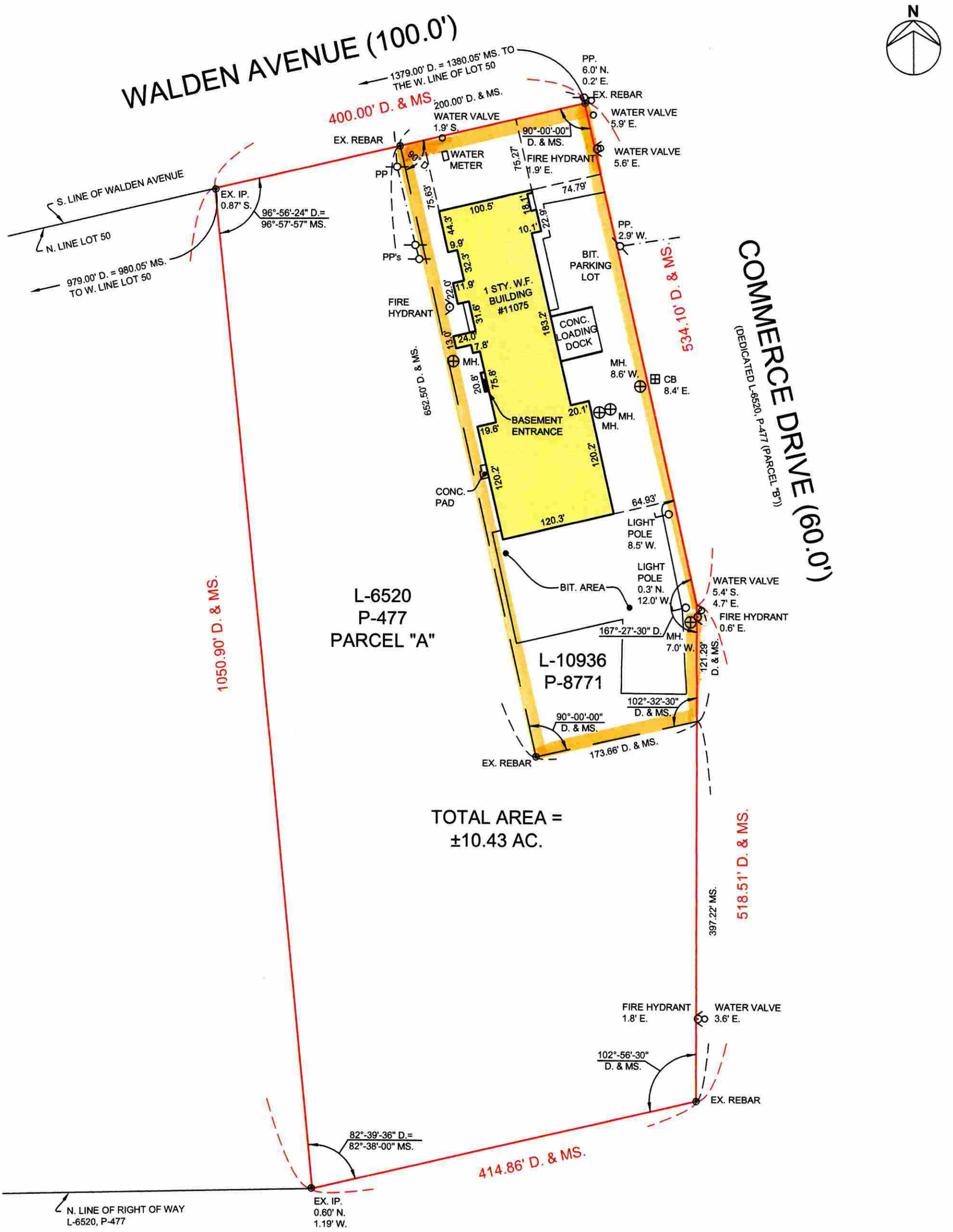
All that tract or parcel of land, situate in the Town of Alden, county of Erie and state of New York, being part of Lot No. 50, Township 11, Range 5, of the Holland land company's survey, described as follows:

Beginning at a point in the south line of Walden Avenue; said line also being the north line of lot no. 50, distant 1380.05 feet easterly from its intersection with the westerly line of Lot No. 50; running thence southeasterly at right angles, 534.10 feet; continuing thence southerly and forming an interior angle of 167°-27'-30" with the last described course, 121.29 feet; running thence westerly and at an interior angle of 102°-32'-30", 173.66 feet; running thence northerly at right angles, 652.50 feet to a point in the south line of Walden Avenue; running thence easterly at right angles, 200 feet to the principal point or place of beginning. Containing 2.96 acres, more or less.

DRAWING NAME
05.004

LEGEND:

AC. = ACRES
APPROX. = APPROXIMATE
AVE. = AVENUE
BIT. = BITUMINOUS
CB = CATCH BASIN
CH. = CHAIN
CONC. = CONCRETE
COR. = CORNER
C.T.V. = CABLE TV BOX
℄ = CENTERLINE
D. = DEED
DIA. = DIAMETER
DIST. = DISTANCE
E = EAST
EJB = ELECTRICAL JUNCTION BOX
ENC. = ENCROACHMENT
ESMT. = EASEMENT
EX. = EXISTING
FNC. = FENCE
GAR. = GARAGE
IP. = IRON PIPE
L = LIBER
MH = MANHOLE
MP. = MAP
MS. = MEASURED
N = NORTH
O/H = OVERHEAD
O/L = ON LINE
PO. = PORCH
PP = POWER POLE
P = PAGE
℗ = PROPERTY LINE
PAV'T = PAVEMENT
RD. = ROAD
S = SOUTH
ST. = STREET
STY. = STORY
TJB = TELEPHONE JUNCTION BOX
TYP. = TYPICAL
W = WEST
W/ = WITH
WD. = WOOD
W.F. = WOODFRAME



REVISED 2/27/2017; DEED INFORMATION

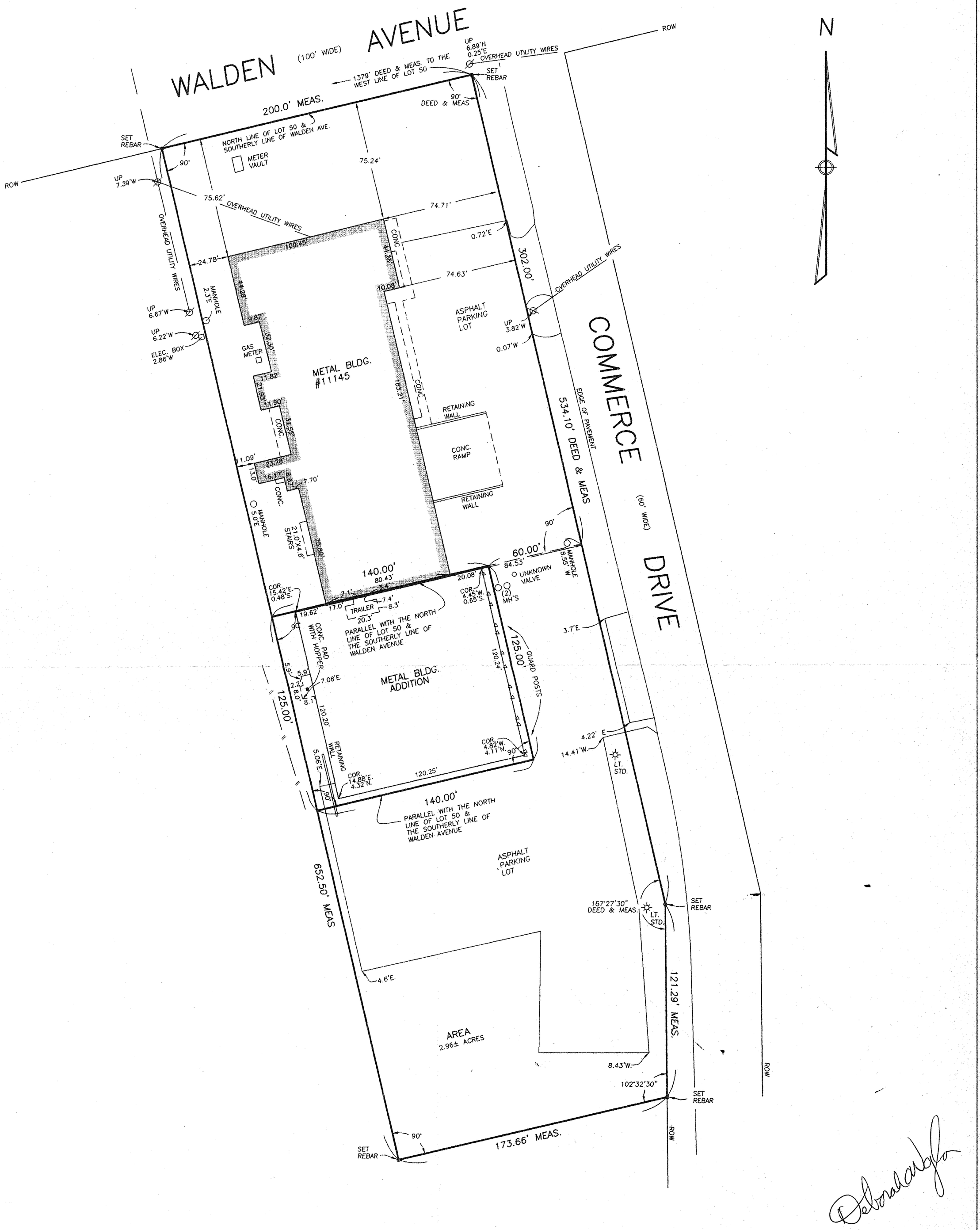
TAX IDENTIFICATION No.: 96.00-4-6.1 & 6.2
MAP REFERENCE:

NOTES:
-ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MAP MARKED WITH THE SIGNATURE AND AN ORIGINAL OF THE LAND SURVEYOR'S EMBOSSED SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.
-UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY MAP IS A VIOLATION OF SECTION 7209. PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

Christopher J. Scott

wendel
Centerpointe Corporate Park * 375 Essjay Road, Suite 200
Williamsville, New York 14221
PHONE: 716.688.0766 FAX: 716.625.6825
WEBSITE: www.wendelcompanies.com
Wendel WD Architecture, Engineering, Surveying and Landscape Architecture P.C.

PART OF LOT 50	SEC. -	TWP. 11	RNG. 5
OF THE HOLLAND LAND COMPANY'S SURVEY			
TOWN ALDEN		PROJ. NO. 2963-17-05/004	
COUNTY ERIE, NY		SCALE 1" = 100'	
CREW MLH, AAD	DWN. MLH	CHK. CJS	DATE 2/9/2017



THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATEMENT OF FACTS THAT MAY BE REVEALED BY AN EXAMINATION OF SUCH.

WARNING: ALTERING THIS DOCUMENT IS IN VIOLATION OF THE LAW EXCEPTING AS PROVIDED IN SECTION 7209, PART 2 OF THE NEW YORK STATE EDUCATION LAW.

CADD2: \ 98127\98127REV.DWG

DATE OF SURVEY	DATE OF REVISION	COMMENT
6/15/1998	7/1/1998	SET PROPERTY CORNERS
6/15/1998	7/14/1998	CHANGE RANGE NUMBER
3/23/2000	3/27/2000	ADD ADDITIONAL PARKING AND PROPERTY LINES AROUND ADDITION
3/23/2000	5/17/2000	ADD MEAS. TO TIE DIST. OF 1379' & MOVE PROPERTY LINES 1.35' E

SURVEY

PART OF LOT 50, TWP.11, RGE.5
TOWN OF ALDEN
COUNTY OF ERIE ~ STATE OF NEW YORK

DEBORAH A. NAYBOR PLS, PC.

LAND SURVEYING – LAND PLANNING
11901 BROADWAY
ALDEN, NEW YORK 14004
(716) 937–9448

DATE : 6/15/1998 SHEET: 1 OF 1 DWN BY: PDS

JOB NO.: 98127 SCALE: 1" = 40' CHK BY:

Appendix I – Contained-In Documentation

Contained-In Determination Work Plan
AOC #2

Location:

BCP Site #C915333
11075 Walden Avenue
Alden, New York

Prepared for:

Walden Realty Limited Partnership/Doritex Corp.
11980 Walden Avenue
Alden, New York

LaBella Project No. 2180605

April 4, 2019

300 Pearl Street, Suite 130 | Buffalo, NY 14202 | p 716-551-6281 | f 716-551-6282
www.labellapc.com

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Table 2 – Summary of Groundwater Analytical Results

Appendix 1 – Phase II ESA Subsurface Logs

1.0 Introduction

LaBella Associates D.P.C. ("LaBella") prepared this "Contained-In" Determination Work Plan on behalf of Walden Realty Limited Partnership and Doritex Corp. (collectively, the "Participant") for the property addressed as 11075 Walden Avenue, in the Town of Alden, Erie County, New York, hereinafter referred to as the "Site". The Site currently includes the Site Building located on the middle portion of the Site, asphalt-paved parking (impervious surfaces) located east and south of the Site Building, and greenspace located north and west of the Site Building and to the south beyond the asphalt-paved parking lot. A Site Location Map is included as Figure 1. The Site was recently accepted into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) under a volunteer status (Site #C915333). This "Contained-In" Determination Work Plan is being submitted to address soil waste which will be generated during the implementation of interim remedial measures (IRMs) at this Site associated with AOC #2 [chlorinated solvent volatile organic compound (cVOC)-impacted soil]. Based on soil laboratory analytical results from several Phase II Environmental Site Assessments (ESAs) conducted at the Site, cVOC impacted soil was identified beneath the west central portion of the Site Building. This Work Plan includes soil and groundwater data obtained through the completion of the previous Phase II ESAs at the Site by LaBella. Refer to Tables 1 and 2. This document was prepared in accordance with the "Contained-In" Criteria identified in NYSDEC Technical and Administrative Guidance Memorandum (TAGM) 3028.

2.0 Proposed "Contained-In" Sampling

This section outlines a sampling plan for making the "Contained-In" determination. Approximately 200 tons of cVOC-impacted soil has been proposed for excavation as part of the AOC #2 remedy. It is anticipated that soil excavated from the limits of AOC #2 will be separated into four piles, each pile containing approximately 50 tons of soil. Based on the anticipated volume of material which will be generated, NYSDEC Division of Environmental Remediation-10 Table 5.4(e)10 *"Recommended Number of Soil Samples for Soil Imported To or Exported From a Site"*, the following sampling plan is proposed for the "Contained-In" determination:

- One discrete soil sample collected from each soil pile (total four soil samples) and submitted for laboratory analysis for target compound list volatile organic compounds (VOCs) using United States Environmental Protection Agency (USEPA) Method 8260
- One discrete soil sample collected from each soil pile (total four soil samples) and submitted for laboratory analysis for toxicity characteristic leaching procedure (TCLP) VOCs using USEPA Method 8260
- One soil sample will be collected from each soil pile and combined into one composite soil sample and submitted for laboratory analysis for TCLP semi-volatile organic compounds and metals using USEPA Method 1311, flashpoint using USEPA Method 1030, reactivity using USEPA Method 7.3 and corrosivity

Based on the results of the "Contained-In" sampling, approximate tonnages of soil deemed hazardous vs. non-hazardous will be confirmed for subsequent loading and off-site transport during IRM activities.

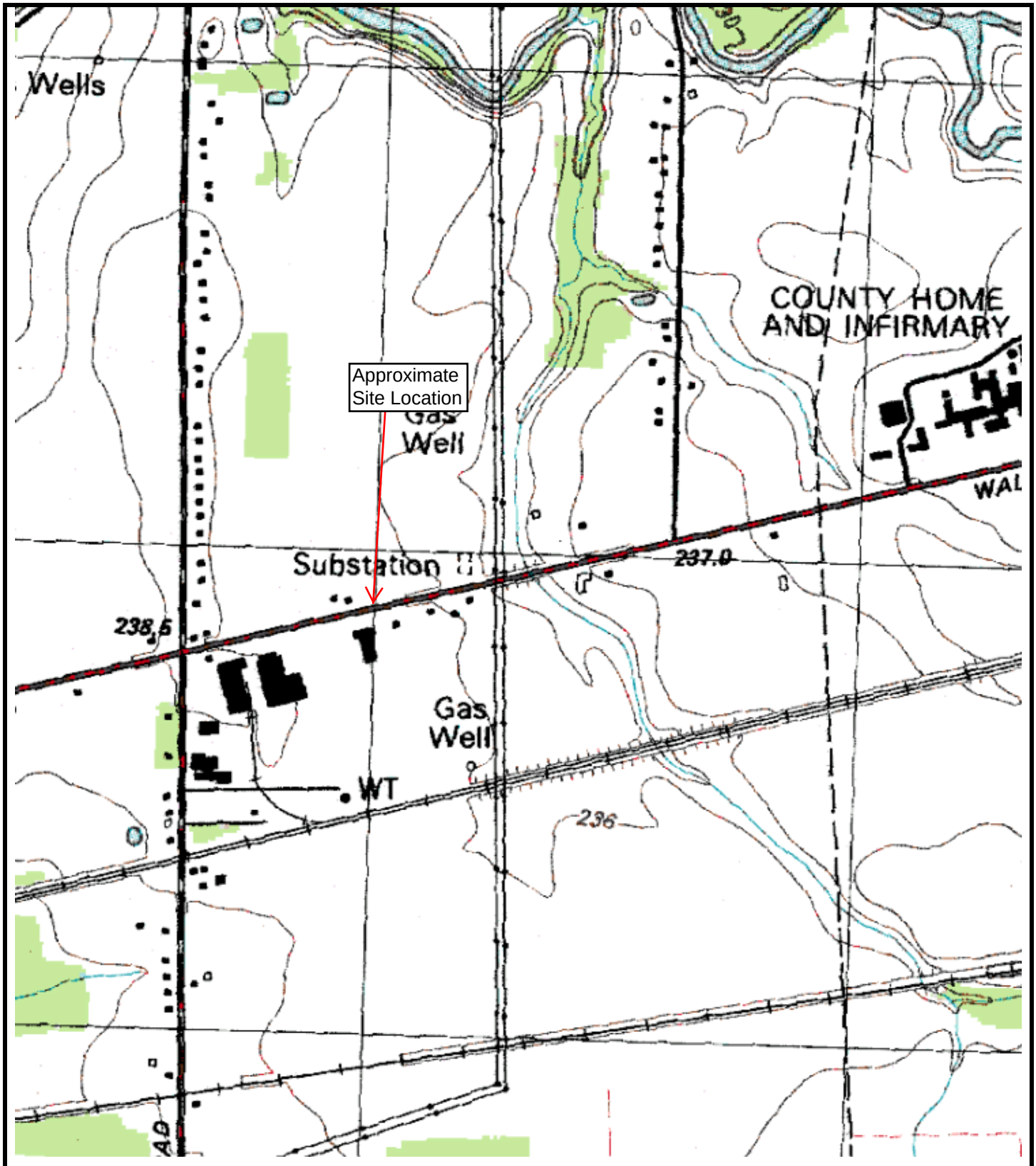
3.0 “Contained-In” Request

Subsequent to completing the sampling and receiving the analytical results, LaBella will submit a “Contained-In” request that provides the sampling completed, the laboratory results, the quantities of material, etc. Currently it is anticipated that the soil waste will be approved for ‘Contained-In’ and will be disposed of at a solid waste landfill with a 6 NYCRR Part 360 Permit. This request will provide the proposed disposal facility and request approval by NYSDEC (if data supports the request).

J:\WALDEN REALTY\2180605 - 11075 WALDEN AVE BCP\REPORTS\CONTAINED-IN DETERMINATION\11075 WALDEN AVENUE_CONTAINED IN WORK PLAN.DOC

LaBella
Powered by partnership.

FIGURES



N

NOT TO SCALE

FIGURE 1
SITE LOCATION MAP

11075 Walden Avenue
Alden, New York

LaBella
Powered by partnership.

PROJECT NO. 2180605

Legend

- Approximate Site Boundary
- Phase II Soil Boring Location (6/9/17)
- Phase II Temporary Monitoring Well Location (6/12/17)
- Supplemental Phase II Soil Boring Location (8/7/17 and 10/5/17)
- Anticipated Limits of Chlorinated VOC Impacted Soil Excavation/AOC#2

PROJECT #/DRAWING #/DATE:	DRAWING NAME:	PROJECT:
2180605 FIGURE 2 4/4/2019	PREVIOUS SUBSURFACE INVESTIGATION LOCATIONS	CONTAINED-IN WORK PLAN 11075 WALDEN AVENUE ALDEN, NEW YORK

N W E S

0 40 80 Feet

1 inch = 100 feet

INTENDED TO PRINT AS: 8.5" X 11"

LaBella Powered by partnership.

