Former Hall-Welter Site

MONROE COUNTY

Rochester, NEW YORK

INTERIM SITE MANAGEMENT PLAN

NYSDEC Site Number: 828194

Prepared for:

Center Properties of Rochester, Inc.

1000 Elmwood Avenue, Rochester, NY

Prepared by:

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Revisions to Final Approved Site Management Plan:

Revision No.	Date Submitted	Summary of Revision	NYSDEC Approval Date

NOVEMBER 2019

CERTIFICATION STATEMENT

I DANIEL P. NOLL certify that I am currently a NYS registered professional engineer as defined in 6 NYCRR Part 375 and that this Site Management 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).

Daniel P. Noll P.E.

11/26/19 DATE

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INTERIM SITE MANAGEMENT PLAN

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List of Acronyms

AS	Air Sparging
ASP	Analytical Services Protocol
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CAMP	Community Air Monitoring Plan
C/D	Construction and Demolition
CFR	Code of Federal Regulation
CLP	Contract Laboratory Program
COC	Certificate of Completion
CO2	Carbon Dioxide
CP	Commissioner Policy
DER	Division of Environmental Remediation
EC	Engineering Control
ECL	Environmental Conservation Law
ELAP	Environmental Laboratory Approval Program
ERP	Environmental Restoration Program
EWP	Excavation Work Plan
GHG	Green House Gas
GWE&T	Groundwater Extraction and Treatment
HASP	Health and Safety Plan
IC	Institutional Control
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYCRR	New York Codes, Rules and Regulations
O&M	Operation and Maintenance
OM&M	Operation, Maintenance and Monitoring
OSHA	Occupational Safety and Health Administration
OU	Operable Unit
PID	Photoionization Detector
PRP	Potentially Responsible Party
PRR	Periodic Review Report
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
RP	Remedial Party
RSO	Remedial System Optimization
SAC	State Assistance Contract
SCG	Standards, Criteria and Guidelines

SCO	Soil Cleanup Objective
SMP	Site Management Plan
SOP	Standard Operating Procedures
SOW	Statement of Work
SPDES	State Pollutant Discharge Elimination System
SSD	Sub-slab Depressurization
SVE	Soil Vapor Extraction
SVI	Soil Vapor Intrusion
TAL	Target Analyte List
TCL	Target Compound List
TCLP	Toxicity Characteristic Leachate Procedure
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VCA	Voluntary Cleanup Agreement
VCP	Voluntary Cleanup Program

ES EXECUTIVE SUMMARY

The following provides a brief summary of the controls implemented for the Site, as well as the inspections, monitoring, maintenance and reporting activities required by this Interim Site Management Plan:

Site Identification: Former Hall-Welter Site, Site 828194

38-46 Mt. Hope Avenue, Rochester, NY

Institutional Controls:	1. The property may be used for commercial use;	
	2. All ECs must be inspected at a frequency and in a manner defined in the SMP.	
Engineering Controls:	1. Sub Slab Depressurization System (SSDS)	
Inspections:		Frequency
1. SSDS Inspection		Quarterly
Monitoring:		
Indoor Air Sampling		Annually
Maintenance:		
1. SSDS		As needed
Reporting:		
1. Periodic Review Report		Annually

Further descriptions of the above requirements are provided in detail in the latter sections of this Site Management Plan.

1.0 INTRODUCTION

1.1 General

This Interim Site Management Plan (ISMP) is a required element of the remedial program for the Former Hall-Welter Site located in Rochester, New York (hereinafter referred to as the "Site"). See Figure 1. The Site is currently in the New York State (NYS) Inactive Hazardous Waste Disposal Site Remedial Program, Site No. 828194 which is administered by New York State Department of Environmental Conservation (NYSDEC).

Center Properties of Rochester, Inc. entered into an Order on Consent, on June 23, 2017 with the NYSDEC solely to install and operate a soil vapor intrusion mitigation system at the site. A figure showing the site location and boundaries of this site is provided in Figure 1

This ISMP was prepared to manage the potential for soil vapor intrusion at the site until a Site Remedy and Final SMP are developed and approved by the NYDEC. This ISMP may only be revised with the approval of the NYSDEC.

It is important to note that:

- Failure to comply with this ISMP is also a violation of Environmental Conservation Law, 6NYCRR Part 375 and the Order on Consent (Index #R8-2017-0303-29; Site #828194) for the site, and thereby subject to applicable penalties.

All reports associated with the site can be viewed by contacting the NYSDEC or its successor agency managing environmental issues in New York State. A list of contacts for persons involved with the site is