Path: J:\Walden Realty\2180605 - 11075 Walden Ave BCP\Reports\Contained-In Determination\Figures\Map.2019.3.11.Fig3.AOC.mxd

LaBella
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TABLES

Table 1
11075 Walden Avenue
Alden, New York
Contained-In Determination Work Plan
Summary of Subsurface Soil Analytical Results
(Detected Analytes Only)

Sample ID	SB-1	SB-2	SB-3	SB-4	SB-6	SB-7	SB-8	SB-11	SB-12	SB-13A	SB-14	SB-16	SB-17	SB-17	SB-18	SB-19	SB-20	SB-21	SB-22	SB-23	SB-24	SB-25	SB-25	SB-26	SB-27	SB-28	SB-29	CP-51 SCG	Part 375 Commercial Use SCOs
Depth (ft bgs)	0.3-1	1-2	9-10	5-6	10-11	4-5	2-3	1-2	0.6-1	2-3	8-9	1-2	0.6-2	14-16	12-14	14-16	8-10	14-16	4-6	0.6-2	0.6-2	0.6-2	2-4	0.6-2	4-6	0.6-2	0.6-2		
Sample Date	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	8/7/2017	8/7/2017	8/7/2017	8/7/2017	8/7/2017	8/7/2017	8/7/2017	10/5/2017	10/5/2017	10/5/2017	10/5/2017	10/5/2017	10/5/2017	10/5/2017	10/5/2017		
Volatile Organic Compounds (µg/kg)																													
Acetone	2.7 J	NA	<	<	6.7 J	<	22	NA	NA	56	<	<	<	<	<	9 J	<	6.7 J	<	43	23	40	38	<	14	25	37	NL	<
Chlorobenzene	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	<	<	<	4.9	5.7	<	<	<	<	NL	500,000
Cyclohexane	0.44 J	NA	<	0.35 J	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	0.7 J	NL	NL
1,1-Dichloroethene	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	<	<	<	10	5.9	<	<	<	<	NL	500,000
cis-1,2-Dichloroethene	<	NA	<	<	<	<	<	NA	NA	<	1.1	<	120	<	140	<	<	<	<	56	29	<	7,600	<	0.9 J	0.45 J	24	NL	500,000
trans-1,2-Dichloroethene	<	NA	<	<	<	<	<	NA	NA	<	<	<	0.4 J	<	<	<	<	<	<	2.3 J	0.3 J	27	11	<	<	<	1.5 J	NL	500,000
Ethylbenzene	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	<	<	<	1.9 J	4.7	<	<	<	<	1,000	390,000
Isopropylbenzene	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	<	<	<	<	0.59 J	<	<	<	<	2,300	NL
Methylcyclohexane	0.58 J	NA	<	0.33 J	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	NL	NL
Methylene chloride	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	540 J B	19 J B	<	<	<	<	<	<	<	<	<	<	<	<	NL	500,000
Methyl ethyl ketone (2-Butanone)	<	NA	<	<	<	<	<	NA	NA	9.2	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	NL	500,000
4-Methyl-2-pentanone	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	<	<	<	<	1.9 J	<	<	<	<	NL	NL
Tetrachloroethene	1.3	NA	<	<	<	<	<	NA	NA	<	170	<	130,000	<	2,900	0.59 J	<	<	<	6,200	64,000	140,000	49,000	7,700	15 B	6.4 B	0.99 J B	NL	150,000
Toluene	0.24 J	NA	<	<	<	<	<	NA	NA	<	<	<	0.28 J	<	<	<	<	<	<	<	<	7	15	<	<	<	<	700	500,000
Trichloroethene	<	NA	<	<	<	<	<	NA	NA	<	5.6	<	21	<	82	<	<	<	<	44	8.1	<	1,900	4.1	<	<	<	NL	200,000
Vinyl Chloride	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	<	<	<	4.1	35	<	<	<	2.4 J	NL	13,000
Total Xylenes	<	NA	<	<	<	<	<	NA	NA	<	<	<	<	<	<	<	<	<	<	<	<	7.3	22	<	<	<	<	260	500,000
Metals (mg/kg)																													
Arsenic	2.4 J	4.87	NA	NA	NA	NA	NA	2.06	4.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NL	16
Barium	22.6	104	NA	NA	NA	NA	NA	11.3	38.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NL	400
Cadmium	0.107	0.307 J	NA	NA	NA	NA	NA	0.715	0.158 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NL	9.3
Chromium	7.37	8.84	NA	NA	NA	NA	NA	9.38	15.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NL	400/1,500*
Lead	8.2	20.4	NA	NA	NA	NA	NA	20.3	18.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NL	1,000
Mercury	<	0.04 J	NA	NA	NA	NA	NA	<	0.02 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NL	2.8
Selenium	0.4 J	0.627 J	NA	NA	NA	NA	NA	0.198 J	0.869 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NL	1,500

CP-51 SCG = New York State Department of Environmental Conservation (NYSDEC) Commissioner Policy-51 (CP-51) Soil Cleanup Guidance (SCG) for Gasoline and Fuel Oil Contaminated Soils, Tables 2 and 3 (December 2010)

Part 375 Commercial Use SCOs = NYSDEC Part 375 Commercial Use Soil Cleanup Objectives (SCOs), Table 375-6.8(b) (December 2006)

< = Not detected

NL = Not listed

NA = Not analyzed

ft bgs = Feet below the ground surface

µg/kg = Micrograms per kilogram

mg/kg = Milligrams per kilogram

J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

* = Chromium, hexavalent/Chromium, trivalent (The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.)

B = The compound was found in the blank and sample.

Table 2

11075 Walden Avenue

Alden, New York 14004

Contained-In Determination Work Plan

Summary of Groundwater Analytical Results

(Detected Analytes Only)

Sample ID	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	NYSDEC TOGS
Sample Date	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	
Volatile Organic Compounds (ug/L)										
Acetone	18	110	18	63	58	76	62	47	30	50
Benzene	0.34 J	0.34 J	0.5	0.23 J	0.38 J	0.24 J	<	0.28 J	0.18 J	1
Carbon Disulfide	1.3 J	3 J	<	1.8 J	13	<	<	3.6 J	<	NL
Cyclohexane	<	<	0.43 J	<	0.41 J	<	<	<	<	NL
2-Hexanone	<	<	<	<	<	<	2 J	<	<	50
Methylcyclohexane	<	<	0.63 J	<	<	<	<	<	<	NL
Methyl ethyl ketone (2-Butanone)	<	27	4.2 J	15	11	14	14	12	5.8	50
Tetrachloroethene	0.36 J	<	0.31 J	<	<	<	<	0.89	<	5
Toluene	<	<	0.75 J	<	<	<	<	<	<	5

NYSDEC TOGS = New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (June 1998)

< = Not detected

NL = Not listed

J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

ug/L = Micrograms per liter

Concentrations in gray exceed NYSDEC TOGS

PHASE II ESA SUBSURFACE LOGS

LABELLA Associates | Engineering Architecture Environmental Planning

300 Pearl Street, Suite 130
Buffalo, NY 14202

TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-1

Sheet 1 of 1
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski

TIME: 900 to 1000
DATUM:
START DATE: 6/8/17 END DATE: 6/8/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0.3-1		10"	5.3	0.3'	No odors or staining	0-0.3' Asphalt parking lot surface.
1-2		10"	1.8	1'	" "	0.3'-1' Brown Silty clay w/ trace gravel & concrete
2-3		10"	1.4	-	" "	1'-5' Brownish Red Silty clay w/ trace gravel (HS, LP, MJ).
3-4		10"	1.8	-	" "	5'-7' Brownish Red Silty clay w/ trace gravel (HP, MS, Sat)
4-5		10"	0.7	5'	" "	7'-12' Brownish Red Silty clay (HS, LP, MJ).
5-6		12"	1.7	-	" "	12'-15' Brown Silty clay w/ trace gravel (LP, LS, Sat).
6-7		12"	1.2	7'	" "	
7-8		12"	2.1	-	" "	
8-9		12"	1.9	-	" "	
9-10		12"	1.8	-	" "	
10-11		12"	0.8	-	" "	
11-12		12"	1.3	12'	" "	
12-13		12"	1.2	-	" "	
13-14		12"	1.4	-	" "	
14-15		12"	1.1	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/8/17	15'	YES	MW-1

NOTES:- GW @ 12'
- Fill material to 1'
- Tons of water in the well.

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300 Pearl Street, Suite 130
Buffalo, NY 14202

TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-2

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski

TIME: ~~1005~~ to 1100
DATUM:
START DATE: 6/8/17 END DATE: 6/8/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0.3-1		9.6"	1.3	0.8'	No Staining or Odors	0 -0.3' Asphalt Surface
1-2		9.6"	0.9	1'	" "	0.3'-1' Brown Silty clay
2-3		9.6"	1.4	-	" "	w/ trace gravel & rock
3-4		9.6"	1.4	-	" "	1'-5' Brownish Red Silty clay
4-5		9.6"	1.0	5'	" "	w/ trace gravel (MP, MS, wet
5-6		12"	1.7	-	" "	5'- 9' Brownish Red Silty clay
6-7		12"	2.1	-	" "	(MP, MS, Sat).
7-8		12"	2.2	-	" "	9'-15' Brownish Red Clay
8-9		12"	1.7	9'	" "	(LP, HS, M).
9-10		12"	1.8	-	" "	
10-11		10.8"	1.8	-	" "	
11-12		10.8"	0.9	-	" "	
12-13		10.8"	1.3	-	" "	
13-14		10.8"	0.8	-	" "	
14-15		10.8"	1.8	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/8/17	15'	NO	—

NOTES: GW @ 5'
- Fill material to 1'

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Buffalo, NY 14202

TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-3

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski
START DATE: 6/8/17 END DATE: 6/8/17
TIME: 1100 to 1200
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		-	-	-	-	0-0.3' Asphalt surface 0.3'-0.6' Asphalt Subbase material [Angular Gravel] 0.6'-15' Brownish Red Silty Clay (LP, HS, M).
1-2		-	-	-	-	
2-3		-	-	-	-	
3-4		-	-	-	-	
4-5		-	-	-	-	
5-6		12"	1.5	-	No staining or odors	
6-7		12"	1.7	-	" "	
7-8		12"	1.6	-	" "	
8-9		12"	1.6	-	" "	
9-10		12"	2.1	-	" "	
10-11		12"	2.0	-	" "	
11-12		12"	1.4	-	" "	
12-13		12"	1.4	-	" "	
13-14		12"	1.4	-	" "	
14+5		12"	1.1	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/8/17	12'	yes	MW-2

NOTES: No fill encountered
- GW not
- 0'-5' = No recovery

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TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-4

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski

TIME: 1215 to 1380
DATUM:
START DATE: 6/8/17 END DATE: 6/8/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		6"	0.8	0.3'	No staining or odors	0-0.3' Asphalt Surface and subbase material (Angular gravel)
1-2		6"	3.0	-	" "	0.3'-5' Brownish Red Silty clay (MP, MS, M).
2-3		6"	2.6	-	" "	
3-4		6"	2.4	-	" "	
4-5		6"	2.8	5'	" "	5'-15' Brownish Red Silty clay (MP, MS, Sat).
5-6		12"	3.3	-	" "	
6-7		12"	3.1	-	" "	
7-8		12"	1.6	-	" "	
8-9		12"	2.4	-	" "	
9-10		12"	2.0	-	" "	
10-11		12"	3.0	-	" "	
11-12		12"	2.5	-	" "	
12-13		12"	2.2	-	" "	
13-14		12"	2.6	-	" "	
14-15		12"	2.5	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/8/17	14.6	Yes	MW-3

NOTES: -No fill material
-A lot of water in boring

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TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-5

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski

TIME: 1480 to 1800
DATUM:
START DATE: 6/8/17 END DATE: 6/8/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		9.6"	1.5	0.6'	NO staining or odors	0-0.6' Asphalt & Subbase material (Angular gravel).
1-2		9.6"	1.8	-	" "	
2-3		9.6"	2.8	-	" "	0.6'-15' Brown Silty Clay (HS, LP, M).
3-4		9.6"	3.3	-	" "	
4-5		9.6"	1.7	-	" "	
5-6		12"	3.2	-	" "	
6-7		12"	2.6	-	" "	
7-8		12"	2.1	-	" "	
8-9		12"	2.0	-	" "	
9-10		12"	2.6	-	" "	
10-11		12"	2.9	-	" "	
11-12		12"	2.7	-	" "	
12-13		12"	2.2	-	" "	
13-14		12"	1.6	-	" "	
14-15		12"	2.6	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/8/17	15'	NO	-

NOTES: - NO fill material
- NO GW encountered

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TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-6

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski

TIME: ~~1500~~ to 1545
DATUM:
START DATE: 6/8/17 END DATE: 6/8/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		10"	3.5	0.3'	No Staining or Odors	0-0.3' Asphalt & Subbase material (angular gravel).
1-2		10"	1.8	-	" "	0.3'-15' Brownish Red clay w/ trace gravel (HS, LP, M).
2-3		10"	1.5	-	" "	
3-4		10"	1.8	-	" "	
4-5		10"	1.8	-	" "	
5-6		12"	3.1	-	" "	
6-7		12"	3.0	-	" "	
7-8		12"	3.4	-	" "	
8-9		12"	3.8	-	" "	
9-10		12"	4.5	-	" "	
10-11		12"	5.0	-	" "	
11-12		12"	3.6	-	" "	
12-13		12"	2.6	-	" "	
13-14		12"	2.8	-	" "	
14-15		12"	3.0	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/8/17	15'	Yes	MW-4

NOTES: - Fill not encountered
- GW not encountered

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TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-1

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski
START DATE: 6/8/17 END DATE: 6/8/17
TIME: 1700 to 1730
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		12"	-	1'	No Staining or odors	0-1' Asphalt & Subbase material (Angular gravel).
1-2		12"	2.6	-	" "	
2-3		12"	2.2	-	" "	1'-10' Brownish Red Silty Clay (MP, MS, M).
3-4		12"	2.7	-	" "	
4-5		12"	2.8	-	" "	
5-6		12"	2.5	-	" "	10'-15' Brown Clay (MS, MP, M)
6-7		12"	2.5	-	" "	
7-8		12"	1.5	-	" "	
8-9		12"	1.9	-	" "	
9-10		12"	2.1	10'	" "	
10-11		12"	2.3	-	" "	
11-12		12"	2.4	-	" "	
12-13		12"	1.8	-	" "	
13-14		12"	1.9	-	" "	
14-15		12"	1.6	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	15'	Yes	MW-5

NOTES: Very tight clays
- NO GW encountered
- NO fall encountered

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TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-8
Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski
START DATE: 6/8/17 END DATE: 6/8/17
TIME: 1730 to 1815
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		12"	2.1	0.3'	No Staining or odors	0-0.3' Asphalt and Subbase material (Angular gravel)
1-2		12"	2.9	-	" "	
2-3		12"	3.1	3'	" "	0.3'- 3' Brownish Black Silty clay (MP, MS, M).
3-4		12"	2.6	-	" "	
4-5		12"	2.4	-	" "	
5-6		12"	2.1	-	" "	3'-15' Brownish Red Clay w/ trace gravel (HS, LP, M).
6-7		12"	2.2	-	" "	
7-8		12"	1.9	-	" "	
8-9		12"	2.4	-	" "	
9-10		12"	2.1	-	" "	
10-11		12"	1.4	-	" "	
11-12		12"	1.8	-	" "	
12-13		12"	2.1	-	" "	
13-14		12"	2.0	-	" "	
14-15		12"	1.9	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	15'	Yes	MW-6

NOTES: - Very tight clays
- Rill not encountered.

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TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-9

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski

TIME: ~~745~~ to 800
DATUM:
START DATE: 6/9/17 END DATE: 6/9/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		10.8"	3.7	0.6'	NO Staining or odors	0-0.6' Concrete surface 0.6'-1' Brown Silty clay w/ trace gravel 1-5' Brown Silty clay (MP, MS, M) 5'-15' Brownish Red Silty clay w/ trace gravel (MP, MS, M).
1-2		10.8"	3.4	1'	" "	
2-3		10.8"	6.4	-	" "	
3-4		10.8"	5.4	-	" "	
4-5		10.8"	3.2	5'	" "	
5-6		12"	3.8	-	" "	
6-7		12"	3.2	-	" "	
7-8		12"	3.8	-	" "	
8-9		12"	3.3	-	" "	
9-10		12"	3.2	-	" "	
10-11		12"	5.6	-	" "	
11-12		12"	5.1	-	" "	
12-13		12"	3.1	-	" "	
13-14		12"	3.9	-	" "	
14-15		12"	3.9	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	15'	NO	-

NOTES: 18th boring inside Site Building

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TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-10

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski

TIME: 800 to 820
DATUM:
START DATE: 6/9/17 END DATE: 6/9/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		7.2"	1.8	0.6'	No staining or odors	0-0.6' Concrete Surface
1-2		7.2"	1.9	1'	" "	0.6'-1' Brown Silty Clay w/ trace gravel
2-3		7.2"	2.5	-	" "	1'-15' Brownish Red Silty Clay w/ trace gravel (MP, MS, M).
3-4		7.2"	2.0	-	" "	
4-5		7.2"	1.6	-	" "	
5-6		12"	2.6	-	" "	
6-7		12"	2.7	-	" "	
7-8		12"	2.0	-	" "	
8-9		12"	2.5	-	" "	
9-10		12"	1.8	-	" "	
10-11		12"	2.3	-	" "	
11-12		12"	2.1	-	" "	
12-13		12"	2.5	-	" "	
13-14		12"	2.5	-	" "	
14-15		12"	2.3	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	15'	NO	-

NOTES: 10'-15' - there was some water in the Silts & Sand was under pressure.
-NO dill encountered

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Buffalo, NY 14202

TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-11

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski

TIME: 830 to 845
DATUM:
START DATE: 6/9/17 END DATE: 6/9/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		12"	2.4	0.6'	No Staining or Odors	0-0.6' Concrete Surface 0.6'-2' Brown Silty Clay w/ trace gravel, brick, crushed concrete. 2'-9' Brownish Red Silty Clay (LPS, LP, M) Refusal @ 9.1
1-2		12"	3.8	2'	" "	
2-3		12"	2.2	-	" "	
3-4		12"	1.6	-	" "	
4-5		12"	1.4	-	" "	
5-6		12"	2.1	-	" "	
6-7		12"	1.8	-	" "	
7-8		12"	2.4	-	" "	
8-9		12"	2.3	9'	" "	
9-10		12"	2.2	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	9.1	NO	-

NOTES: * Brick / concrete chunch at bottom of core.
- Fill to 2'

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TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-12
Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski
START DATE: 6/9/17 END DATE: 6/9/17
TIME: ~~8~~ 845 to 900
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		9.6"	4.8	0.6'	No Staining or Odors	0-0.6' Concrete Surface
1-2		9.6"	3.3	2'	" "	0.6-2' Brown Silty Clay w/ trace gravel, brick, crushed concrete.
2-3		9.6"	2.2	-	" "	2'-15' Brownish Red Silty Clay w/ trace gravel (M Pl, MS M).
3-4		9.6"	2.0	-	" "	
4-5		9.6"	1.2	-	" "	
5-6		12"	1.3	-	" "	
6-7		12"	1.8	-	" "	
7-8		12"	2.3	-	" "	
8-9		12"	2.5	-	" "	
9-10		12"	2.5	-	" "	
10-11		12"	1.9	-	" "	
11-12		12"	1.8	-	" "	
12-13		12"	2.3	-	" "	
13-14		12"	1.9	-	" "	
14-15		12"	1.8	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	15'	NO	-

NOTES: Fill to 2'
very tight clays

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Buffalo, NY 14202

TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-13
Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski
TIME: 1055 to 1100
DATUM:
START DATE: 6/9/17 END DATE: 6/9/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		7.2"	1.2	0.3'	NO staining or odors	0-0.3' Grass surface & topsoil
1-2		7.2"	1.3	-	" "	
2-3		7.2"	1.8	-	" "	0.3'-4' Brownish Black Silty clay (LP, LS, Wet).
3-4		7.2"	1.4	4'	" "	
4-5		7.2"	1.6	5'	" "	4'-5' Brown silty clay w/ trace gravel
5-6		1"	-	-	" "	5.1 - Hit refusal. Rock in bottom of core.

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	5.1	NO	-

NOTES: - will move north 4-5' and try again.

LABELLA Associates — Engineering, Architecture, Environmental, Planning
300 Pearl Street, Suite 130
Buffalo, NY 14202

TEST BORING LOG
Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-18A
Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski
START DATE:
END DATE:
TIME: 1100 to 1145
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		7.2"	0.0	0.3'	No Staining or odors	0-0.3'- Grass and topsoil
1-2		7.2"	0.0	-	" "	0.3'-4' Brownish Black Silty Clay (MP, MS, Wet).
2-3		7.2"	0.0	-	" "	
3-4		7.2"	0.0	4'	" "	4'-6' Brownish Red Silty Clay (MP, MS, Wet).
4-5		7.2"	0.0	-	" "	
5-6		12"	0.0	6'	" "	6'-15' Brownish Red Silty Clay (LP, HS, M).
6-7		12"	0.0	-	" "	
7-8		12"	0.0	-	" "	
8-9		12"	0.0	-	" "	
9-10		12"	0.0	-	" "	
10-11		12"	0.0	-	" "	
11-12		12"	0.0	-	" "	
12-13		12"	0.0	-	" "	
13-14		12"	0.0	-	" "	
14-15		12"	0.0	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	15'	Yes	MW-7

NOTES:
- Very tight clays - Macro core was overpacking.

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Buffalo, NY 14202

TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-14
Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski
START DATE: 6/9/17 END DATE: 6/9/17
TIME: 1215 to 1245
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		10.0"	0.0	0.6'	No staining or odors	0-0.6' Grass surface & topsoil.
1-2		10"	0.0	-	" "	0.6'-9' Brownish Red Silty Clay w/ trace gravel. (HS, LP, M)
2-3		10"	0.0	-	" "	
3-4		10"	0.0	-	" "	
4-5		10"	0.0	-	" "	
5-6		10.2"	0.0	-	" "	
6-7		10.2"	0.0	-	" "	9'-10.5' Brownish Red Silty Clay w/ trace gravel (MP, MS, wet).
7-8		10.2"	0.0	-	" "	
8-9		10.2"	0.0	9'	" "	
9-10		10.2"	0.0	10'	" "	10.5'-15' Brownish Red Silty Clay w/ trace gravel (LP, HS, M)
10-11		12"	0.0	10.5'	" "	
11-12		12"	0.0	-	" "	
12-13		12"	0.0	-	" "	
13-14		12"	0.0	-	" "	
14-15		12"	0.0	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	15'	Yes	MW-8

NOTES: - Fill not encountered.
- GW encountered @ 10'

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Buffalo, NY 14202

TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-15

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski

TIME: 1300 to 1330
DATUM:
START DATE: 6/9/17 END DATE: 6/9/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		11.2"	0.0	0.3'	No Staining or Odors	0-0.3' Grass and topsoil 0.3'-15' Brownish Red silty clay w/ trace gravel. (MP, MS, M)
1-2		11.2"	0.0	-	" "	
2-3		11.2"	0.0	-	" "	
3-4		11.2"	0.0	-	" "	
4-5		11.2"	0.0	-	" "	
5-6		12"	0.0	-	" "	
6-7		12"	0.0	-	" "	
7-8		12"	0.0	-	" "	
8-9		12"	0.0	-	" "	
9-10		12"	0.0	-	" "	
10-11		12"	0.0	-	" "	
11-12		12"	0.0	-	" "	
12-13		12"	0.0	-	" "	
13-14		12"	0.0	-	" "	
14-15		12"	0.0	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	15'	NO	—

NOTES: -very tight clays

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Buffalo, NY 14202

TEST BORING LOG

Phase II ESA
11075 Walden Avenue
Lancaster, New York

BORING: SB-16

Sheet 1 of
JOB:
Checked by:

CONTRACTOR: LaBella LLC
DRILLER: M. Windrel Jr.
LABELLA REPRESENTITIVE: J Dombrowski

TIME: ~~1345~~ to
DATUM:
START DATE: 6/9/17 END DATE: 6/9/17

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~ 1.8-Inch
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0-1		12"	0.0	0.6'	No staining or odors	0-0.6' Grass & topsoil 0.6'-3' Brownish Red Silty Clay (LP, MS, wet) 3'-15' Brownish Red Silty Clay w/ trace gravel (HS, LP, M).
1-2		12"	0.0	-	" "	
2-3		12"	0.0	3'	" "	
3-4		12"	0.0	-	" "	
4-5		12"	0.0	-	" "	
5-6		12"	0.0	-	" "	
6-7		12"	0.0	-	" "	
7-8		12"	0.0	-	" "	
8-9		12"	0.0	-	" "	
9-10		12"	0.0	-	" "	
10-11		12"	0.0	-	" "	
11-12		12"	0.0	-	" "	
12-13		12"	0.0	-	" "	
13-14		12"	0.0	-	" "	
14-15		12"	0.0	-	" "	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID
6/9/17	15'	yes	MW-9

NOTES:

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300 Pearl Street, Suite 130

TEST BORING LOG

Phase II ESA

11075 Walden Avenue,
Alden, New York

BORING: SB-17

Sheet 1 of 1
JOB: 2171935
Checked by:

CONTRACTOR: Nature's Way
DRILLER:
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 8/7/17
END DATE: 8/7/17
TIME: 8:35 to 9:40
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0.6-2		6	158		No odors or staining	0-0.6 concrete slab
2-4		6	27		No odors or staining	0.6-2 brown clay silt (m,m)
4-6		24	59		No odors or staining	2-4 gray clay silt (m, m)
6-8		24	20.2		No odors or staining	4-6 brown gray clay silt (m,m)
8-10		22	40.3		No odors or staining	6-8 red brown clay silt (m,m)
10-12		22	57.2		No odors or staining	8-12 red brown clay (l, stiff, m)
12-14		24	8.9		Metallic odor No staining	12-16 gray clay (m,stiff,m)
14-16		24	31.2			

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Sample collected at 0.6-2 ft bgs and 14-16 ft bgs

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TEST BORING LOG

Phase II ESA

11075 Walden Avenue,
Alden, New York

BORING: SB-18

Sheet 1 of 1
JOB: 2171935
Checked by:

CONTRACTOR: Nature's Way
DRILLER:
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 8/7/17
END DATE: 8/7/17
TIME: 9:45 to 10:35
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0.6-2		10	4.4		No odors or staining	0-0.6 concrete slab
2-4		10	4.4		No odors or staining	0.6-1 white grey gravel fill
4-6		24	2.6		No odors or staining	1-4 brown clay silt (m,m)
6-8		24	4.3		No odors or staining	2-4 gray clay silt (m, m)
8-10		24	5.9		No odors or staining	4-12 red brown clay (m, stiff, m)
10-12		24	8.2		No odors or staining	12-16 Brown clay (m,stiff,m)
12-14		24	10		No odors or staining	
14-16		24	4.7		No odors or staining	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Sample collected at 12-14 ft bgs

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TEST BORING LOG

Phase II ESA

11075 Walden Avenue,
Alden, New York

BORING: SB-19

Sheet 1 of 1
JOB: 2171935
Checked by:

CONTRACTOR: Nature's Way
DRILLER:
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 8/7/17
END DATE: 8/7/17
TIME: 13:40 to 14:54
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0.6-2		20	0.9		No odors or staining	0-0.2 grass
2-4		20	0.7		No odors or staining	0.2-4 brown red clay silt (m,m)
4-6		24	1.4		No odors or staining	4-8 brown red clay (m, stiff, m)
6-8		24	1.2		No odors or staining	8-16 brown clay (m, stiff, m)
8-10		24	1.1		No odors or staining	
10-12		24	0.4		No odors or staining	
12-14		24	0.9		No odors or staining	
14-16		24	1.8		No odors or staining	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Sample collected at 14-16 ft bgs

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TEST BORING LOG

Phase II ESA

11075 Walden Avenue,
Alden, New York

BORING: SB-20

Sheet 1 of 1
JOB: 2171935
Checked by:

CONTRACTOR: Nature's Way
DRILLER:
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 8/7/17
END DATE: 8/7/17
TIME: 15:05 to 15:50
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0.6-2		24	0.3		No odors or staining	0-0.2 grass 0.2-4 brown clay (m, stiff, m)
2-4		24	0.5		No odors or staining	4-6 brownish red clay (m, stiff, m)
4-6		24	0		No odors or staining	6-8 brown gray red clay (m, stiff, m)
6-8		24	0		No odors or staining	8-10 brown red clay (m, stiff, m)
8-10		24	1.6		No odors or staining	10-12 gray brown clay (m, stiff, m)
10-12		24	1.0		No odors or staining	12-16 brown red clay (m, stiff, m)
12-14		24	0		No odors or staining	
14-16		24	0		No odors or staining	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Sample collected at 8-10 ft bgs

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300 Pearl Street, Suite 130

TEST BORING LOG

Phase II ESA

11075 Walden Avenue,
Alden, New York

BORING: SB-21

Sheet 1 of 1
JOB: 2171935
Checked by:

CONTRACTOR: Nature's Way
DRILLER:
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 8/7/17
END DATE: 8/7/17
TIME: 16:00 to 17:15
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0.6-2		24	1.8		No odors or staining	0-0.2 grass
2-4		24	1		No odors or staining	0.2-0.8 brown black clay silt (m, m)
4-6		22	0.4		No odors or staining	0.8-2 brown red clay silt (m, m)
6-8		22	0.2		No odors or staining	2-4 brown gray clay (m, stiff, m)
8-10		24	0		No odors or staining	4-6 brown orange clay (m, stiff, m)
10-12		24	0		No odors or staining	6-7 gray clay (m, stiff, m)
12-14		24	0.9		No odors or staining	7-8 brown red clay (m, stiff, m)
14-16		24	1.2		No odors or staining	8-10 brown gray clay (m, stiff, m)
						10-12 brown red clay (m, stiff, m)
						12-14 gray clay (m, m, m)
						14-16 gray clay (m, wet, m)

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Sample collected at 14-16 ft bgs
Rained at 16:52

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300 Pearl Street, Suite 130

TEST BORING LOG

Phase II ESA

11075 Walden Avenue,
Alden, New York

BORING: SB-22

Sheet 1 of 1
JOB: 2171935
Checked by:

CONTRACTOR: Nature's Way
DRILLER:
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 8/7/17
END DATE: 8/7/17
TIME: 17:35 to 18:00
DATUM:

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (FT)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY	PID FIELD SCREEN (PPM)	STRATA CHANGE		
0.6-2		20	2.1		No odors or staining	0-0.2 grass
2-4		20	0.7		No odors or staining	0.2-2 brown red clay silt (m, m)
4-6		24	2.1		No odors or staining	2-4 brown gray clay (m, stiff, m)
6-8		24	1		No odors or staining	4-6 red brown clay silt (m,m)
8-10		24	0.9		No odors or staining	6-12 brown clay mixed with gravel (m, stiff, m)
10-12		24	0.5		No odors or staining	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Refusal at 12 ft bgs

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300 Pearl Street, Suite 130

TEST BORING LOG

Phase II ESA

11075 Walden Avenue, Alden, New York

BORING: SB-23

Sheet 1 of 1
JOB: 217935
Checked by:

CONTRACTOR: LaBella Envir. LLC
DRILLER: Matt Pepe
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 10/5/17 END DATE: 10/5/17
TIME: 10:45 to
DATUM:

TYPE OF DRILL RIG: 54 LT
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
0.6-2		18	1.4		No odors or staining	0-0.6 – concrete slab
2-4		18	0.1		No odors or staining	0.-6-2 brown clay mixed with gravel (m,m,m)
4-6		24	0.1		No odors or staining	2-6 brown clay (l,st,m)
6-8		24	0.3		No odors or staining	6-10 brown red clay (l,st,m)
8-10		16	0.3		No odors or staining	10-11 brown clay (l,st,m)
10-11		16	0.1		No odors or staining	
					No odors or staining	

GROUNDWATER ENCOUNTERED			
DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Refusal @ 11 ft due to laminated clays
Sample collected at 0.6-2 ft

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TEST BORING LOG

Phase II ESA

11075 Walden Avenue, Alden, New York

BORING: SB-24

Sheet 1 of 1
JOB: 217935
Checked by:

CONTRACTOR: LaBella Envir. LLC
DRILLER: Matt Pepe
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 10/5/17 END DATE: 10/5/17
TIME: 11:30 to
DATUM:

TYPE OF DRILL RIG: 54 LT
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
0.6-2		12	13.4		No odors or staining	0-0.6 – concrete slab
2-4		12	2.8		No odors or staining	0.-6-2 brown clay mixed with gravel (m,m,m)
4-6		24	3.0		No odors or staining	2-4 brown clay (l,st,m)
6-8		24	12.4		No odors or staining	4-9.1 brown red clay (l,st,m)
8-9.1		12	2.2		No odors or staining	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Refusal @ 9.1 ft due to laminated clays
Sample collected at 0.6-2 ft

LABELLA Associates | Engineering Architecture Environmental Planning

300 Pearl Street, Suite 130

TEST BORING LOG

Phase II ESA

11075 Walden Avenue, Alden, New York

BORING: SB-25
Sheet 1 of 1
JOB: 217935
Checked by:

CONTRACTOR: LaBella Envir. LLC
DRILLER: Matt Pepe
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 10/5/17 END DATE: 10/5/17
TIME: 12:00 to
DATUM:

TYPE OF DRILL RIG: 54 LT
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
0.6-2		20	942		No odors or staining	0-0.6 – concrete slab
2-4		20	3,674		Strong solvent odor, no staining	0.-6-2 brown clay mixed with gravel (m,m,m) 2-4 gray clay silt (m,m)
4-6		24	524		Strong solvent odor, no staining	4-4.5 gray clay (l,st,m) 4.5-7.9 brown red clay (l,st,m)
6-7.9		23	275		Strong solvent odor, no staining	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Refusal @ 7.9 ft due to laminated clays
Sample collected at 0.6-2 ft and 2-4 ft

LABELLA Associates | Engineering Architecture Environmental Planning

300 Pearl Street, Suite 130

TEST BORING LOG

Phase II ESA

11075 Walden Avenue, Alden, New York

BORING: SB-26
Sheet 1 of 1
JOB: 217935
Checked by:

CONTRACTOR: LaBella Envir. LLC
DRILLER: Matt Pepe
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 10/5/17 END DATE: 10/5/17
TIME: 12:55 to
DATUM:

TYPE OF DRILL RIG: 54 LT
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
0.6-2		18	46.1		No odors or staining	0-0.6 – concrete slab
2-4		18	6.2		No odors or staining	0.-6-2 gray clay silt mixed with gravel (m,m,m)
4-6		20	15.4		No odors or staining	2-4 gray clay (l,st,m)
6-8		20	10.2		No odors or staining	4-8 red brown clay (l,st,m)
8-8.7		7	1.7		No odors or staining	8-8.7 gray brown clay (l,st,m)

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Refusal @ 8.7 ft due to laminated clays
Sample collected at 0.6-2 ft

LABELLA Associates — Engineering Architecture Environmental Planning 300 Pearl Street, Suite 130	**TEST BORING LOG** Phase II ESA 11075 Walden Avenue, Alden, New York	**BORING: SB-27** Sheet 1 of 1 **JOB:** 217935 Checked by:

CONTRACTOR: LaBella Envir. LLC
DRILLER: Matt Pepe
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 10/5/17 END DATE: 10/5/17
TIME: 13:45 to
DATUM:

TYPE OF DRILL RIG: 54 LT
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
0.6-2		18	4.4		No odors or staining	0-0.6 – concrete slab
2-4		18	4.6		No odors or staining	0.-6-2 brown gray clay silt mixed with gravel (m,m)
4-6		24	15.1		No odors or staining	2-4 brown clay (l,st,m)
6-7.8		24	4.2		No odors or staining	4-7.8 brown red clay (l,st,m)

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Refusal @ 7.8ft due to laminated clays
Sample collected at 4-6 ft

LABELLA Associates — Engineering Architecture Environmental Planning 300 Pearl Street, Suite 130	**TEST BORING LOG** Phase II ESA 11075 Walden Avenue, Alden, New York	**BORING: SB-28** Sheet 1 of 1 **JOB:** 217935 Checked by:

CONTRACTOR: LaBella Envir. LLC
DRILLER: Matt Pepe
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 10/5/17 END DATE: 10/5/17
TIME: 14:10 to
DATUM:

TYPE OF DRILL RIG: 54 LT
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
0.6-2		18	6.2		No odors or staining	0-0.6 – concrete slab
2-4		18	4.6		No odors or staining	0.-6-4 brown clay silt mixed with gravel (m,m)
4-6		23	1.7		No odors or staining	4-7.8 brown red clay (l,st,m)
6-7.8		23	1.2		No odors or staining	

GROUNDWATER ENCOUNTERED

DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Refusal @ 7.8ft due to laminated clays
Sample collected at 0.6-2 ft

LABELLA Associates — Engineering Architecture Environmental Planning 300 Pearl Street, Suite 130	**TEST BORING LOG** Phase II ESA 11075 Walden Avenue, Alden, New York	**BORING: SB-28** Sheet 1 of 1 **JOB:** 217935 Checked by:

CONTRACTOR: LaBella Envir. LLC
DRILLER: Matt Pepe
LABELLA REPRESENTITIVE: Shannon Dalton
START DATE: 10/5/17 END DATE: 10/5/17
TIME: 15:40 to
DATUM:

TYPE OF DRILL RIG: 54 LT
AUGER SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~
OTHER:

DEPTH (Feet)	BLOW COUNT	SAMPLE			REMARKS	VISUAL CLASSIFICATION
		SAMPLE RECOVERY (Inches)	PID FIELD SCREEN (Parts per million)	STRATA CHANGE		
0.6-2		15	4.4		No odors or staining	0-0.6 – concrete slab
2-4		15	3.8		No odors or staining	0.-6-1 brown clay silt mixed with gravel (m,m)
4-6		24	1.7		No odors or staining	1-4 brown gray clay (l,st,m)
6-7.8		24	1.4		No odors or staining	4-7.8 brown red clay (l,st,m)

GROUNDWATER ENCOUNTERED			
DATE	DEPTH	WELL INSTALLED	WELL ID

NOTES:
Refusal @ 7.8ft due to laminated clays
Sample collected at 0.6-2 ft

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

June 21, 2019

Mr. Chris Kibler
Project Manager
LaBella Associates
300 Pearl Street, Suite 130
Buffalo, NY 14202

RE: "Contained-In Determination" Request
11075 Walden Avenue, Alden, New York
BCP Site #C915333

Dear Mr. Kibler:

We have completed our review of the soil sampling data (Lab Sample ID: L1923828-01, L1923828-02 and L1923828-04) submitted with your June 10, 2019, request for a "contained-in" determination for the referenced project.

Concentrations detected for individual VOCs were all significantly less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Most of the individual VOCs were not detected above the detection limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for tetrachloroethene, trichloroethene, cis-1,2-dichloroethene, and 1,2-dichloroethene, Total detected in all soil samples (L1923828-01 and L1923828-02) were below the soil "contained-in" action level, the Land Disposal Restriction concentration. Therefore, Stockpiles 1 and 2, do not have to be managed as hazardous waste and can be transported off-site to a permitted solid waste landfill with liner and leachate collection system, for proper disposal as non-hazardous waste.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Henry Wilkie
Environmental Engineer
RCRA Permit Section

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

ec: A. Lopes, DER Region 9

Contained-In Determination
AOC #2

Location:

BCP Site #C915333
11075 Walden Avenue
Alden, New York

Prepared for:

Walden Realty Limited Partnership/Doritex Corp.
11980 Walden Avenue
Alden, New York

LaBella Project No. 2180605

June 10, 2019

Olympic Towers, 300 Pearl Street, Suite 130 | Buffalo, NY 14202 | p 716-551-6281 | f 716-551-6282
www.labellapc.com

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Figure 2 – Contained-In Sampling Locations

Tables Table 1 – Summary of Contained-In Determination Stockpile Soil Analytical Results

Appendix 1 Laboratory Report

1.0 INTRODUCTION

LaBella Associates D.P.C. ("LaBella") prepared this "Contained-In" Determination Report on behalf of Walden Realty Limited Partnership and Doritex Corp. (collectively, the "Client") for the property addressed as 11075 Walden Avenue, in the Town of Alden, Erie County, New York, hereinafter referred to as the "Site." It is the Client's intention to sell the Site for future potential commercial use (i.e. warehouse). The Site currently includes the Site Building located on the middle portion of the Site, asphalt-paved parking (impervious surfaces) located east and south of the Site Building, and greenspace located north and west of the Site Building and to the south beyond the asphalt-paved parking lot. A Site Location Map is included as Figure 1. The Site was recently accepted into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) under a "Participant" status (Site #C915333).

This "Contained-In" Determination report is being submitted to address soil waste which was generated during the implementation of interim remedial measures (IRMs) at the Site associated with Area of Concern (AOC) #2 (chlorinated solvent volatile organic compound (cVOC)-impacted soil). Such includes information on soil sampling and laboratory analysis completed at the Site as detailed and authorized by the NYSDEC, in the Contained-In Determination Work Plan prepared by LaBella dated April 4, 2019; and subsequent email correspondence between the NYSDEC and LaBella, dated April 18, 2019. This document was prepared in accordance with the "Contained-In" Criteria identified in NYSDEC Technical and Administrative Guidance Memorandum 3028.

2.0 SUMMARY OF INVESTIGATION

Soil was excavated from the limits of AOC #2 and separated into four piles, east exterior the Site Building, between May 29, and June 5, 2019. The approximate limits of the IRM excavation and locations of the soil stockpiles is depicted in Figure 2. Based on previous soil laboratory data submitted by LaBella and subsequently reviewed by the NYSDEC, soil collected from within the confines of the IRM excavation from approximately 0-2 feet below the ground surface (ft bgs) in the vicinity of previously-advanced soil borings SB-17, SB-24, and SB-25 was staged separately, and will be disposed of as hazardous waste. Soil generated from the remainder of the IRM excavation was segregated into three separate piles (Stockpiles 1 through 3) and is the subject of this "Contained-In" Determination Report.

Based on the anticipated volume of material which was generated during IRM activities and in comparison to NYSDEC, Division of Environmental Remediation-10 Table 5.4(e)10 *"Recommended Number of Soil Samples for Soil Imported To or Exported From a Site,"* the following samples were collected and placed in a cooler on ice, and sent under standard chain of custody procedures to Alpha Analytical in Westborough, Massachusetts.

Sample ID	Sample Depth (ft bgs)	Laboratory Analyses
Stockpile 1	2.5	- TCL VOCs - TCLP VOCs
Stockpile 2	3	
Stockpile 3	2	
Stockpile Composite	Not applicable	- TCLP SVOCS and metals, flashpoint, reactivity and corrosivity

TCL VOCs = Target Compound List (TCL) volatile organic compounds (VOCs) using United States Environmental Protection Agency (USEPA) Method 8260
TCLP VOCs = Toxicity Characteristic Leaching Procedure (TCLP) Total VOCS using USEPA Method 1311
TCLP SVOCS and metals, flashpoint, reactivity and corrosivity = TCLP semi-volatile organic compounds (SVOCs) and metals using USEPA Method 1311, flashpoint using USEPA Method 1030, reactivity using USEPA Method 7.3 and corrosivity using USEPA Method 9045

Laboratory soil analytical results for the soil samples collected and submitted for laboratory analysis are summarized in Table 1.

3.0 CONTAINED-IN REQUEST

This "Contained-In" Determination Report is being submitted to address soil waste generated during the implementation of the IRM at the Site associated with AOC #2 (cVOC-impacted soil). Per the contents of LaBella's IRM Work Plan, it was anticipated that approximately 200 tons of cVOC-impacted soil would be excavated for proper disposal off-site. LaBella respectively requests on behalf of its Client, for the NYSDEC to review the results contained herein, and the NYSDEC comment regarding the extent and/or limits of soil that can disposed of as non-hazardous waste amongst Stockpiles 1 through 3, versus soil requiring disposal as hazardous waste. While a specific facility has yet to be selected for non-hazardous and hazardous waste disposal; it is intended that non-hazardous soil generated as a result of IRM activities will be transported/disposed of at a locally-permitted waste disposal facility which operates with a 6 NYCRR Part 360 Permit. In addition, hazardous soil will be transported to an appropriate facility which accepts hazardous waste for disposal.

If you have any questions please do not hesitate to contact me at (716) 768-4906.

Sincerely,

LABELLA ASSOCIATES, D.P.C.

Chris Kibler Project Manager Environmental Professional	Shannon Dalton Environmental Analyst

J:\WALDEN REALTY\2180605 - 11075 WALDEN AVE BCP\REPORTS\CONTAINED-IN DETERMINATION\REPORT\DORITEX_CONTAINED IN REPORT.DOCX

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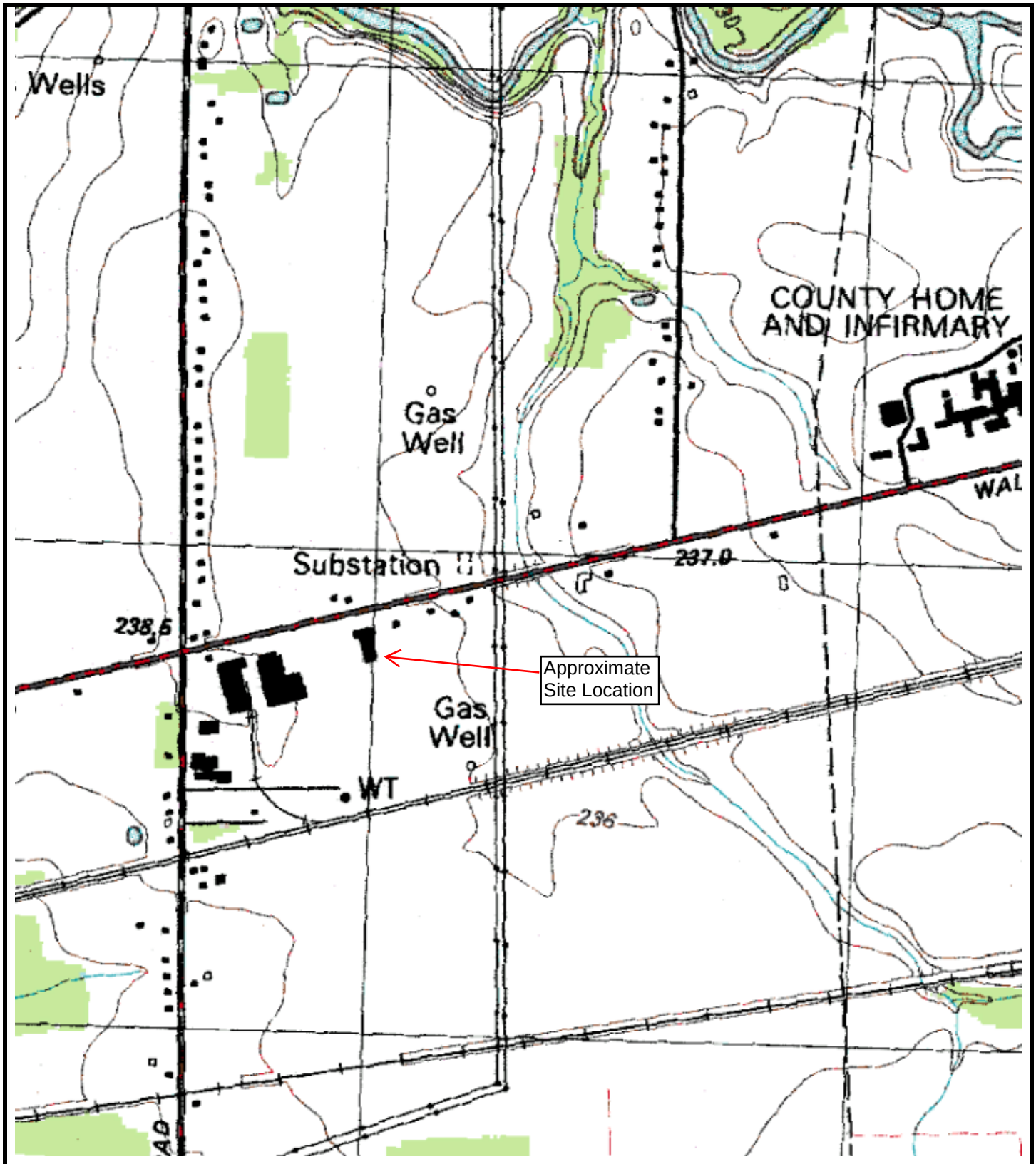
FIGURES



N

NOT TO SCALE

FIGURE 1
SITE LOCATION MAP

11075 Walden Avenue
Alden, New York

LaBella
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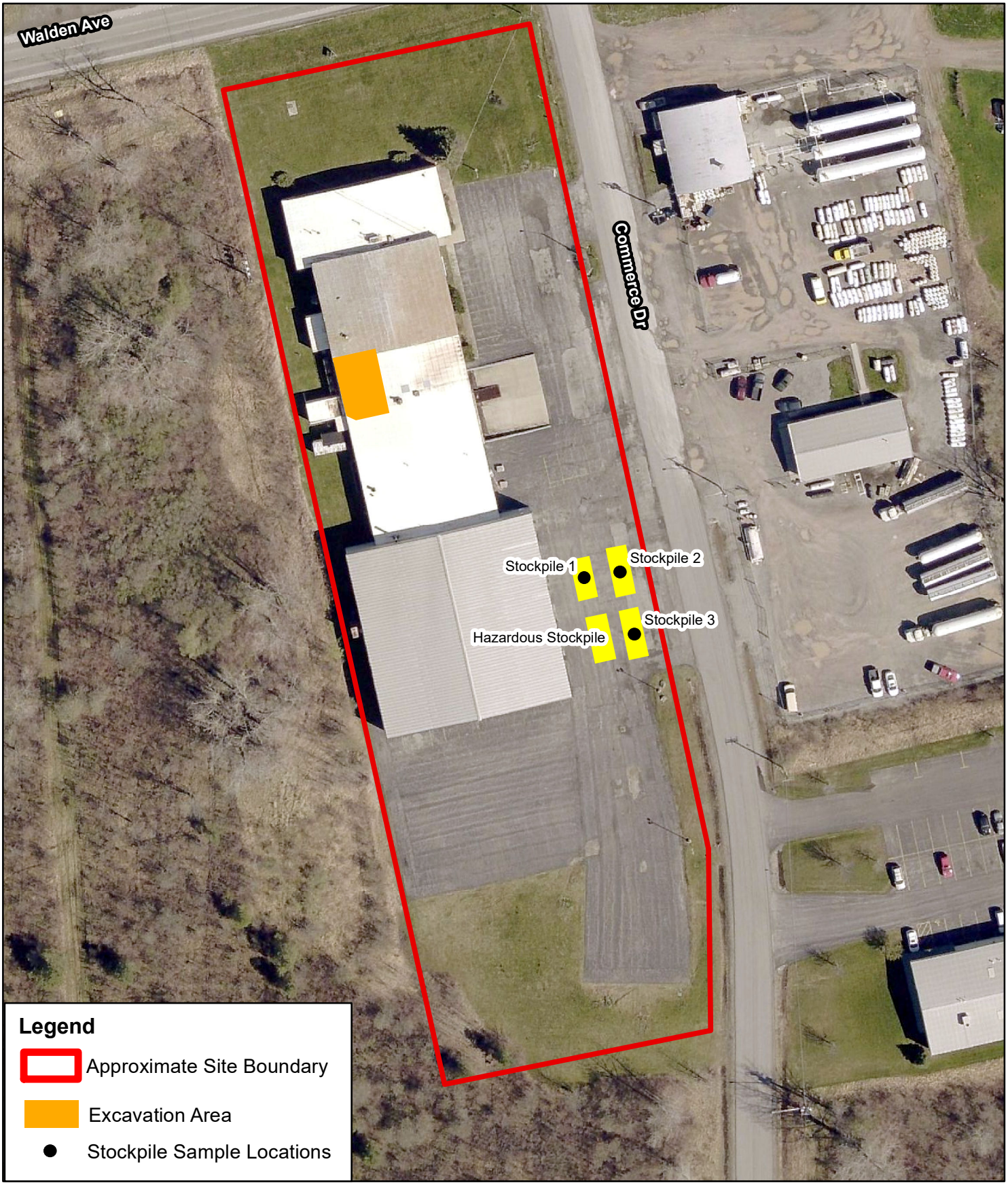
PROJECT NO. 2180605



Path: J:\Walden Realty\2180605 - 11075 Walden Ave BCP\Reports\Contained-In Determination\Report\Figures\Map.2019.6.10.Fig2.Contained In Map.mxd

PROJECT #/DRAWING #/DATE:

2180605

FIGURE 2

6/10/2019

DRAWING TITLE

CONTAINED-IN SAMPLING LOCATIONS

PROJECT:

CONTAINED-IN DETERMINATION

11075 WALDEN AVENUE
ALDEN, NEW YORK

N
W E
S

0 25 50 Feet

1 inch = 83 feet

INTENDED TO PRINT AS: 8.5" X 11"

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TABLES

Table 1

BCP Site #C915333

11075 Walden Avenue

Alden, New York

Contained-In Determination Report

Summary of Stockpile Soil Results

(Detected Analytes Only)

Sample ID	Stockpile 1	Stockpile 2	Stockpile 3	Stockpile Composite
Sample Date	6/5/2019	6/5/2019	6/5/2019	6/5/2019
Volatile Organic Compounds (µg/kg)				
Bromomethane	52 J	59 J	<	NA
cis-1,2-Dichloroethene	560	470	230	NA
trans-1,2-Dichloroethene	28 J	<	<	NA
1,2 -Dichloroethene	590 J	470	230	NA
Tetrachloroethene	6,700	3,900	14,000	NA
Trichloroethene	440	490	130	NA
1,2,4-Trimethylbenzene	23 J	<	<	NA
1,3,5-Trimethylbenzene	12 J	<	<	NA
TCLP Volatile Organic Compounds (µg/L)				
Tetrachloroethene	23	150	260	NA
Trichloroethene	<	3.7 J	3.5 J	NA
TCLP Semi-Volatile Organic Compounds (µg/L)				
Total SVOCs	NA	NA	NA	<
TCLP Metals (mg/L)				
Arsenic	NA	NA	NA	0.021 J
Barium	NA	NA	NA	0.457 J
Chromium	NA	NA	NA	0.023 J
Other				
Flashpoint (degrees f)	NA	NA	NA	NI
pH (SU)	NA	NA	NA	10.7
Cyanide reactive (mg/kg)	NA	NA	NA	<
Sulfide reactive (mg/kg)	NA	NA	NA	<

< = Not detected

NI = Not ignitable

NA = Not analyzed

ug/kg = Micrograms per kilogram

µg/L = Micrograms per liter

mg/L = miligrams per liter

f = Fahrenheit

SU = Standard units

mg/kg = Milligrams per kilogram

J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

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APPENDIX 1

Laboratory Report

ANALYTICAL REPORT

Lab Number:	L1923828
Client:	LaBella Associates, P.C. 300 Pearl Street Suite 252 Buffalo, NY 14202
ATTN:	Adam Zebrowski
Phone:	(716) 551-6281
Project Name:	11075 WALDEN AVE
Project Number:	2180605
Report Date:	06/07/19

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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

Project Name: 11075 WALDEN AVE
Project Number: 2180605

Lab Number: L1923828
Report Date: 06/07/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1923828-01	STOCKPILE 1	SOIL	11075 WALDEN AVE. ALDEN, NY	06/05/19 12:50	06/05/19
L1923828-02	STOCKPILE 2	SOIL	11075 WALDEN AVE. ALDEN, NY	06/05/19 13:00	06/05/19
L1923828-03	STOCKPILE 3	SOIL	11075 WALDEN AVE. ALDEN, NY	06/05/19 13:10	06/05/19
L1923828-04	STOCKPILE COMPOSITE	SOIL	11075 WALDEN AVE. ALDEN, NY	06/05/19 13:20	06/05/19

Project Name:	11075 WALDEN AVE	**Lab Number:**	L1923828
Project Number:	2180605	**Report Date:**	06/07/19

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:	11075 WALDEN AVE	**Lab Number:**	L1923828
Project Number:	2180605	**Report Date:**	06/07/19

Case Narrative (continued)

Report Submission

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

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

Authorized Signature: Melissa Cripps

Title: Technical Director/Representative Date: 06/07/19

ORGANICS

VOLATILES

Project Name: 11075 WALDEN AVE
Project Number: 2180605
Lab Number: L1923828
Report Date: 06/07/19

SAMPLE RESULTS

Lab ID: L1923828-01
Client ID: STOCKPILE 1
Sample Location: 11075 WALDEN AVE. ALDEN, NY
Date Collected: 06/05/19 12:50
Date Received: 06/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/07/19 08:35
Analyst: MM
Percent Solids: 85%
TCLP/SPLP Ext. Date: 06/06/19 15:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	23		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
dibromofluoromethane	99		70-130

Project Name: 11075 WALDEN AVE
Project Number: 2180605
Lab Number: L1923828
Report Date: 06/07/19

SAMPLE RESULTS

Lab ID: L1923828-01
Client ID: STOCKPILE 1
Sample Location: 11075 WALDEN AVE. ALDEN, NY
Date Collected: 06/05/19 12:50
Date Received: 06/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/06/19 12:29
Analyst: JC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	220	100	1
1,1-Dichloroethane	ND		ug/kg	44	6.3	1
Chloroform	ND		ug/kg	66	6.1	1
Carbon tetrachloride	ND		ug/kg	44	10.	1
1,2-Dichloropropane	ND		ug/kg	44	5.5	1
Dibromochloromethane	ND		ug/kg	44	6.1	1
1,1,2-Trichloroethane	ND		ug/kg	44	12.	1
Tetrachloroethene	6700		ug/kg	22	8.6	1
Chlorobenzene	ND		ug/kg	22	5.6	1
Trichlorofluoromethane	ND		ug/kg	180	30.	1
1,2-Dichloroethane	ND		ug/kg	44	11.	1
1,1,1-Trichloroethane	ND		ug/kg	22	7.3	1
Bromodichloromethane	ND		ug/kg	22	4.8	1
trans-1,3-Dichloropropene	ND		ug/kg	44	12.	1
cis-1,3-Dichloropropene	ND		ug/kg	22	6.9	1
1,3-Dichloropropene, Total	ND		ug/kg	22	6.9	1
Bromoform	ND		ug/kg	180	11.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	22	7.3	1
Benzene	ND		ug/kg	22	7.3	1
Toluene	ND		ug/kg	44	24.	1
Ethylbenzene	ND		ug/kg	44	6.2	1
Chloromethane	ND		ug/kg	180	41.	1
Bromomethane	52	J	ug/kg	88	25.	1
Vinyl chloride	ND		ug/kg	44	15.	1
Chloroethane	ND		ug/kg	88	20.	1
1,1-Dichloroethene	ND		ug/kg	44	10.	1
trans-1,2-Dichloroethene	28	J	ug/kg	66	6.0	1
Trichloroethene	440		ug/kg	22	6.0	1

Project Name: 11075 WALDEN AVE **Lab Number:** L1923828

Project Number: 2180605 **Report Date:** 06/07/19

SAMPLE RESULTS

Lab ID: L1923828-01 Date Collected: 06/05/19 12:50

Client ID: STOCKPILE 1 Date Received: 06/05/19

Sample Location: 11075 WALDEN AVE. ALDEN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	88	6.3	1
1,3-Dichlorobenzene	ND		ug/kg	88	6.5	1
1,4-Dichlorobenzene	ND		ug/kg	88	7.5	1
Methyl tert butyl ether	ND		ug/kg	88	8.8	1
p/m-Xylene	ND		ug/kg	88	24.	1
o-Xylene	ND		ug/kg	44	13.	1
Xylenes, Total	ND		ug/kg	44	13.	1
cis-1,2-Dichloroethene	560		ug/kg	44	7.7	1
1,2-Dichloroethene, Total	590	J	ug/kg	44	6.0	1
Styrene	ND		ug/kg	44	8.6	1
Dichlorodifluoromethane	ND		ug/kg	440	40.	1
Acetone	ND		ug/kg	440	210	1
Carbon disulfide	ND		ug/kg	440	200	1
2-Butanone	ND		ug/kg	440	97.	1
4-Methyl-2-pentanone	ND		ug/kg	440	56.	1
2-Hexanone	ND		ug/kg	440	52.	1
Bromochloromethane	ND		ug/kg	88	9.0	1
1,2-Dibromoethane	ND		ug/kg	44	12.	1
n-Butylbenzene	ND		ug/kg	44	7.3	1
sec-Butylbenzene	ND		ug/kg	44	6.4	1
tert-Butylbenzene	ND		ug/kg	88	5.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	130	44.	1
Isopropylbenzene	ND		ug/kg	44	4.8	1
p-Isopropyltoluene	ND		ug/kg	44	4.8	1
Naphthalene	ND		ug/kg	180	28.	1
n-Propylbenzene	ND		ug/kg	44	7.5	1
1,2,3-Trichlorobenzene	ND		ug/kg	88	14.	1
1,2,4-Trichlorobenzene	ND		ug/kg	88	12.	1
1,3,5-Trimethylbenzene	12	J	ug/kg	88	8.4	1
1,2,4-Trimethylbenzene	23	J	ug/kg	88	15.	1
Methyl Acetate	ND		ug/kg	180	42.	1
Cyclohexane	ND		ug/kg	440	24.	1
1,4-Dioxane	ND		ug/kg	3500	1500	1
Freon-113	ND		ug/kg	180	30.	1
Methyl cyclohexane	ND		ug/kg	180	26.	1

Project Name: 11075 WALDEN AVE
Lab Number: L1923828
Project Number: 2180605
Report Date: 06/07/19

SAMPLE RESULTS

Lab ID: L1923828-01
Client ID: STOCKPILE 1
Sample Location: 11075 WALDEN AVE. ALDEN, NY
Date Collected: 06/05/19 12:50
Date Received: 06/05/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	96		70-130

Project Name: 11075 WALDEN AVE
Project Number: 2180605
Lab Number: L1923828
Report Date: 06/07/19

SAMPLE RESULTS

Lab ID: L1923828-02
Client ID: STOCKPILE 2
Sample Location: 11075 WALDEN AVE. ALDEN, NY
Date Collected: 06/05/19 13:00
Date Received: 06/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/07/19 09:09
Analyst: MM
Percent Solids: 82%
TCLP/SPLP Ext. Date: 06/06/19 15:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	150		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	3.7	J	ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
dibromofluoromethane	101		70-130

Project Name: 11075 WALDEN AVE
Project Number: 2180605
Lab Number: L1923828
Report Date: 06/07/19

SAMPLE RESULTS

Lab ID: L1923828-02
Client ID: STOCKPILE 2
Sample Location: 11075 WALDEN AVE. ALDEN, NY
Date Collected: 06/05/19 13:00
Date Received: 06/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/06/19 12:55
Analyst: JC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	240	110	1
1,1-Dichloroethane	ND		ug/kg	48	7.0	1
Chloroform	ND		ug/kg	72	6.8	1
Carbon tetrachloride	ND		ug/kg	48	11.	1
1,2-Dichloropropane	ND		ug/kg	48	6.0	1
Dibromochloromethane	ND		ug/kg	48	6.8	1
1,1,2-Trichloroethane	ND		ug/kg	48	13.	1
Tetrachloroethene	3900		ug/kg	24	9.5	1
Chlorobenzene	ND		ug/kg	24	6.1	1
Trichlorofluoromethane	ND		ug/kg	190	34.	1
1,2-Dichloroethane	ND		ug/kg	48	12.	1
1,1,1-Trichloroethane	ND		ug/kg	24	8.1	1
Bromodichloromethane	ND		ug/kg	24	5.3	1
trans-1,3-Dichloropropene	ND		ug/kg	48	13.	1
cis-1,3-Dichloropropene	ND		ug/kg	24	7.6	1
1,3-Dichloropropene, Total	ND		ug/kg	24	7.6	1
Bromoform	ND		ug/kg	190	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	24	8.0	1
Benzene	ND		ug/kg	24	8.0	1
Toluene	ND		ug/kg	48	26.	1
Ethylbenzene	ND		ug/kg	48	6.8	1
Chloromethane	ND		ug/kg	190	45.	1
Bromomethane	59	J	ug/kg	97	28.	1
Vinyl chloride	ND		ug/kg	48	16.	1
Chloroethane	ND		ug/kg	97	22.	1
1,1-Dichloroethene	ND		ug/kg	48	11.	1
trans-1,2-Dichloroethene	ND		ug/kg	72	6.6	1
Trichloroethene	490		ug/kg	24	6.6	1

Project Name: 11075 WALDEN AVE **Lab Number:** L1923828

Project Number: 2180605 **Report Date:** 06/07/19

SAMPLE RESULTS

Lab ID: L1923828-02 Date Collected: 06/05/19 13:00

Client ID: STOCKPILE 2 Date Received: 06/05/19

Sample Location: 11075 WALDEN AVE. ALDEN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	97	7.0	1
1,3-Dichlorobenzene	ND		ug/kg	97	7.1	1
1,4-Dichlorobenzene	ND		ug/kg	97	8.3	1
Methyl tert butyl ether	ND		ug/kg	97	9.7	1
p/m-Xylene	ND		ug/kg	97	27.	1
o-Xylene	ND		ug/kg	48	14.	1
Xylenes, Total	ND		ug/kg	48	14.	1
cis-1,2-Dichloroethene	470		ug/kg	48	8.4	1
1,2-Dichloroethene, Total	470		ug/kg	48	6.6	1
Styrene	ND		ug/kg	48	9.5	1
Dichlorodifluoromethane	ND		ug/kg	480	44.	1
Acetone	ND		ug/kg	480	230	1
Carbon disulfide	ND		ug/kg	480	220	1
2-Butanone	ND		ug/kg	480	110	1
4-Methyl-2-pentanone	ND		ug/kg	480	62.	1
2-Hexanone	ND		ug/kg	480	57.	1
Bromochloromethane	ND		ug/kg	97	9.9	1
1,2-Dibromoethane	ND		ug/kg	48	13.	1
n-Butylbenzene	ND		ug/kg	48	8.1	1
sec-Butylbenzene	ND		ug/kg	48	7.0	1
tert-Butylbenzene	ND		ug/kg	97	5.7	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	140	48.	1
Isopropylbenzene	ND		ug/kg	48	5.3	1
p-Isopropyltoluene	ND		ug/kg	48	5.3	1
Naphthalene	ND		ug/kg	190	31.	1
n-Propylbenzene	ND		ug/kg	48	8.3	1
1,2,3-Trichlorobenzene	ND		ug/kg	97	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	97	13.	1
1,3,5-Trimethylbenzene	ND		ug/kg	97	9.3	1
1,2,4-Trimethylbenzene	ND		ug/kg	97	16.	1
Methyl Acetate	ND		ug/kg	190	46.	1
Cyclohexane	ND		ug/kg	480	26.	1
1,4-Dioxane	ND		ug/kg	3900	1700	1
Freon-113	ND		ug/kg	190	33.	1
Methyl cyclohexane	ND		ug/kg	190	29.	1

Project Name: 11075 WALDEN AVE
Lab Number: L1923828
Project Number: 2180605
Report Date: 06/07/19

SAMPLE RESULTS

Lab ID: L1923828-02
Client ID: STOCKPILE 2
Sample Location: 11075 WALDEN AVE. ALDEN, NY
Date Collected: 06/05/19 13:00
Date Received: 06/05/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	97		70-130

Project Name: 11075 WALDEN AVE
Project Number: 2180605
Lab Number: L1923828
Report Date: 06/07/19

SAMPLE RESULTS

Lab ID: L1923828-03
Client ID: STOCKPILE 3
Sample Location: 11075 WALDEN AVE. ALDEN, NY
Date Collected: 06/05/19 13:10
Date Received: 06/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/07/19 09:42
Analyst: MM
Percent Solids: 89%
TCLP/SPLP Ext. Date: 06/06/19 15:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	260		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	3.5	J	ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
dibromofluoromethane	99		70-130

Project Name: 11075 WALDEN AVE
Project Number: 2180605
Lab Number: L1923828
Report Date: 06/07/19

SAMPLE RESULTS

Lab ID: L1923828-03
Client ID: STOCKPILE 3
Sample Location: 11075 WALDEN AVE. ALDEN, NY
Date Collected: 06/05/19 13:10
Date Received: 06/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/07/19 05:29
Analyst: MV
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	270	120	1
1,1-Dichloroethane	ND		ug/kg	54	7.9	1
Chloroform	ND		ug/kg	81	7.6	1
Carbon tetrachloride	ND		ug/kg	54	12.	1
1,2-Dichloropropane	ND		ug/kg	54	6.8	1
Dibromochloromethane	ND		ug/kg	54	7.6	1
1,1,2-Trichloroethane	ND		ug/kg	54	14.	1
Tetrachloroethene	14000		ug/kg	27	11.	1
Chlorobenzene	ND		ug/kg	27	6.9	1
Trichlorofluoromethane	ND		ug/kg	220	38.	1
1,2-Dichloroethane	ND		ug/kg	54	14.	1
1,1,1-Trichloroethane	ND		ug/kg	27	9.1	1
Bromodichloromethane	ND		ug/kg	27	5.9	1
trans-1,3-Dichloropropene	ND		ug/kg	54	15.	1
cis-1,3-Dichloropropene	ND		ug/kg	27	8.6	1
1,3-Dichloropropene, Total	ND		ug/kg	27	8.6	1
Bromoform	ND		ug/kg	220	13.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	27	9.0	1
Benzene	ND		ug/kg	27	9.0	1
Toluene	ND		ug/kg	54	29.	1
Ethylbenzene	ND		ug/kg	54	7.6	1
Chloromethane	ND		ug/kg	220	51.	1
Bromomethane	ND		ug/kg	110	32.	1
Vinyl chloride	ND		ug/kg	54	18.	1
Chloroethane	ND		ug/kg	110	24.	1
1,1-Dichloroethene	ND		ug/kg	54	13.	1
trans-1,2-Dichloroethene	ND		ug/kg	81	7.4	1
Trichloroethene	130		ug/kg	27	7.4	1

Project Name: 11075 WALDEN AVE **Lab Number:** L1923828

Project Number: 2180605 **Report Date:** 06/07/19

SAMPLE RESULTS

Lab ID: L1923828-03 Date Collected: 06/05/19 13:10

Client ID: STOCKPILE 3 Date Received: 06/05/19

Sample Location: 11075 WALDEN AVE. ALDEN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	110	7.8	1
1,3-Dichlorobenzene	ND		ug/kg	110	8.0	1
1,4-Dichlorobenzene	ND		ug/kg	110	9.3	1
Methyl tert butyl ether	ND		ug/kg	110	11.	1
p/m-Xylene	ND		ug/kg	110	30.	1
o-Xylene	ND		ug/kg	54	16.	1
Xylenes, Total	ND		ug/kg	54	16.	1
cis-1,2-Dichloroethene	230		ug/kg	54	9.5	1
1,2-Dichloroethene, Total	230		ug/kg	54	7.4	1
Styrene	ND		ug/kg	54	11.	1
Dichlorodifluoromethane	ND		ug/kg	540	50.	1
Acetone	ND		ug/kg	540	260	1
Carbon disulfide	ND		ug/kg	540	250	1
2-Butanone	ND		ug/kg	540	120	1
4-Methyl-2-pentanone	ND		ug/kg	540	70.	1
2-Hexanone	ND		ug/kg	540	64.	1
Bromochloromethane	ND		ug/kg	110	11.	1
1,2-Dibromoethane	ND		ug/kg	54	15.	1
n-Butylbenzene	ND		ug/kg	54	9.1	1
sec-Butylbenzene	ND		ug/kg	54	7.9	1
tert-Butylbenzene	ND		ug/kg	110	6.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	160	54.	1
Isopropylbenzene	ND		ug/kg	54	5.9	1
p-Isopropyltoluene	ND		ug/kg	54	5.9	1
Naphthalene	ND		ug/kg	220	35.	1
n-Propylbenzene	ND		ug/kg	54	9.3	1
1,2,3-Trichlorobenzene	ND		ug/kg	110	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	110	15.	1
1,3,5-Trimethylbenzene	ND		ug/kg	110	10.	1
1,2,4-Trimethylbenzene	ND		ug/kg	110	18.	1
Methyl Acetate	ND		ug/kg	220	52.	1
Cyclohexane	ND		ug/kg	540	30.	1
1,4-Dioxane	ND		ug/kg	4300	1900	1
Freon-113	ND		ug/kg	220	38.	1
Methyl cyclohexane	ND		ug/kg	220	33.	1

Project Name: 11075 WALDEN AVE
Lab Number: L1923828
Project Number: 2180605
Report Date: 06/07/19

SAMPLE RESULTS

Lab ID: L1923828-03
Client ID: STOCKPILE 3
Sample Location: 11075 WALDEN AVE. ALDEN, NY
Date Collected: 06/05/19 13:10
Date Received: 06/05/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	96		70-130

Project Name: 11075 WALDEN AVE
Project Number: 2180605
Lab Number: L1923828
Report Date: 06/07/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/06/19 08:09
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1245397-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	66	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: 11075 WALDEN AVE
Project Number: 2180605
Lab Number: L1923828
Report Date: 06/07/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/06/19 08:09
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1245397-5					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: 11075 WALDEN AVE
Project Number: 2180605
Lab Number: L1923828
Report Date: 06/07/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/06/19 08:09
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1245397-5					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	98		70-130

Project Name: 11075 WALDEN AVE
Project Number: 2180605
Lab Number: L1923828
Report Date: 06/07/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/06/19 20:43
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1245674-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: 11075 WALDEN AVE
Project Number: 2180605
Lab Number: L1923828
Report Date: 06/07/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/06/19 20:43
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1245674-5					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	10	J	ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: 11075 WALDEN AVE
Project Number: 2180605
Lab Number: L1923828
Report Date: 06/07/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/06/19 20:43
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1245674-5					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	95		70-130

Project Name: 11075 WALDEN AVE
Project Number: 2180605
Lab Number: L1923828
Report Date: 06/07/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/07/19 08:02
Analyst: MM
TCLP/SPLP Extraction Date: 06/06/19 15:07
Extraction Date: 06/06/19 15:07

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01-03 Batch: WG1245782-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
dibromofluoromethane	98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 11075 WALDEN AVE

Project Number: 2180605

Lab Number: L1923828

Report Date: 06/07/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1245397-3 WG1245397-4								
Methylene chloride	95		90		70-130	5		30
1,1-Dichloroethane	94		90		70-130	4		30
Chloroform	100		95		70-130	5		30
Carbon tetrachloride	97		92		70-130	5		30
1,2-Dichloropropane	98		92		70-130	6		30
Dibromochloromethane	107		104		70-130	3		30
1,1,2-Trichloroethane	102		97		70-130	5		30
Tetrachloroethene	91		89		70-130	2		30
Chlorobenzene	97		94		70-130	3		30
Trichlorofluoromethane	72		**68**	Q	70-139	6		30
1,2-Dichloroethane	102		96		70-130	6		30
1,1,1-Trichloroethane	95		91		70-130	4		30
Bromodichloromethane	102		97		70-130	5		30
trans-1,3-Dichloropropene	105		101		70-130	4		30
cis-1,3-Dichloropropene	102		97		70-130	5		30
Bromoform	108		103		70-130	5		30
1,1,2,2-Tetrachloroethane	98		96		70-130	2		30
Benzene	96		91		70-130	5		30
Toluene	97		94		70-130	3		30
Ethylbenzene	96		92		70-130	4		30
Chloromethane	80		76		52-130	5		30
Bromomethane	84		76		57-147	10		30
Vinyl chloride	**66**	Q	**63**	Q	67-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVE
Project Number: 2180605

Lab Number: L1923828
Report Date: 06/07/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1245397-3 WG1245397-4								
Chloroethane	56		53		50-151	6		30
1,1-Dichloroethene	84		80		65-135	5		30
trans-1,2-Dichloroethene	90		85		70-130	6		30
Trichloroethene	96		92		70-130	4		30
1,2-Dichlorobenzene	101		98		70-130	3		30
1,3-Dichlorobenzene	100		96		70-130	4		30
1,4-Dichlorobenzene	99		96		70-130	3		30
Methyl tert butyl ether	104		100		66-130	4		30
p/m-Xylene	93		90		70-130	3		30
o-Xylene	94		92		70-130	2		30
cis-1,2-Dichloroethene	93		89		70-130	4		30
Styrene	94		91		70-130	3		30
Dichlorodifluoromethane	97		92		30-146	5		30
Acetone	88		80		54-140	10		30
Carbon disulfide	88		83		59-130	6		30
2-Butanone	81		80		70-130	1		30
4-Methyl-2-pentanone	97		93		70-130	4		30
2-Hexanone	86		82		70-130	5		30
Bromochloromethane	103		96		70-130	7		30
1,2-Dibromoethane	103		100		70-130	3		30
n-Butylbenzene	96		94		70-130	2		30
sec-Butylbenzene	98		93		70-130	5		30
tert-Butylbenzene	99		95		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVE
Project Number: 2180605

Lab Number: L1923828
Report Date: 06/07/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1245397-3 WG1245397-4								
1,2-Dibromo-3-chloropropane	105		102		68-130	3		30
Isopropylbenzene	100		95		70-130	5		30
p-Isopropyltoluene	99		95		70-130	4		30
Naphthalene	102		100		70-130	2		30
n-Propylbenzene	98		94		70-130	4		30
1,2,3-Trichlorobenzene	104		100		70-130	4		30
1,2,4-Trichlorobenzene	106		104		70-130	2		30
1,3,5-Trimethylbenzene	102		98		70-130	4		30
1,2,4-Trimethylbenzene	102		98		70-130	4		30
Methyl Acetate	78		78		51-146	0		30
Cyclohexane	87		84		59-142	4		30
1,4-Dioxane	104		89		65-136	16		30
Freon-113	90		87		50-139	3		30
Methyl cyclohexane	92		88		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	109		109		70-130
Dibromofluoromethane	100		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 11075 WALDEN AVE

Project Number: 2180605

Lab Number: L1923828

Report Date: 06/07/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1245674-3 WG1245674-4								
Methylene chloride	96		98		70-130	2		30
1,1-Dichloroethane	102		105		70-130	3		30
Chloroform	100		104		70-130	4		30
Carbon tetrachloride	92		96		70-130	4		30
1,2-Dichloropropane	97		101		70-130	4		30
Dibromochloromethane	91		94		70-130	3		30
1,1,2-Trichloroethane	94		98		70-130	4		30
Tetrachloroethene	101		102		70-130	1		30
Chlorobenzene	95		97		70-130	2		30
Trichlorofluoromethane	100		103		70-139	3		30
1,2-Dichloroethane	93		97		70-130	4		30
1,1,1-Trichloroethane	100		103		70-130	3		30
Bromodichloromethane	92		96		70-130	4		30
trans-1,3-Dichloropropene	94		96		70-130	2		30
cis-1,3-Dichloropropene	92		97		70-130	5		30
Bromoform	87		90		70-130	3		30
1,1,2,2-Tetrachloroethane	93		97		70-130	4		30
Benzene	97		100		70-130	3		30
Toluene	97		100		70-130	3		30
Ethylbenzene	98		99		70-130	1		30
Chloromethane	113		113		52-130	0		30
Bromomethane	92		98		57-147	6		30
Vinyl chloride	111		112		67-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVE
Project Number: 2180605

Lab Number: L1923828
Report Date: 06/07/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1245674-3 WG1245674-4								
Chloroethane	105		109		50-151	4		30
1,1-Dichloroethene	104		107		65-135	3		30
trans-1,2-Dichloroethene	100		104		70-130	4		30
Trichloroethene	97		99		70-130	2		30
1,2-Dichlorobenzene	94		96		70-130	2		30
1,3-Dichlorobenzene	96		97		70-130	1		30
1,4-Dichlorobenzene	95		96		70-130	1		30
Methyl tert butyl ether	94		97		66-130	3		30
p/m-Xylene	96		97		70-130	1		30
o-Xylene	94		97		70-130	3		30
cis-1,2-Dichloroethene	98		101		70-130	3		30
Styrene	94		97		70-130	3		30
Dichlorodifluoromethane	101		100		30-146	1		30
Acetone	107		116		54-140	8		30
Carbon disulfide	96		99		59-130	3		30
2-Butanone	102		107		70-130	5		30
4-Methyl-2-pentanone	92		100		70-130	8		30
2-Hexanone	92		96		70-130	4		30
Bromochloromethane	96		98		70-130	2		30
1,2-Dibromoethane	92		95		70-130	3		30
n-Butylbenzene	101		102		70-130	1		30
sec-Butylbenzene	101		104		70-130	3		30
tert-Butylbenzene	99		101		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVE
Project Number: 2180605

Lab Number: L1923828
Report Date: 06/07/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1245674-3 WG1245674-4								
1,2-Dibromo-3-chloropropane	81		83		68-130	2		30
Isopropylbenzene	100		101		70-130	1		30
p-Isopropyltoluene	100		102		70-130	2		30
Naphthalene	93		95		70-130	2		30
n-Propylbenzene	100		102		70-130	2		30
1,2,3-Trichlorobenzene	95		97		70-130	2		30
1,2,4-Trichlorobenzene	96		97		70-130	1		30
1,3,5-Trimethylbenzene	98		99		70-130	1		30
1,2,4-Trimethylbenzene	98		100		70-130	2		30
Methyl Acetate	97		102		51-146	5		30
Cyclohexane	103		106		59-142	3		30
1,4-Dioxane	98		113		65-136	14		30
Freon-113	101		104		50-139	3		30
Methyl cyclohexane	98		101		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		97		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	98		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVE
Project Number: 2180605

Lab Number: L1923828
Report Date: 06/07/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01-03 Batch: WG1245782-3 WG1245782-4								
Chloroform	110		97		70-130	13		20
Carbon tetrachloride	100		97		63-132	3		20
Tetrachloroethene	120		110		70-130	9		20
Chlorobenzene	110		100		75-130	10		25
1,2-Dichloroethane	100		95		70-130	5		20
Benzene	100		93		70-130	7		25
Vinyl chloride	110		98		55-140	12		20
1,1-Dichloroethene	110		93		61-145	17		25
Trichloroethene	110		99		70-130	11		25
1,4-Dichlorobenzene	120		100		70-130	18		20
2-Butanone	95		84		63-138	12		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		93		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	100		101		70-130
dibromofluoromethane	101		99		70-130

SEMIVOLATILES

Project Name: 11075 WALDEN AVE
Project Number: 2180605
Lab Number: L1923828
Report Date: 06/07/19

SAMPLE RESULTS

Lab ID: L1923828-04
Client ID: STOCKPILE COMPOSITE
Sample Location: 11075 WALDEN AVE. ALDEN, NY

Date Collected: 06/05/19 13:20
Date Received: 06/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/07/19 15:00
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 06/07/19 02:33

TCLP/SPLP Ext. Date: 06/06/19 06:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	60		33-120

Project Name: 11075 WALDEN AVE
Project Number: 2180605
Lab Number: L1923828
Report Date: 06/07/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/07/19 14:53
Analyst: RC
TCLP/SPLP Extraction Date: 06/06/19 06:31

Extraction Method: EPA 3510C
Extraction Date: 06/07/19 02:33

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 04 Batch: WG1245597-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	61		33-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVE
Project Number: 2180605

Lab Number: L1923828
Report Date: 06/07/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 04 Batch: WG1245597-2 WG1245597-3								
Hexachlorobenzene	64		66		40-140	3		30
2,4-Dinitrotoluene	74		75		40-132	1		30
Hexachlorobutadiene	42		40		28-111	5		30
Hexachloroethane	44		43		21-105	2		30
Nitrobenzene	73		73		40-140	0		30
2,4,6-Trichlorophenol	71		63		30-130	12		30
Pentachlorophenol	68		69		9-103	1		30
2-Methylphenol	67		60		30-130	11		30
3-Methylphenol/4-Methylphenol	68		63		30-130	8		30
2,4,5-Trichlorophenol	74		65		30-130	13		30
Pyridine	38		30		10-66	24		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	59		56		21-120
Phenol-d6	57		52		10-120
Nitrobenzene-d5	78		76		23-120
2-Fluorobiphenyl	61		54		15-120
2,4,6-Tribromophenol	78		78		10-120
4-Terphenyl-d14	64		63		33-120

METALS

Project Name: 11075 WALDEN AVE
Lab Number: L1923828
Project Number: 2180605
Report Date: 06/07/19

SAMPLE RESULTS

Lab ID: L1923828-04
Client ID: STOCKPILE COMPOSITE
Sample Location: 11075 WALDEN AVE. ALDEN, NY
Date Collected: 06/05/19 13:20
Date Received: 06/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
TCLP/SPLP Ext. Date: 06/06/19 06:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.021	J	mg/l	1.00	0.019	1	06/07/19 09:36	06/07/19 15:20	EPA 3015	1,6010D	LC
Barium, TCLP	0.457	J	mg/l	0.500	0.021	1	06/07/19 09:36	06/07/19 15:20	EPA 3015	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/07/19 09:36	06/07/19 15:20	EPA 3015	1,6010D	LC
Chromium, TCLP	0.023	J	mg/l	0.200	0.021	1	06/07/19 09:36	06/07/19 15:20	EPA 3015	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	06/07/19 09:36	06/07/19 15:20	EPA 3015	1,6010D	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	06/07/19 11:30	06/07/19 16:49	EPA 7470A	1,7470A	GD
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/07/19 09:36	06/07/19 15:20	EPA 3015	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/07/19 09:36	06/07/19 15:20	EPA 3015	1,6010D	LC

Project Name: 11075 WALDEN AVE
Project Number: 2180605
Lab Number: L1923828
Report Date: 06/07/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 04 Batch: WG1245730-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/07/19 09:36	06/07/19 15:11	1,6010D	LC
Barium, TCLP	0.027	J	mg/l	0.500	0.021	1	06/07/19 09:36	06/07/19 15:11	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/07/19 09:36	06/07/19 15:11	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/07/19 09:36	06/07/19 15:11	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	06/07/19 09:36	06/07/19 15:11	1,6010D	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/07/19 09:36	06/07/19 15:11	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/07/19 09:36	06/07/19 15:11	1,6010D	LC

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 06/06/19 06:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 04 Batch: WG1245795-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	06/07/19 11:30	06/07/19 16:42	1,7470A	GD

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 06/06/19 06:31

Lab Control Sample Analysis

Batch Quality Control

Project Name: 11075 WALDEN AVE

Project Number: 2180605

Lab Number: L1923828

Report Date: 06/07/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 04 Batch: WG1245730-2								
Arsenic, TCLP	108		-		75-125	-		20
Barium, TCLP	96		-		75-125	-		20
Cadmium, TCLP	101		-		75-125	-		20
Chromium, TCLP	95		-		75-125	-		20
Lead, TCLP	96		-		75-125	-		20
Selenium, TCLP	106		-		75-125	-		20
Silver, TCLP	94		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 04 Batch: WG1245795-2								
Mercury, TCLP	87		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVE
Project Number: 2180605

Lab Number: L1923828
Report Date: 06/07/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 04 COMPOSITE	QC Batch ID: WG1245730-3		QC Sample: L1923828-04			Client ID: STOCKPILE						
Arsenic, TCLP	0.021J	1.2	1.35	112		-	-		75-125	-		20
Barium, TCLP	0.457J	20	20.1	100		-	-		75-125	-		20
Cadmium, TCLP	ND	0.51	0.521	102		-	-		75-125	-		20
Chromium, TCLP	0.023J	2	1.92	96		-	-		75-125	-		20
Lead, TCLP	ND	5.1	4.92	96		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.28	107		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.488	98		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 04 COMPOSITE	QC Batch ID: WG1245795-3		QC Sample: L1923828-04			Client ID: STOCKPILE						
Mercury, TCLP	ND	0.025	0.0225	90		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 11075 WALDEN AVE
Project Number: 2180605

Lab Number: L1923828
Report Date: 06/07/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1245730-4 QC Sample: L1923828-04 Client ID: STOCKPILE COMPOSITE						
Arsenic, TCLP	0.021J	ND	mg/l	NC		20
Barium, TCLP	0.457J	0.465J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	0.023J	ND	mg/l	NC		20
Lead, TCLP	ND	ND	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1245795-4 QC Sample: L1923828-04 Client ID: STOCKPILE COMPOSITE						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 11075 WALDEN AVE
Project Number: 2180605
Lab Number: L1923828
Report Date: 06/07/19

SAMPLE RESULTS

Lab ID: L1923828-04
Client ID: STOCKPILE COMPOSITE
Sample Location: 11075 WALDEN AVE. ALDEN, NY
Date Collected: 06/05/19 13:20
Date Received: 06/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material:	Unknown
Description of Material:	Non-Metallic - Damp Soil
Particle Size:	Medium
Preliminary Burning Time (sec):	120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/06/19 05:22	1,1030	GD

Project Name: 11075 WALDEN AVE
Project Number: 2180605

Lab Number: L1923828
Report Date: 06/07/19

SAMPLE RESULTS

Lab ID: L1923828-01
Client ID: STOCKPILE 1
Sample Location: 11075 WALDEN AVE. ALDEN, NY

Date Collected: 06/05/19 12:50
Date Received: 06/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	06/06/19 05:31	121,2540G	YA

Project Name: 11075 WALDEN AVE
Project Number: 2180605

Lab Number: L1923828
Report Date: 06/07/19

SAMPLE RESULTS

Lab ID: L1923828-02
Client ID: STOCKPILE 2
Sample Location: 11075 WALDEN AVE. ALDEN, NY

Date Collected: 06/05/19 13:00
Date Received: 06/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.1		%	0.100	NA	1	-	06/06/19 05:31	121,2540G	YA

Project Name: 11075 WALDEN AVE
Project Number: 2180605

Lab Number: L1923828
Report Date: 06/07/19

SAMPLE RESULTS

Lab ID: L1923828-03
Client ID: STOCKPILE 3
Sample Location: 11075 WALDEN AVE. ALDEN, NY

Date Collected: 06/05/19 13:10
Date Received: 06/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.9		%	0.100	NA	1	-	06/06/19 05:31	121,2540G	YA

Project Name: 11075 WALDEN AVE
Project Number: 2180605

Lab Number: L1923828
Report Date: 06/07/19

SAMPLE RESULTS

Lab ID: L1923828-04
Client ID: STOCKPILE COMPOSITE
Sample Location: 11075 WALDEN AVE. ALDEN, NY

Date Collected: 06/05/19 13:20
Date Received: 06/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
pH (H)	10.7		SU	-	NA	1	-	06/06/19 06:05	1,9045D	JW
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/06/19 04:59	06/06/19 06:29	125,7.3	KF
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/06/19 04:59	06/06/19 06:20	125,7.3	KF

Project Name: 11075 WALDEN AVE
Project Number: 2180605
Lab Number: L1923828
Report Date: 06/07/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 04 Batch: WG1245126-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/06/19 04:59	06/06/19 06:19	125,7.3	KF
General Chemistry - Westborough Lab for sample(s): 04 Batch: WG1245127-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/06/19 04:59	06/06/19 06:28	125,7.3	KF

Lab Control Sample Analysis

Batch Quality Control

Project Name: 11075 WALDEN AVE

Project Number: 2180605

Lab Number: L1923828

Report Date: 06/07/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 04 Batch: WG1245126-2								
Sulfide, Reactive	78		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 04 Batch: WG1245127-2								
Cyanide, Reactive	70		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 04 Batch: WG1245150-1								
pH	100		-		99-101	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 11075 WALDEN AVE

Project Number: 2180605

Lab Number: L1923828

Report Date: 06/07/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1245107-1 QC Sample: L1923581-08 Client ID: DUP Sample						
Solids, Total	91.9	92.1	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1245126-3 QC Sample: L1923865-17 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1245127-3 QC Sample: L1923865-17 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1245150-2 QC Sample: L1923812-01 Client ID: DUP Sample						
pH	6.9	5.8	SU	**17**	Q	5

Project Name: 11075 WALDEN AVE
Project Number: 2180605

Lab Number: L1923828
Report Date: 06/07/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1923828-01A	Vial MeOH preserved	A	NA		3.1	Y	Absent		NYTCL-8260HLW-R2(14)
L1923828-01B	Vial water preserved	A	NA		3.1	Y	Absent	06-JUN-19 04:48	NYTCL-8260HLW-R2(14)
L1923828-01C	Vial water preserved	A	NA		3.1	Y	Absent	06-JUN-19 04:48	NYTCL-8260HLW-R2(14)
L1923828-01D	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L1923828-01E	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L1923828-01F	Vial Large Septa unpreserved (4oz)	A	NA		3.1	Y	Absent		TCLP-EXT-ZHE(14)
L1923828-01S	Vial unpreserved Extracts	A	NA		3.1	Y	Absent		TCLP-VOA(14)
L1923828-01T	Vial unpreserved Extracts	A	NA		3.1	Y	Absent		TCLP-VOA(14)
L1923828-02A	Vial MeOH preserved	A	NA		3.1	Y	Absent		NYTCL-8260HLW-R2(14)
L1923828-02B	Vial water preserved	A	NA		3.1	Y	Absent	06-JUN-19 04:48	NYTCL-8260HLW-R2(14)
L1923828-02C	Vial water preserved	A	NA		3.1	Y	Absent	06-JUN-19 04:48	NYTCL-8260HLW-R2(14)
L1923828-02D	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L1923828-02E	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L1923828-02F	Vial Large Septa unpreserved (4oz)	A	NA		3.1	Y	Absent		TCLP-EXT-ZHE(14)
L1923828-02S	Vial unpreserved Extracts	A	NA		3.1	Y	Absent		TCLP-VOA(14)
L1923828-02T	Vial unpreserved Extracts	A	NA		3.1	Y	Absent		TCLP-VOA(14)
L1923828-03A	Vial MeOH preserved	A	NA		3.1	Y	Absent		NYTCL-8260HLW-R2(14)
L1923828-03B	Vial water preserved	A	NA		3.1	Y	Absent	06-JUN-19 04:48	NYTCL-8260HLW-R2(14)
L1923828-03C	Vial water preserved	A	NA		3.1	Y	Absent	06-JUN-19 04:48	NYTCL-8260HLW-R2(14)
L1923828-03D	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L1923828-03E	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L1923828-03F	Vial Large Septa unpreserved (4oz)	A	NA		3.1	Y	Absent		TCLP-EXT-ZHE(14)
L1923828-03S	Vial unpreserved Extracts	A	NA		3.1	Y	Absent		TCLP-VOA(14)

*Values in parentheses indicate holding time in days

Project Name: 11075 WALDEN AVE
Project Number: 2180605

Lab Number: L1923828
Report Date: 06/07/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1923828-03T	Vial unpreserved Extracts	A	NA		3.1	Y	Absent		TCLP-VOA(14)
L1923828-04A	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		IGNIT-1030(14),REACTS(14),PH-9045(1),REACTCN(14)
L1923828-04B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		IGNIT-1030(14),REACTS(14),PH-9045(1),REACTCN(14)
L1923828-04C	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		IGNIT-1030(14),REACTS(14),PH-9045(1),REACTCN(14)
L1923828-04D	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		IGNIT-1030(14),REACTS(14),PH-9045(1),REACTCN(14)
L1923828-04E	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		IGNIT-1030(14),REACTS(14),PH-9045(1),REACTCN(14)
L1923828-04F	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		IGNIT-1030(14),REACTS(14),PH-9045(1),REACTCN(14)
L1923828-04G	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		IGNIT-1030(14),REACTS(14),PH-9045(1),REACTCN(14)
L1923828-04H	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		IGNIT-1030(14),REACTS(14),PH-9045(1),REACTCN(14)
L1923828-04Q	Plastic 120ml HNO3 preserved Extracts	A	NA		3.1	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1923828-04W	Amber 1000ml unpreserved Extracts	A	NA		3.1	Y	Absent		TCLP-8270(14)
L1923828-04X9	Tumble Vessel	A	NA		3.1	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	11075 WALDEN AVE	**Lab Number:**	L1923828
Project Number:	2180605	**Report Date:**	06/07/19

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: DU Report with 'J' Qualifiers

Project Name:	11075 WALDEN AVE	**Lab Number:**	L1923828
Project Number:	2180605	**Report Date:**	06/07/19

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.

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.

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.

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 Condensation Product".

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. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

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

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	11075 WALDEN AVE	**Lab Number:**	L1923828
Project Number:	2180605	**Report Date:**	06/07/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

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), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 6860: SCM: Perchlorate

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

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
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.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 6/6/19

ALPHA Job #: L1923828

Client Information
Client: Labella
Address: 200 Pearl St Buffalo, NY
Phone: 716-710-3043
Fax:
Email: sam@labellaco.com

Project Information
Project Name: 1107 Walden Ave
Project Location: 1107 Walden Ave Alden, NY
Project #: 21E0005
(Use Project name as Project #) ☐
Project Manager: Adam Zebrowski
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ 1 # of Days: 1 day

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOC	TCLP VOC	TCLP SVOCs	TCLP Metals	Reactivity, Corrosivity				Total Bottle	Sample Specific Comments
23828-01	Stockpile 1	6/5/19	1256	Soil	SD	X	X								
-02	Stockpile 2	6/5/19	1300	Soil	SD	X	X								
-03	Stockpile 3	6/5/19	1310	Soil	SD	X	X								
-04	Stockpile Composite	6/5/19	1320	Soil	SD			X	X	X					
BW 6/6/19 -05															

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
Sam Labella	6/5/19 14:50	[signature] AAL	6/5/19 1455
[signature] AAL	6/5/19 16:30	[signature]	6/6/19 0840

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Appendix J – Disposal Receipts

L 395210

PARISO LOGISTICS, INC.

JOB# 11007

3649 River Road
Tonawanda, NY 14150

OFFICE: 875-6168 FAX: 875-4121

CUSTOMER LABELLA DATE 1/20

LOAD LOCATION 1107 GARDEN DUMP LOCATION

HIRED TRUCK COMPANY

TRUCK # & DRIVER 109 LARRY-H

☒ DUMP TRUCK SERVICE ☐ SLINGER SERVICE
☐ DUMP TRAILER SERVICE ☐ OTHER

MATERIAL HAULED CONCRETE

JOB START 900
JOB FINISH 1100
TRAVEL TIME 1
☐ LUNCH ☒ NO LUNCH
TOTAL 3 HRS

LD #	TICKET #	WEIGHT	WAIT TIME ON JOB IN - OUT	REMARKS SPECIFY: ON "HOLD" @ PLANT, TOLLS, DUMP LOCATIONS, ETC.
1	73274		-	
2	72169		-	
3			-	
4			-	
5			-	
6			-	
7			-	
8			-	
9			-	
10			-	
11			-	
12			-	
13			-	
14			-	
15			-	

OUR RESPONSIBILITY ENDS AT THE CURB

CUSTOMER'S SIGNATURE:

JOB COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A		716-285-4930	FS-456116

GENERATOR

5. Generator's Name and Mailing Address

Walden Realty Limited Partnership, , 11980 Walden Avenue, , Alden NY 14004, Dave

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

11673 Walden Avenue Site, , 11671 Walden Avenue, , Alden NY 14004, Dave Fogest (LaBella)

Generator's Phone: 585-295-6630

6. Transporter 1 Company Name: Patco Logistics 716-875-6168

U.S. EPA ID Number: NA 000

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Mi Chaffee Landfill
10869 Glean Road
Chaffee, New York 14030

U.S. EPA ID Number: N/A

Facility's Phone: 866-909-4456

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non D.O.T. Regulated Material, Soil, , ,	001	Y			T
2.	Mi Chaffee Profile #1215711NY, , ,					
3.	, , ,					
4.	, , ,					

13. Special Handling Instructions and Additional Information

Emergency Contact: Envol, Inc. Rick Horvath
Envol, Inc. Project ID Number: 19-3532-13
Truck ID:
Truck Lic.:

Weight Ticket No.:
Gross Weight:
Tare Weight:
, , ,

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

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year

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

DESIGNATED FACILITY

17. Discrepancy

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

Item #12 Estimated. Actual Weight =

Manifest Reference Number: 456116

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

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

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

Printed/Typed Name | Signature | Month | Day | Year

GENERATOR'S/SHIPPER'S INITIAL COPY

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	N/A		716-285-1920	ES-456115

GENERATOR

5. Generator's Name and Mailing Address

Walden Realty Limited Partnership, , 11080 Walden Avenue, , Alden NY 14004, Dave Ingert

Generator's Phone: 585-295-4430

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

11075 Walden Avenue Site, , 11075 Walden Avenue, , Alden NY 14004, Dave Ingert (Cubella)

6. Transporter 1 Company Name

Parker Logistics 716-875-6160 #233

U.S. EPA ID Number: NA 026

7. Transporter 2 Company Name

U.S. EPA ID Number:

8. Designated Facility Name and Site Address

Mi Chaffee Landfill
10060 Olean Road
Chaffee, New York 14030

Facility's Phone: 888-909-9452

U.S. EPA ID Number: N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non D.O.T. Regulated Material, Soil, , ,	001	T			T
2.	MS Chaffee Profile #121571NT, , ,					
3.	, , ,					
4.	, , ,					

13. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Rick Borrasio
Ensol, Inc. Project ID Number: 19-3532-13
Truck ID: 233
Trailer No.: 5317-12
Hauling Code:

Weight Ticket No.:
Gross Weight:
Tare Weight:
, , ,

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

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Shawn M. Abbott | Signature | Month: / | Day: 22 | Year: 2

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

DESIGNATED FACILITY

17. Discrepancy

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

Item #13 Estimated. Actual Weight =

Manifest Reference Number: ES456115

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

Facility's Phone:

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

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

Printed/Typed Name | Signature | Month | Day | Year

GENERATOR'S/SHIPPER'S INITIAL COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A		716-285-9929	ES-456114

GENERATOR

5. Generator's Name and Mailing Address

Walden Realty Limited Partnership, , 11990 Walden Avenue, , Alden NY 14004, Dave

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

11093 Walden Avenue Site, , 11093 Walden Avenue, , Alden NY 14004, Dave Engert (Labella)

Generator's Phone: 585-295-6630

6. Transporter 1 Company Name: Parker Logistics 716-875-6168 — U.S. EPA ID Number: NYA 526

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

8. Designated Facility Name and Site Address

WM Chaffee Landfill
10860 Olean Road
Chaffee, New York 14030

U.S. EPA ID Number: N/A

Facility's Phone: 865-909-4958

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non D.O.T. Regulated Material, Soil, , ,	001	T			T
2.	WM Chaffee Profile #1215781Y, , ,					
3.	, , ,					
4.	, , ,					

13. Special Handling Instructions and Additional Information

Emergency Contact: Envsl. Inc. Rick Morreale
Envsl. Inc. Project ID Number: 12-3838-13
Truck ID:
Truck Lic.:
Handling Codes:

Vehicle Ticket No.:
Gross Vehicle:
Tare Vehicle:
, , ,

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

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year

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

DESIGNATED FACILITY

17. Discrepancy

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

Item #13 Estimated. Actual Weight =

Manifest Reference Number: 456114

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

Facility's Phone:

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

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

Printed/Typed Name | Signature | Month | Day | Year

GENERATOR'S/SHIPPER'S INITIAL COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A		716-285-1620	FS-456113

GENERATOR

5. Generator's Name and Mailing Address

Walden Realty Limited Partnership, , 11080 Walden Avenue, , Alden NY 14004, Dave

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

11075 Walden Avenue Site, , 11075 Walden Avenue, , Alden NY 14004, Dave Eugeni (Ladelle)

Generator's Phone: 585-295-5620

6. Transporter 1 Company Name: Patton Logistics 716-875-6150 — U.S. EPA ID Number: NY 826

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

8. Designated Facility Name and Site Address: WI Chaffee Landfill, 10860 Olean Road, Chaffee, New York 14030 — U.S. EPA ID Number: N/A

Facility's Phone: 866-792-4456

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non D.O.T. Regulated Material, Soil, , ,	001	T			T
2.	WI Chaffee Profile #1215714T, , ,					
3.	, , ,					
4.	, , ,					

13. Special Handling Instructions and Additional Information

Generator Contact: Excel Inc. Nick Borrello

Excel, Inc. Project ID Number: 10-3532-13

Truck ID:

Truck Etc.:

Handling Codes:

Weight Ticket No.:

Gross Weight:

Tare Weight:

, , ,

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

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

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

DESIGNATED FACILITY

17. Discrepancy

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

Item #13 Estimated. Actual Weight =

Manifest Reference Number: 456113

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

Facility's Phone:

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

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

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

GENERATOR'S/SHIPPER'S INITIAL COPY

Region 2

ACKNOWLEDGEMENT OF NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

08/09/2019

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

EPA I.D. NUMBER:	**NYD986875219**
INSTALLATION NAME:	**11075 WALDEN AVENUE - NYSDEC ID # C915333**
INSTALLATION ADDRESS :	**11075 WALDEN AVE** **ALDEN, NY 14004**
MAILING ADDRESS :	**11980 WALDEN AVE** **ALDEN, NY 14004**

EPA Form 8700-12AB (4-80)

USEPA - REGION 2
RCRA Programs Branch
290 Broadway, 22nd Floor
New York, NY 10007-1866

ATTN: RCRA NOTIFICATIONS
Tel : (212) 637-4106
Fax: (212) 637-4437

TO: 11075 WALDEN AVENUE - NYSDEC ID # C915333
or Current Occupant

ATTN: 11075 WALDEN AVE
ALDEN, NY 14004

HORIZON ENVIRONNEMENT INT'L
(division of 3600653 Canada inc.)
155 Labelle Blvd. Suite 101
Rosemere, Quebec, Canada J7A 2H2
Tel.: 1-800-545-7657 • (819) 538-3921
Fax: (819) 538-0889 ( ) -

INVOICE

INVOICE #: 1349
PAGE: 1
DATE: 2020-02-08
CONTRACT #: 360-523
P.O. #: TPU3-1365

CLIENT
LABELLA ASSOCIATES, D.P.C.
DAVE ENGERT
300 STATE STREET
ROCHERSTER, NY 14614
(585)295-6630 ( )

WEIGHT TICKET NO.	DATE	TIME	DESCRIPTION	WEIGHT	PRICE/ TON.	SERVICE	TOTAL
115078	2020/02/04	11:09	SOLS CONTAMINES CELLULE	37.83	100.00		3,783.00$us
115079	2020/02/04	11:11	SOLS CONTAMINES CELLULE	38.10	100.00		3,809.50$us
115081	2020/02/04	11:19	SOLS CONTAMINES CELLULE	37.30	100.00		3,730.00$us
115100	2020/02/04	15:42	SOLS CONTAMINES CELLULE	4.24	100.00		423.50$us
				117.46		0.00	11,746.00$us

TOTAL:	G.S.T.	Q.S.T.	T3	T4	GRAND TOTAL
11,746.00$us	0.00$us	0.00$us	0.00$us	0.00$us	11,746.00$us

#G.S.T.: 142909506RT #Q.S.T.: 1022262986

TERMS: NET 30 DAYS AFTER THE DATE OF THE INVOICE. 2% PER MONTH ON PAST DUE.

03014

CLIENT COPY

HORIZON ENVIRONNEMENT INC.
120, Route 155
Grandes-Piles (Québec) G0X 1H0
Tél. : 1-800-545-7657 • (819) 538-3921
Fax : (819) 538-0889
( ) -

BILLET

N° T.P.S. : 140578741 RT

N° T.V.Q. : 1017578304

Provenance US

	oui	non
plastique	☑	☐
lavage	☐	☑

par: AM

N° DU BILLET :	115078
N° DU CONTRAT :	CHE-3384
BON DE COMMANDE :	TPUS-1365
DATE :	2020-02-04
HEURE ENTRÉE :	10:35
HEURE SORTIE :	11:09

3600653 CANADA INC.
155 LABELLE BLVD SUITE 101,
ROSEMÈRE, QC
J7A 2H2

L.

WALDEN REALTY LTD PARTNERSHIP
11980 WALDEN AVE ,
ALDEN, NY
14004

L.

Produit (001-C) SOLS CONTAMINES CELLULE

No Client 360-523

ZONE DE DÉCHARGEMENT : (C-3C) CELLULE 3C

LAIDLAW CARRIERS INC.
1179 RIDGEWAY ROAD,
WOODSTOCK, ON
N4S8P6

L.

DÉTAIL DES PRIX

POIDS BRUT	121650 Lb	55180 Kg
TARE :	45990 Lb	20860 Kg
POIDS NET :	75660 Lb	34320 Kg

PRÉAVIS

DE TRAVAIL

COURTIER

D'IMMATRICULATION : (T3826B) LAIDLAW CARRIERS

MANIFEST (Can) 9663820-0

MANIFEST (US) 19443756JJK

DE CONNAISSEMENT :

DÉCLARATION DU TRANSPORTEUR :

Je déclare que tous les renseignements ci-dessus sont véridiques et que le contenu de ma cargaison ne contient aucune matière dangereuse tel que défini par le Règlement sur les matières dangereuses du Québec.

Nom Carl Vowles
(CARACTÈRE D'IMPRIMERIE)

Signature

AUTRES SERVICES

119937

COPIE DU BUREAU

MOVEMENT DOCUMENT / MANIFEST
DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial transport and environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement et le transport.

(6)

9663820-0

Movement Document / Manifest Reference No.
N° de référence du document de mouvement/manifeste

A Generator / consignor / Producteur / expéditeur

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial 1: NYR000224758

Company name / Nom de l'entreprise: NRC EAST ENVIRONMENTAL Services, Inc.

Mailing address / Adresse postale: 4240, Albany Street — City / Ville: Colonie — Province: New York — Postal code / Code postal: 12205

E-mail / Courrier électronique: — Tel. No. / N° de tél.: (518) 355-0197

Shipping site address / Adresse du lieu de l'expédition: 4240 Albany Street — City / Ville: Colonie, New York 12205

Intended Receiver / consignee / Réceptionnaire / destinataire prévu 2: HORIZON ENVIRONNEMENT — Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: 1142031856

Mailing address / Adresse postale: 120, route 155, Grandes Piles, Qc. — City / Ville — Province — Postal code / Code postal: G0X 1H0

E-mail / Courrier électronique: alefebvre@horizonenviro.com — Tel. No. / N° de tél.: 819-538-3921

Receiving site address / Adresse du lieu de destination: 120, route 155, TPUS-1365

City / Ville: Grandes Piles, Qc. — Province — Postal code / Code postal: G0X 1H0 CHE-3584

B Carrier / Transporteur

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial 23: 1856-5FDPRT

Company name / Nom de l'entreprise: CALDAW CARRIERS BULK

Mailing address / Adresse postale: 340 UNIVERSAL RD — City / Ville: WOODSTOCK ON — Province — Postal code / Code postal: N4S0A9

E-mail / Courrier électronique — Tel. No. / N° de tél.: 800 336-3336

Vehicle / Véhicule	Registration No. / N° d'immatriculation	Prov. 24
Trailer - Rail car No. 1 / 1re remorque - wagon	T3876B	ON
Trailer - Rail car No. 2 / 2e remorque - wagon		

Port of entry / Point d'entrée (international use only): LACOLLE, QC — Port of exit / Point de sortie (international use only) 25: CHAMPLAIN, N.Y.

Carrier Certification : *I certify that I have received waste or recyclable material from the generator / consignor for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct.* 26
***Attestation du transporteur** : J'atteste avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au réceptionnaire / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.*

Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie): CARL VOWLES — Tel. No. / N° de tél.: 705 872-2692

Year / Année: 16 — Month / Mois: 01 — Day / Jour: 03 — Signature:

C Receiver / consignee / Réceptionnaire / destinataire

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial 28:

Reference Nos. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés 27: 619443756JJK

Receiver / consignee information same as in Part A / Les renseignements du réceptionnaire / destinataire sont les mêmes qu'à la Partie A
☑ Yes / Oui ☐ No, complete the box below / Non, remplir la case ci-dessous

Company name / Nom de l'entreprise:
Mailing address / Adresse postale:
City / Ville — Province — Postal code / Code postal:
E-mail / Courrier électronique — Tel. No. / N° de tél.: ( )
Receiving site address / Adresse du lieu de destination:

Date received / Date de réception 29: Year / Année: 20 — Month / Mois: 02 — Day / Jour: 04 — Time / Heure: ☑ A.M. ☐ P.M.

If waste or recyclable material to be transferred, specify intended company name/ Si les déchets ou matières recyclables doivent être transférés, préciser le nom du destinataire 30 — Registration No./Provincial ID No. / N° d'immatriculation/d'id provincial

Prov. code / Code prov. 3	Shipping name / Appellation réglementaire 4	Class / Classe 5 Sub. class(es) / Classe(s) sub.	UN No. / N° NU 6	Packing / risk gr. / Gr. d'emballage/ de risque 7	Quantity shipped / Quantité expédiée	Units / L or / ou Kg Unités 8	Packaging/Contenant 9 No. / N°	Codes Int.– ext.	Phys. state / État phys. 10
(i) N/A	Environmentally Hazardous Substances, Solid N.O.S. (Contaminated Soils)	9	UN3077	III	32000	KG	1	3	S23
(ii)									
(iii)									
(iv)									

Quantity received / Quantité reçue	Units / L or / ou kg Unités 31	Comments / Commentaires 32	Handling Code / Code de manutention 33	Shipment / Envoi 34 Accepted / Accepté	Refused / Refusé	Decont. 35 Pack. Cont.	Veh. Véh.
34320	kg	—	06	✓			
WT Ref: 115078							

Notice No. / N° de notification 11	Notice Line No / N° de ligne de la notification	Shipment / Envoi 12	Of / De	D or R code / Code D ou R 13	C code / Code C 14	Basel Annex VIII or OECD Code / Annexe VIII de Bâle ou Code OCDE 15	H code / Code H 16	Y code / Code Y 17	National code in country of / Code du pays 18 Export / Exportation	Import / Importation	Customs code(s) / Code(s) de douanes 19
(i) 706425	10	2	/10	D05	C41	A3160	H13	Y41	N/A		3825.90.00.00
(ii)											
(iii)											
(iv)											

International use only

If handling code "Other" (specify) 36 / Si code de manutention « autre » (spécifier)

***Receiver / consignee certification** : I certify that the information contained in Part C is correct and complete. / **Attestation du réceptionnaire / destinataire** : J'atteste que tous les renseignements à la partie C sont exacts et complets.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie) 37:

Signature — Tel. No. / N° de tél.: ( )

Special handling / Manutention spéciale 22: ☐ Attached /Ci-joint: ☐ As follows/ Ci-contre :

FOR EMERGENCY: CANUTEC 613-996-6666

***Generator / consignor certification:** I certify that the information contained in Part A is correct and complete. I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.*
***Attestation du producteur / expéditeur:** J'atteste que tous les renseignements à la partie A sont exacts et complets. Je déclare que le contenu de ce chargement est décrit ci-dessus de façon complète et exacte par la désignation officielle de transport et qu'il est convenablement classé, emballé, marqué, étiqueté, muni de plaques-étiquettes et à tous égards bien conditionné pour être transporté conformément aux réglementations internationales et nationales applicables.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie) 20: David Salisbury — Tel. No. / N° de tél.: 802-923-1970

Signature

Date shipped / Date d'expédition 21: Year / Année: 20 — Month / Mois: 02 — Day / Jour: 03 — Time / Heure: ☐ A.M. ☐ P.M

Scheduled arrival date / Date d'arrivée prévue: Year / Année — Month / Mois — Day / Jour

Instructions on reverse
Instructions au verso

Copy / Copie 3 (yellow / jaune)

X20200203159512

(6)

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD986875219	1	877-818-0087	019443756 JJK

GENERATOR

5. Generator's Name and Mailing Address
~~Labella Associates, DPC 300 State Street Rochester, New York, NY 14614~~
Walden Realty Limited Partnership/Doritex Corp
11980 Walden Ave
Alden, NY 14004
~~585-295-8830~~ 716-684-66600
Generator's Phone: corp

Generator's Site Address (if different than mailing address)
Walden Realty Limited Partnerership / Doritex Corp.
11075 Walden Ave., Alden NY 14004

6. Transporter 1 Company Name: Laidlaw Carriers Bulk GP Inc
U.S. EPA ID Number: MIK 621 327 675

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

8. Designated Facility Name and Site Address: Horizon Environnement Inc 120 Route 155 Grandes Piles Quebec G0X 1H0
U.S. EPA ID Number: NYR 000 078 964
Facility's Phone: (800) 545-7657

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, Waste Environmentally Hazardous Substances, Solid, N.O.S., 9, UN3077, PGIII (F001 Perchloroethylene)	1	DT	35 Estimated	T	F001		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
EPA Notice ID: 023706E19012. Soil Contaminated with Perchloroethylene (ERG 171)
Exporter: NRC East Environmental Services Inc., 4020 Albany St., Colonie NY 12205 EPA ID: NYR000224758

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lori Radice
Signature
Month 1 Day 31 Year 20

INT'L

16. International Shipments ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit: Champlain, NY
Transporter signature (for exports only): Carl Vowles
Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: CARL VOWLES
Signature: Carl Vowles
Month 02 Day 03 Year 20
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Total Net Weight (kg): 34320
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: ALEKSANDRA MIOSEVIC
Signature
Month 02 Day 04 Year 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

WTRef: 115078

HORIZON ENVIRONNEMENT INC.
120, Route 155
Grandes-Piles (Québec) G0X 1H0
Tél. : 1-800-545-7657 • (819) 538-3921
Fax : (819) 538-0889
( ) -

BILLET

N° T.P.S. : 140578741 RT

N° T.V.Q. : 1017578304

Provenance US

	oui	non
plastique	☑	☐
lavage	☐	☑

par: AM

N° DU BILLET :	115079
N° DU CONTRAT :	CHE-3384
BON DE COMMANDE :	TPU3-1365
DATE :	2020-02-04
HEURE ENTRÉE :	10:36
HEURE SORTIE :	11:11

3600653 CANADA INC.
155 LABELLE BLVD SUITE 101,
ROSEMÈRE, QC
J7A 2H2

L.

WALDEN REALTY LTD PARTNERSHIP
11980 WALDEN AVE ,
ALDEN, NY
14004

L.

Produit (001-C) SOLS CONTAMINES CELLULE

No Client 360-523

ZONE DE DÉCHARGEMENT : (C-3C) CELLULE 3C

LAIDLAW CARRIERS INC.
1179 RIDGEWAY ROAD,
WOODSTOCK, ON
N4S8P6

L.

DÉTAIL DES PRIX

POIDS BRUT	121800 Lb	55250 Kg
TARE :	45610 Lb	20690 Kg
POIDS NET :	76190 Lb	34560 Kg

PRÉAVIS

DE TRAVAIL

COURTIER
D'IMMATRICULATION : (P3798P) LAIDLAW CARRIERS

MANIFEST (Can) 9663819-2

MANIFEST (US) 19443755JJK
DE CONNAISSEMENT :

DÉCLARATION DU TRANSPORTEUR :

Je déclare que tous les renseignements ci-dessus sont véridiques et que le contenu de ma cargaison ne contient aucune matière dangereuse tel que défini par le Règlement sur les matières dangereuses du Québec.

Nom LARRY Book
(CARACTÈRE D'IMPRIMERIE)

Signature Book

AUTRES SERVICES

119938

COPIE DU BUREAU

X20200203159100

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD986875219	1	877-818-0087	019443755 JJK

GENERATOR

5. Generator's Name and Mailing Address
~~LaBella Associates DPC 300 State Street Rochester, New York, NY 14614~~
Walden Realty Limited Partnership/Doritex Corp
11980 Walden Ave.
Alden, NY 14004
Generator's Phone: ~~585-295-6835~~ 716-684-6600

Generator's Site Address (if different than mailing address)
Walden Realty Limited Partnerership / Doritex Corp
11075 Walden Ave., Alden NY 14004

6. Transporter 1 Company Name
Laidlaw Carriers Bulk GP Inc

U.S. EPA ID Number
MIK 621 327 675

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Horizon Environnement Inc. 120 Route 155 Grandes Piles Quebec G0X 1H0

U.S. EPA ID Number
NYR 000 078 964

Facility's Phone: (800) 545-7667

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, Waste Environmentally Hazardous Substances, Solid N.O.S., 9, UN3077, PGIII (F001 Perchloroethylene)	1	DT	35T Estimated	T	F001		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
EPA Notice ID: 023706E19012. Soil Contaminated with Perchloroethylene (ERG 171)
Exporter: NRC East Environmental Services Inc., 4020 Albany St., Colonie NY 12205 EPA ID: NYR000224758

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lori Rodier
Signature: [signature]
Month 1 Day 31 Year 20

INT'L

16. International Shipments ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit: Champlain, NY
Transporter signature (for exports only): [signature] Date leaving U.S.: 2/3/20

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: LARRY BOOK
Signature: [signature]
Month 2 Day 3 Year 20

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

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Total Net Weight (lb): 34560
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

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

Printed/Typed Name: ALEKSANDRA MILOSEVIC
Signature: [signature]
Month 02 Day 04 Year 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

WTRef: 115079

MOVEMENT DOCUMENT / MANIFEST
DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial transport and environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement et le transport.

(7)

9663819-2

Movement Document / Manifest Reference No.
N° de référence du document de mouvement/manifeste

A Generator / consignor / Producteur / expéditeur

1 Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: NYR000224758

Company name / Nom de l'entreprise: NRC EAST ENVIRONMENTAL Services, Inc.

Mailing address / Adresse postale: 4240, Albany Street — City / Ville: Colonie, New York 12205 — Province — Postal code / Code postal — Tel. No. / N° de tél.: 518355-0197

E-mail / Courrier électronique

Shipping site address / Adresse du lieu de l'expédition: 4240 Albany Street — City / Ville: Colonie, New York 12205 — Province — Postal code / Code postal

Intended Receiver / consignee / Réceptionnaire / destinataire prévu 2 — Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: 1142031856

HORIZON ENVIRONNEMENT

Mailing address / Adresse postale: 120, route 155, Grandes Piles, Qc, G0X 1H0

E-mail / Courrier électronique: dlefebvre@horizonenviro.com — Tel. No. / N° de tél.: 819-538-3921

Receiving site address / Adresse du lieu de destination: TPUS-1365 — 120, route 155, Grandes Piles, Qc, G0X 1H0 CHE-3584

City / Ville — Province — Postal code / Code postal

B Carrier / Transporteur

23 Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: 2856-SFDPRT.

Company name / Nom de l'entreprise: LAIDLAW Bulk.

Mailing address / Adresse postale: 240 Universal RD — City / Ville: Woodstock — Province: Ont — Postal code / Code postal: N4S-0A7

E-mail / Courrier électronique — Tel. No. / N° de tél.: 800 336 3336

Vehicle / Véhicule	Registration No. / N° d'immatriculation	Prov. 24
Trailer - Rail car No. 1 / 1re remorque - wagon	#047033 Plate #P37-98P.	Ont.
Trailer - Rail car No. 2 / 2e remorque - wagon		

Port of entry / Point d'entrée: LACOLLE, Qc. (International use only) — Port of exit / Point de sortie: CHAMPLAIN NY (International use only) 25

Carrier Certification : *I certify that I have received waste or recyclable material from the generator / consignor for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct.* **Attestation du transporteur :** *J'atteste avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au réceptionnaire / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.* 26

Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie): LARRY BOOK — Tel. No. / N° de tél.: 905 658-1039

Date / Year / Month / Day: 2010 02 03 — Signature: Larry Book

C Receiver / consignee / Réceptionnaire / destinataire

28 Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial

Reference Nos. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés: 619443755 27

Receiver / consignee information same as in Part A / Les renseignements du réceptionnaire / destinataire sont les mêmes qu'à la Partie A
☑ Yes / Oui ☐ No, complete the box below / Non, remplir la case ci-dessous

Company name / Nom de l'entreprise

Mailing address / Adresse postale

City / Ville — Province — Postal code / Code postal

E-mail / Courrier électronique — Tel. No. / N° de tél. ( )

Receiving site address / Adresse du lieu de destination

Date received / Date de réception: Year / Month / Day: 2010 02 04 — Time / Heure: ☑ A.M. ☐ P.M. 29

If waste or recyclable material to be transferred, specify intended company name/ Si les dechets ou matières recyclables doivent être transférés, préciser le nom du destinataire 30 — Registration No./Provincial ID No. / N° d'immatriculation/d'id provincial

(i)	Prov. code / Code prov. 3	Shipping name / Appellation réglementaire 4	Class / Classe 5 — Sub. class(es) / Classe(s) sub.	UN No. / N° NU 6	Packing / risk gr. / Gr. d'emballage/ de risque 7	Quantity shipped / Quantité expédiée	Units / L or / ou Kg / Unités 8	Packaging/Contenant 9 — No. / N°	Codes Int.– ext.	Phys. state / État phys. 10
(i)	N/A	Environmentally Hazardous Substances, Solid N.O.S. (Contaminated Soils)	9	UN3077	III	32000	KG	1	3	S23
(ii)										
(iii)										
(iv)										

(i)	Notice No. / N° de notification 11	Notice Line No. / N° de ligne de la notification	Shipment / Envoi 12	Of / De	D or R code / Code D ou R 13	C code / Code C 14	Basel Annex VIII or OECD Code / Annexe VIII de Bâle ou Code OCDE 15	H code / Code H 16	Y code / Code Y 17	National code in country of / Code du pays 18 — Export / Exportation	Import / Importation	Customs code(s) / Code(s) de douanes 19
(i)	706425	10	1	/10	D05	C41	A3160	H13	Y41	N/A		3825.90.00.00
(ii)	International use only											
(iii)												
(iv)												FOR EMERGENCY: CANUTEC 613-966-6666

Quantity received / Quantité reçue: 34560 kg — Units / L or / ou kg / Unités 31 — Comments / Commentaires 32: — — Handling / Code de manutention 33: 06 — Shipment / Envoi 34: Accepted / Accepté ✓ — Refused / Refusé — Decont. 35: Pack. Cont. — Veh. Véh.

WT Ref: 1150779

If handling code "Other" (specify) / Si code de manutention « autre » (spécifier) 36

***Receiver / consignee certification** : I certify that the information contained in Part C is correct and complete. / **Attestation du réceptionnaire / destinataire** : J'atteste que tous les renseignements à la partie C sont exacts et complets.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie) 37

Signature — Tel. No. / N° de tél. ( )

Special handling / Manutention spéciale 22
☐ Attached / Ci-joint: ☐ As follows / Ci-contre :

Date shipped / Date d'expédition 21: Year / Month / Day: 2003 02 03 — Time / Heure: ☐ A.M. ☐ P.M. — Scheduled arrival date / Date d'arrivée prévue: Year / Month / Day

***Generator / consignor certification:** I certify that the information contained in Part A is correct and complete. I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.*
Empro Services: Cordell Sutton
***Attestation du producteur / expéditeur:** J'atteste que tous les renseignements à la partie A sont exacts et complets. Je déclare que le contenu de ce chargement est décrit ci-dessus de façon complète et exacte par la désignation officielle de transport et qu'il est convenablement classé, emballé, marqué, étiqueté, muni de plaques-étiquettes et à tous égards bien conditionné pour être transporté conformément aux réglementations internationales et nationales applicables.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie): David P Salisbury — Tel. No. / N° de tél.: 807)923-1970 20

Signature

Instructions on reverse
Instructions au verso

Copy / Copie 3 (yellow / jaune

HORIZON ENVIRONNEMENT INC.
120, Route 155
Grandes-Piles (Québec) G0X 1H0
Tél. : 1-800-545-7657 • (819) 538-3921
Fax : (819) 538-0889
( ) -

BILLET

N° T.P.S. : 140578741 RT

N° T.V.Q. : 1017578304

Provenance US	oui	non
plastique	☑	☐
lavage	☐	☑

par: AM

N° DU BILLET : 115081

N° DU CONTRAT : CHE-3384

BON DE COMMANDE : TPUS-1365

DATE : 2020-02-04

HEURE ENTRÉE : 10:38

HEURE SORTIE : 11:19

3600653 CANADA INC.
155 LABELLE BLVD SUITE 101,
ROSEMÈRE, QC
J7A 2H2

L.

WALDEN REALTY LTD PARTNERSHIP
11980 WALDEN AVE ,
ALDEN, NY
14004

L.

Produit (001-C) SOLS CONTAMINES CELLULE

No Client 360-523

ZONE DE DÉCHARGEMENT : (C-3C) CELLULE 3C

LAIDLAW CARRIERS INC.
1179 RIDGEWAY ROAD,
WOODSTOCK, ON
N4S8P6

L.

DÉTAIL DES PRIX

POIDS BRUT	120720 Lb	54760 Kg
TARE :	46120 Lb	20920 Kg
POIDS NET :	74600 Lb	33840 Kg

PRÉAVIS

DE TRAVAIL

COURTIER

D'IMMATRICULATION : (H6601A) LAIDLAW CARRIERS

MANIFEST (Can) 9663821-8

MANIFEST (US) 19443758JJK

DE CONNAISSEMENT :

DÉCLARATION DU TRANSPORTEUR :

Je déclare que tous les renseignements ci-dessus sont véridiques et que le contenu de ma cargaison ne contient aucune matière dangereuse tel que défini par le Règlement sur les matières dangereuses du Québec.

Nom PATRICK (CARACTÈRE D'IMPRIMERIE)

Signature

AUTRES SERVICES

119940

COPIE DU BUREAU

MOVEMENT DOCUMENT / MANIFEST
DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial transport and environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement et le transport.

8

9663821-8

Movement Document / Manifest Reference No.
N° de référence du document de mouvement/manifeste

A Generator / consignor / Producteur / expéditeur

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial 1: NYR000224758

Company name / Nom de l'entreprise: NRC EAST ENVIRONMENTAL Services, Inc.

Mailing address / Adresse postale: 4240, Albany Street | City / Ville: Colonie, New York 12205 | Province | Postal code / Code postal

E-mail / Courrier électronique | Tel. No. / N° de tél.: 518 355-0197

Shipping site address / Adresse du lieu de l'expédition: 4240 Albany Street

City / Ville: Colonie, New York 12205 | Province | Postal code / Code postal

Intended Receiver / consignee / Réceptionnaire / destinataire prévu 2
Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: HORIZON ENVIRONNEMENT 1142031856

Mailing address / Adresse postale: 120, route 155, Grandes Piles, Qc, G0X 1H0 | City / Ville | Province | Postal code / Code postal

E-mail / Courrier électronique: slebevre@horizonenviro.com | Tel. No. / N° de tél.: 819-538-3921

Receiving site address / Adresse du lieu de destination: TPUS-1365

City / Ville: Grandes Piles, Qc. G0X 1H0 | Province | Postal code / Code postal: CHE-3384

B Carrier / Transporteur

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial 23: 2856 - SFD PRT

Company name / Nom de l'entreprise: LAIDLAW CARRIERS BULK

Mailing address / Adresse postale: 240 Universal Rd | City / Ville: Woodstock | Province: ON | Postal code / Code postal: N4S 0A6

E-mail / Courrier électronique | Tel. No. / N° de tél.: 800 336-3336

Vehicle / Véhicule	Registration No. / N° d'immatriculation	Prov. 24
Trailer - Rail car No. 1 / 1re remorque - wagon	~~T 38063~~ H6601A	ON
Trailer - Rail car No. 2 / 2e remorque - wagon		

Port of entry / Point d'entrée: LACOLLE, QC (International use only) | Port of exit / Point de sortie: Champlain NY 25

Carrier Certification : *I certify that I have received waste or recyclable material from the generator / consignor for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct.* 26
Attestation du transporteur : *J'atteste avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au réceptionnaire / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.*

Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie): PAT FOLAN | Tel. No. / N° de tél.

Year / Année: 2002 | Month / Mois: 03 | Day / Jour: 04 | Signature:

C Receiver / consignee / Réceptionnaire / destinataire

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial 28

Reference Nos. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés 27: 0194437 58 JJK

Receiver / consignee information same as in Part A / Les renseignements du réceptionnaire / destinataire sont les mêmes qu'à la Partie A
☑ Yes / Oui ☐ No, complete the box below / Non, remplir la case ci-dessous

Company name / Nom de l'entreprise

Mailing address / Adresse postale

City / Ville | Province | Postal code / Code postal

E-mail / Courrier électronique | Tel. No. / N° de tél. ( )

Receiving site address / Adresse du lieu de destination

Date received / Date de réception 29: Year / Année: 20 | Month / Mois: 02 | Day / Jour: 04 | Time / Heure | ☑ A.M. ☐ P.M.

If waste or recyclable material to be transferred, specify intended company name/ Si les déchets ou matières recyclables doivent être transférés, préciser le nom du destinataire 30 | Registration No./Provincial ID No. / N° d'immatriculation/d'id provincial

Prov. code / Code prov. 3	Shipping name / Appellation réglementaire 4	Class / Classe Sub. class(es) / Classe(s) sub. 5	UN No. / N°NU 6	Packing / risk gr. / Gr. d'emballage/ de risque 7	Quantity shipped / Quantité expédiée 8	Units / L or / ou Kg / Unités 8	Packaging/Contenant No. / N° 9	Packaging/Contenant Codes Int.– ext. 9	Phys. state / État phys. 10
(i) N/A	Environmentally Hazardous Substances, Solid N.O.S. (Contaminated Soils)	9	UN3077	III	33,000	KG	1	3	S23
(ii)									
(iii)									
(iv)									

Quantity received / Quantité reçue 31	Units / L or / ou Kg / Unités 31	Comments / Commentaires 32	Handling Code / Code de manutention 33	Shipment / Envoi Accepted / Accepté 34	Shipment / Envoi Refused / Refusé 34	Decont. Pack. / Cont. 35	Decont. Veh. / Véh. 35
33840	kg	~	06	V			
		WTRef: 115081					

If handling code "Other" (specify) / Si code de manutention « autre » (spécifier) 36

Notice No. / N° de notification 11	Notice Line No. / N° de ligne de la notification 11	Shipment / Envoi 12	Of / De 12	D or R code / Code D ou R 13	C code / Code C 14	Basel Annex VIII or OECD Code / Annexe VIII de Bâle ou Code OCDE 15	H code / Code H 16	Y code / Code Y 17	National code in country of / Code du pays: Export / Exportation 18	Import / Importation 18	Customs code(s) / Code(s) de douanes 19
(i) 706428	10	3	/10	D05	C41	A3160	H13	Y41	N/A		3825,90,00,00
(ii)											
(iii)	International use only										
(iv)											FOR EMERGENCY: CANUTEC 613-996-6666

Receiver / consignee certification : *I certify that the information contained in Part C is correct and complete. /* ***Attestation du réceptionnaire / destinataire :*** *J'atteste que tous les renseignements à la partie C sont exacts et complets.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie) 37

Signature | Tel. No. / N° de tél. ( )

Special handling / Manutention spéciale 22
☐ Attached /Ci-joint: ☐ As follows/ Ci-contre :

Generator / consignor certification: *I certify that the information contained in Part A is correct and complete. I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.*
Enviro Services: Cordell Sutton
Attestation du producteur / expéditeur: *J'atteste que tous les renseignements à la partie A sont exacts et complets. Je déclare que le contenu de ce chargement est décrit ci-dessus de façon complète et exacte par la désignation officielle de transport et qu'il est convenablement classé, emballé, marqué, étiqueté, muni de plaques-étiquettes et à tous égards bien conditionné pour être transporté conformément aux réglementations internationales et nationales applicables.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie) 20: David Salisbury | Tel. No. / N° de tél.: 902-923-1970

Signature

Date shipped / Date d'expédition 21: Year / Année: 2002 | Month / Mois: 03 | Day / Jour: 04 | Time / Heure | ☐ A.M. ☐ P.M. | Scheduled arrival date / Date d'arrivée prévue: Year / Année: 2002 | Month / Mois: 04 | Day / Jour: 05

Instructions on reverse
Instructions au verso

Copy / Copie 3 (yellow / jaune

X2020020317872 9

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD986875219	1	877-318-0087	019443758 JJK

GENERATOR

5. Generator's Name and Mailing Address
~~Taselle Associates LLC 300 State Street Rochester, New York, NY 14614~~ Walden Realty Limited Partnership/Doritex Corp
~~585-295-6630~~ +1 716 684-6600
11980 Walden Ave. Alden, NY 14004
Generator's Phone: Corp

Generator's Site Address (if different than mailing address)
Walden Realty Limited Partnererership / Doritex Corp.
11075 Walden Ave., Alden NY 14004

6. Transporter 1 Company Name
Laidlaw Carriers Bulk GP Inc

U.S. EPA ID Number
MIK 621 327 675

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Horizon Environnement Inc 120 Route 155 Grandes Piles Quebec G0X 1H0

U.S. EPA ID Number
NYR 000 078 964

Facility's Phone: (800) 545-7667

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, Waste Environmentally Hazardous Substances, Solid N.O.S., 9, UN3077, PGIII (F001 Perchloroethylene)	1	DT	33,000 Kg Estimated	T	F001		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
EPA Notice ID: 023706E19012. Soil Contaminated with Perchloroethylene (ERG 171)
Exporter: NRC East Environmental Services Inc., 4020 Albany St., Colonie NY 12205 EPA ID: NYR000224758

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. 02-03-20

Generator's/Offeror's Printed/Typed Name: Lori Radice
Signature: Lori Radice
Month 1 Day ~~31~~ Year 20

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Champlain, NY
Transporter signature (for exports only): Date leaving U.S.: 02-03-20

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: PAT FOLAND
Signature:
Month 02 Day 03 Year 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Total Net Weight (kg): 33840
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

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

Printed/Typed Name: ALEKSANDRA MILOSEVIC
Signature:
Month 02 Day 04 Year 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. **DESIGNATED/FACILITY TO EPA's e-MANIFEST SYSTEM**

WTRef: 115081

HORIZON ENVIRONNEMENT INC.
120, Route 155
Grandes-Piles (Québec) G0X 1H0
Tél. : 1-800-545-7657 • (819) 538-3921
Fax : (819) 538-0889
( ) -

BILLET

N° T.P.S. : 140578741 RT

N° T.V.Q. : 1017578304

Provenance US

	oui	non
plastique	☑	☐
lavage	☐	☑

par: AM

N° DU BILLET :	115100
N° DU CONTRAT :	CHE-3384
BON DE COMMANDE :	TPU3-1365
DATE :	2020-02-04
HEURE ENTRÉE :	15:16
HEURE SORTIE :	15:42

3600653 CANADA INC.
155 LABELLE BLVD SUITE 101,
ROSEMÈRE, QC
J7A 2H2

WALDEN REALTY LTD PARTNERSHIP
11980 WALDEN AVE ,
ALDEN, NY
14004

Produit (001-C) SOLS CONTAMINES CELLULE

No Client 360-523

ZONE DE DÉCHARGEMENT : (C-3C) CELLULE 3C

PETER HODGE LTD
100 MARKET DRIVE,
MILTON, ON

DÉTAIL DES PRIX

POIDS BRUT :	47110 Lb	21370 Kg
TARE :	38650 Lb	17530 Kg
POIDS NET :	8470 Lb	3840 Kg

PRÉAVIS

I DE TRAVAIL

'OURTIER

D'IMMATRICULATION : (E2967K) PETER HODGE LTD

MANIFEST (Can) 9663822-6

MANIFEST (US) 19443757JJK

DE CONNAISSEMENT :

DÉCLARATION DU TRANSPORTEUR :

Je déclare que tous les renseignements ci-dessus sont véridiques et que le contenu de ma cargaison ne contient aucune matière dangereuse tel que défini par le Règlement sur les matières dangereuses du Québec.

Nom Fred Van Elburg
(CARACTÈRE D'IMPRIMERIE)

Signature

AUTRES SERVICES

119959

COPIE DU BUREAU

MOVEMENT DOCUMENT / MANIFEST
DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial transport and environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement et le transport.

(5)

9663822-6

Movement Document / Manifest Reference No.
N° de référence du document de mouvement/manifeste

A Generator / consignor / Producteur / expéditeur

1 Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: NYR000224758

Company name / Nom de l'entreprise: NRC EAST ENVIRONMENTAL Services, Inc.

Mailing address / Adresse postale: 4240, Albany Street
City / Ville: Colonie, New York 12205
Province:
Postal code / Code postal:

E-mail / Courrier électronique:
Tel. No. / N° de tél.: (518) 355-0197

Shipping site address / Adresse du lieu de l'expédition: 4240 Albany Street
City / Ville: Colonie, New York 12205
Province:
Postal code / Code postal:

B Carrier / Transporteur

23 Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: 2856-5 FD PRT

Company name / Nom de l'entreprise: Peter Hudge Laidlaw NY

Mailing address / Adresse postale: 240 Universal Rd
City / Ville: Woodstock
Province: On
Postal code / Code postal:

E-mail / Courrier électronique:
Tel. No. / N° de tél.: (905) 336-3336

Vehicle / Véhicule	Registration No. / N° d'immatriculation	Prov. 24
Trailer - Rail car No. 1 / 1re remorque - wagon	447370 E29-67K	ON
Trailer - Rail car No. 2 / 2e remorque - wagon		

Port of entry / Point d'entrée: LaColle Qc (International use only)
Port of exit / Point de sortie: Champlain NY (International use only) 25

Carrier Certification : *I certify that I have received waste or recyclable material from the generator / consignor for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct.* 26
***Attestation du transporteur** : J'atteste avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au réceptionnaire / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.*

Name of authorized person (print) / Nom de l'agent autorité (caractères d'imprimerie): Fred Van Elburg
Tel. No. / N° de tél.: (905) 957-7671
Year / Année: 2002 Month / Mois: 04 Day / Jour: 04
Signature:

C Receiver / consignee / Réceptionnaire / destinataire

28 Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial:

Receiver / consignee information same as in Part A / Les renseignements du réceptionnaire / destinataire sont les mêmes qu'à la Partie A
☑ Yes / Oui ☐ No, complete the box below / Non, remplir la case ci-dessous

Company name / Nom de l'entreprise:
Mailing address / Adresse postale:
City / Ville:
Province:
Postal code / Code postal:
E-mail / Courrier électronique:
Tel. No. / N° de tél.: ( )
Receiving site address / Adresse du lieu de destination:

Reference Nos. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés 27: 019443757 JJK

Date received / Date de réception — Year / Année: 20 Month / Mois: 02 Day / Jour: 04
Time / Heure 29: ☑ A.M. ☐ P.M.

If waste or recyclable material to be transferred, specify intended company name/ Si les dechets ou matières recyclables doivent être transférés, préciser le nom du destinataire 30
Registration No./Provincial ID No. / N° d'immatriculation/d'id provincial

Intended Receiver / consignee / Réceptionnaire / destinataire prévu

2 Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: 1142031856

HORIZON ENVIRONNEMENT

Mailing address / Adresse postale: 120, route 155, Grandes Piles, Qc, G0X 1H0
City / Ville:
Province:
Postal code / Code postal:

E-mail / Courrier électronique: alelebvre@horizonenviro.com
Tel. No. / N° de tél.: 819-538-3921

Receiving site address / Adresse du lieu de destination: TPUS-1365
City / Ville: Grandes Piles, Qc, G0X 1H0
Province:
Postal code / Code postal: CHE-3584

3 Prov. code / Code prov.	4 Shipping name / Appellation réglementaire	5 Class / Classe Sub. class(es) / Classe(s) sub.	6 UN No. / N° NU	7 Packing / risk gr. / Gr. d'emballage/ de risque	8 Quantiy shipped / Quantité expédiée	8 Units / L or / ou Kg / Unités	9 Packaging/Contenant No. / N°	9 Codes Int.– ext.	10 Phys. state / Etat phys.
(i) N/A	Environmentally Hazardous Substances, Solid N.O.S. (Contaminated Soils)	9	UN3077	III	1800	KG	1	3	S23
(ii)									
(iii)									
(iv)									

31 Quantity received / Quantité reçue	Units / L or / ou kg / Unités	32 Comments / Commentaires	33 Handling Code / Code de manutention	34 Shipment / Envoi Accepted / Accepté	Refused / Refusé	35 Decont. Pack. / Cont.	Veh. / Véh.
3840	kg	/	06	✓			

WT Ref: 1157000

If handling code "Other" (specify) / Si code de manutention « autre » (spécifier) 36

11 Notice No. / N° de notification	Notice Line No / N° de ligne de la notification	12 Shipment / Envoi	Of / De	13 D or R code / Code D ou R	14 C code / Code C	15 Basel Annex VIII or OECD Code / Annexe VIII de Bâle ou Code OCDE	16 H code / Code H	17 Y code / Code Y	18 National code in country of / Code du pays Export / Exportation	Import / Importation	19 Customs code(s) / Code(s) de douanes
(i) 706426	10	4	/10	D05	C41	A3180	H13	Y41	N/A		3825.90.00.00
(ii)											
(iii)	International use only										
(iv)											

FOR EMERGENCY: CANUTEC 613-868-6868

Receiver / consignee certification : *I certify that the information contained in Part C is correct and complete.* / ***Attestation du réceptionnaire / destinataire :** J'atteste que tous les renseignements à la partie C sont exacts et complets.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie) 37:
Signature:
Tel. No. / N° de tél.: ( )

Special handling / Manutention spéciale 22
☐ Attached /Ci-joint: ☐ As follows/ Ci-contre :

Generator / consignor certification: *I certify that the information contained in Part A is correct and complete. I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.*
***Attestation du producteur / expéditeur:** J'atteste que tous les renseignements à la partie A sont exacts et complets. Je déclare que le contenu de ce chargement est décrit ci-dessus de façon complète et exacte par la désignation officielle de transport et qu'il est convenablement classé, emballé, marqué, étiqueté, muni de plaques-étiquettes et à tous égards bien conditionné pour être transporté conformément aux réglementations internationales et nationales applicables.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie) 20: David Salisbury
Tel. No. / N° de tél.: (802) 823-1970
Signature:

21 Date shipped / Date d'expédition — Year / Année: 20 Month / Mois: 02 Day / Jour: 04
Time / Heure: ☐ A.M. ☐ P.M
Scheduled arrival date / Date d'arrivée prévue — Year / Année: Month / Mois: Day / Jour:

Instructions on reverse
Instructions au verso

Copy / Copie 3 (yellow / jaune)

X2020020180407

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD986875219	1	877-818-0087	019443757 JJK

GENERATOR

5. Generator's Name and Mailing Address
~~LaBella Associates DPC 300 State Street, Rochester, NY~~
Walden Realty Limited Partnership/Dortex Corp
~~York, NY 14614~~ 11980 Walden Ave.
Alden, NY 14004
Generator's Phone: ~~585-295-6930~~ 716-684-6600

Generator's Site Address (if different than mailing address)
Walden Realty Limited Partnership / Dortex Corp
11075 Walden Ave., Alden NY 14004

6. Transporter 1 Company Name: Laidlaw Carriers Bulk GP Inc — U.S. EPA ID Number: MIK 621 327 675

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

8. Designated Facility Name and Site Address: Horizon Environnement Inc. 120 Route 155 Grandes Piles Quebec G0X 1H0 — U.S. EPA ID Number: NYR 000 078 964

Facility's Phone: (800) 545-7657

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, Waste Environmentally Hazardous Substances, Solid N.O.S., 9, UN3077, PGIII (F001 Perchloroethylene)	1	DT	4,000 Estimated	T	F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
EPA Notice ID: 023706E19012. Soil Contaminated with Perchloroethylene (ERG 171)
Exporter: NRC East Environmental Services Inc., 4020 Albany St., Colonie NY 12205 EPA ID: NYR000224758

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lori Radice — Signature: [signature] — Month: 1 Day: 31 Year: 20

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Champlain, NY
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Peter Hodge — Signature: [signature] — Month: 2 Day: 3 Year: 20

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

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Total Net Weight (lb): 3840
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

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

Printed/Typed Name: ALEKSANDRA MILOSEVIC — Signature: [signature] — Month: 02 Day: 04 Year: 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. **DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM**

WTRef: 115100

AMERICAN RECYCLERS COMPANY
Waste Profile Report (WPR)

177 Wales Avenue Tonawanda, New York 14151 *Phone (716) 695-6720 Fax (716) 695-0161*	APPROVAL NUMBER: X-16844L EXPIRATION DATE: HANDLING CODE: L

Generator: Former Doritex BCP No. C915333 EPA ID #:

Address: 11075 Walden Avenue Contact: Jim Doro

City Alden STATE: NY ZIP: 14004 Phone: (716) 570-8075 Fax:

Waste Name: Non Hazardous Debris	Shipping Name: Non RCRA Non DOT Regulated
Generating Process: Facility Cleaning	
	Rate of Generation: Once
	Container Type: 55 Gal Steel 1A1

Composition of Waste	%		%
Cleaning Debris	100 -		

Phase	%
Solids	
Liquid	
Sludge	
Debris	

Is the material RCRA listed or Characteristicly Hazardous?	☐ YES	☒ NO
Does the material contain Medical or Biological Wastes?	☐ YES	☒ NO
Does the material contain etiological waste?	☐ YES	☒ NO
Does the material contain, or has it come in contact with PCB's?	☐ YES	☒ NO
Is the material radioactive?	☐ YES	☒ NO
Does the material contain septic or domestic sewage?	☐ YES	☒ NO
Is the material Non-Hazardous as defined by RCRA Title 40?	☒ YES	☐ NO

Check all below which apply:

Material is to be shipped and recycled as Universal Waste	☐ YES	☒ NO
Material is to be shipped and recycled under 6 NYCRR Part 371.1(g)(1)(ii)(b) *(ie Computer Equipment & monitors)*	☐ YES	☒ NO
Material is being shipped for disposal/recycle via facility transfer/consolidation permit	☒ YES	☐ NO
Material is a Labpack and all contents are CERTIFIED as Non-RCRA	☐ YES	☒ NO
List all Lab Pack Container Numbers: *(Attach packing slips to profile)*		

I certify that the above submitted information (including any attachments) is true, accurate and complete to the best of my knowledge and ability and that all known and suspected hazards have been disclosed. All material offered herein is deemed Non-RCRA.

Signer Title President

Company DORITEX CORP.

Signed: James J. Doro **Print:** JAMES J. DORO **Date:** 6/1/2020

ARC Presonel Reviewed and Approved by:

Approved by: **Print: Tom Martin** **Date:**

AMERICAN RECYCLERS COMPANY
Waste Profile Report (WPR)

177 Wales Avenue Tonawanda, New York 14151 *Phone (716) 695-6720 Fax (716) 695-0161*	APPROVAL NUMBER: A-16846L EXPIRATION DATE: HANDLING CODE: L

Generator: Former Doritex BCP No. C915333 EPA ID #:

Address: 11075 Walden Avenue Contact: Jim Doro

City Alden STATE: NY ZIP: 14004 Phone: (716) 570-8075 Fax:

Waste Name: Soil Cuttings	Shipping Name: Non RCRA Non DOT Regulated
Generating Process: Collection of soil samples	Rate of Generation: Once
	Container Type: 55 Gal Steel 1A2

Composition of Waste	%		%
Soil Borings	100 - 100		
Analytical Attached	-		

Phase	%
Solids	
Liquid	
Sludge	
Debris	

Is the material RCRA listed or Characteristicly Hazardous?	☐ YES	☒ NO
Does the material contain Medical or Biological Wastes?	☐ YES	☒ NO
Does the material contain etiological waste?	☐ YES	☒ NO
Does the material contain, or has it come in contact with PCB's?	☐ YES	☒ NO
Is the material radioactive?	☐ YES	☒ NO
Does the material contain septic or domestic sewage?	☐ YES	☒ NO
Is the material Non-Hazardous as defined by RCRA Title 40?	☒ YES	☐ NO

Check all below which apply:

Material is to be shipped and recycled as Universal Waste	☐ YES	☒ NO
Material is to be shipped and recycled under 6 NYCRR Part 371.1(g)(1)(ii)(b) *(ie Computer Equipment & monitors)*	☐ YES	☒ NO
Material is being shipped for disposal/recycle via facility transfer/consolidation permit	☒ YES	☐ NO
Material is a Labpack and all contents are CERTIFIED as Non-RCRA	☐ YES	☒ NO

List all Lab Pack Container Numbers:
(Attach packing slips to profile)

I certify that the above submitted information (including any attachments) is true, accurate and complete to the best of my knowledge and ability and that all known and suspected hazards have been disclosed. All material offered herein is deemed Non-RCRA.

Signer Title President

Company DORITEX CORP.

Signed: James J. Doro **Print:** JAMES J. DORO **Date:** 6/1/2020

ARC Presonel Reviewed and Approved by:

Approved by: **Print: Tom Martin** **Date:**

AMERICAN RECYCLERS COMPANY
Waste Profile Report (WPR)

177 Wales Avenue **Tonawanda, New York 14151** ***Phone (716) 695-6720 Fax (716) 695-0161***	**APPROVAL NUMBER:** H-16845IN **EXPIRATION DATE:** **HANDLING CODE:** B

Generator: Former Doritex BCP No. C915333 EPA ID #:

Address: 11075 Walden Avenue Contact: Jim Doro

City Alden STATE: NY ZIP: 14004 Phone: (716) 570-8075 Fax:

Waste Name: Purge Water	Shipping Name: Non RCRA Non DOT Regulated
Generating Process: groundwater sampling event	
	Rate of Generation: Once
	Container Type: Tote

Composition of Waste	%		%
Purge water / IDW	95 - 100		
Sediments	0 - 5		

Phase	%
Solids	
Liquid	
Sludge	
Debris	

Is the material RCRA listed or Characteristicly Hazardous?	☐ YES	☒ NO
Does the material contain Medical or Biological Wastes?	☐ YES	☒ NO
Does the material contain etiological waste?	☐ YES	☒ NO
Does the material contain, or has it come in contact with PCB's?	☐ YES	☒ NO
Is the material radioactive?	☐ YES	☒ NO
Does the material contain septic or domestic sewage?	☐ YES	☒ NO
Is the material Non-Hazardous as defined by RCRA Title 40?	☒ YES	☐ NO

Check all below which apply:

Material is to be shipped and recycled as Universal Waste	☐ YES	☒ NO
Material is to be shipped and recycled under 6 NYCRR Part 371.1(g)(1)(ii)(b) *(ie Computer Equipment & monitors)*	☐ YES	☒ NO
Material is being shipped for disposal/recycle via facility transfer/consolidation permit	☒ YES	☐ NO
Material is a Labpack and all contents are CERTIFIED as Non-RCRA	☐ YES	☒ NO
List all Lab Pack Container Numbers: *(Attach packing slips to profile)*		

I certify that the above submitted information (including any attachments) is true, accurate and complete to the best of my knowledge and ability and that all known and suspected hazards have been disclosed. All material offered herein is deemed Non-RCRA.

Signer Title President

Company DORITEX CORP.

Signed: James J. Doro **Print:** JAMES J. DORO **Date:** 6/1/2020

ARC Presonel Reviewed and Approved by:

Approved by: **Print: Tom Martin** **Date:**

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	800-535-5053	34863

GENERATOR

5. Generator's Name and Mailing Address
J&M Walden Holdings Corp.'s
112 Halston Parkway
East Amherst, NY 14051
Generator's Phone: (716) 570-8075

Generator's Site Address (if different than mailing address)
Former Dortex BCP No. C915333
11075 Walden Avenue
Alden, NY 14004

6. Transporter 1 Company Name: Environmental Service Group, Inc 716.695.6720 — U.S. EPA ID Number: NYD986903904

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

8. Designated Facility Name and Site Address
American Recyclers Company
177 Wales Avenue
Tonawanda, NY 14150
Facility's Phone: 716.695.6720 — U.S. EPA ID Number: NYR000030809

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA Non DOT Regulated , -. (Debris)	001	DM	0500	P	EST Weight
2.	Non RCRA Non DOT Regulated, (Soil Cuttings)	006	DM	03000	P	EST Weight
3.	Non RCRA Non DOT Regulated , (Purge Water)	001	TP	0160	G	
4.						

13. Special Handling Instructions and Additional Information

ERG: Approval #:
1 - 1 - X-16844L
2 - 2 - A-16846L
3 - 3 - B-16845IN
4 - 4 -

Handling Codes:
1 - None
2 - None
3 - None
4 -

24 Hour Emergency Contact: INFOTRAC (Caller Must ID ESG)

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

Generator's/Offeror's Printed/Typed Name: Julia Torres (LaBella Associates DPC) — Signature: Julia K Torres — Month: 06 Day: 10 Year: 20

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Sean P. Winter — Signature: Sean P. Winter — Month: 06 Day: 10 Year: 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

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

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

Printed/Typed Name: Justin Ranville — Signature: Justin Ranville — Month: 06 Day: 10 Year: 20

TRANSPORTER #1

AMERICAN RECYCLERS COMPANY
Waste Profile Report (WPR)

177 Wales Avenue Tonawanda, New York 14151 *Phone (716) 695-6720 Fax (716) 695-0161*	**APPROVAL NUMBER:** H-17369IN **EXPIRATION DATE:** 10/5/2022 **HANDLING CODE:** B

Generator: J&M Walden Holdings Corp. EPA ID #:

Address: 11075 Walden Avenue Contact: Adam Zebrowski

City Alden STATE: NY ZIP: 14004 Phone: 716-840-2548 Fax:

Waste Name: Purge Water	Shipping Name: Non RCRA Non DOT Regulated
Generating Process: Well Monitoring	Rate of Generation: Once
	Container Type: 55 Gal Steel 1A2

Composition of Waste	%		%
Purge water	100 - 100		

Phase	%
Solids	
Liquid	
Sludge	
Debris	

Is the material RCRA listed or Characteristicly Hazardous?	☐ YES	☒ NO
Does the material contain Medical or Biological Wastes?	☐ YES	☒ NO
Does the material contain etiological waste?	☐ YES	☒ NO
Does the material contain, or has it come in contact with PCB's?	☐ YES	☒ NO
Is the material radioactive?	☐ YES	☒ NO
Does the material contain septic or domestic sewage?	☐ YES	☒ NO
Is the material Non-Hazardous as defined by RCRA Title 40?	☒ YES	☐ NO

Check all below which apply:

Material is to be shipped and recycled as Universal Waste	☐ YES	☒ NO
Material is to be shipped and recycled under 6 NYCRR Part 371.1(g)(1)(ii)(b) *(ie Computer Equipment & monitors)*	☐ YES	☒ NO
Material is being shipped for disposal/recycle via facility transfer/consolidation permit	☒ YES	☐ NO
Material is a Labpack and all contents are CERTIFIED as Non-RCRA	☐ YES	☒ NO
List all Lab Pack Container Numbers: *(Attach packing slips to profile)*		

I certify that the above submitted information (including any attachments) is true, accurate and complete to the best of my knowledge and ability and that all known and suspected hazards have been disclosed. All material offered herein is deemed Non-RCRA.

Signer Title Project Manager

Company LaBella Associates, D.P.C.

Signed: Adam Zebrowski **Print:** Adam Zebrowski **Date:** 10/8/2020

ARC Presonel Reviewed and Approved by:

Approved by: **Print: Tom Martin** **Date:**

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	800-535-5053	36174

GENERATOR

5. Generator's Name and Mailing Address
J and M Walden Holdings Corp
11075 Walden Avenue
Alden, NY 14004
Generator's Phone: 716-849-2548

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

6. Transporter 1 Company Name: Environmental Service Group, Inc 716.695.6720 — U.S. EPA ID Number: NYD986903904

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

8. Designated Facility Name and Site Address
American Recyclers Company
177 Wales Avenue
Tonawanda, NY 14150 716.695.6720
Facility's Phone: — U.S. EPA ID Number: NXR000036809

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA Non DOT Regulated Purge Water.	001	DM	055	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Also Fits: Approval #: 1 R-17369IN
1 - 2 -
2 - 3 -
3 - 4 -

Handling Codes:
1 - None
2 -
3 -
4 -

24 Hour Emergency Contact:
INFOTRAC (Caller Must ID ESG)
Consult ERG#:

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

Generator's/Offeror's Printed/Typed Name: Julian Mastropoll (As Agent) — Signature — Month 10 Day 09 Year 20

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Sean P. Winter — Signature — Month 10 Day 09 Year 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

Facility's Phone:

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

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

Printed/Typed Name: Justin Rainville — Signature — Month 10 Day 01 Year 20

DESIGNATED FACILITY TO GENERATOR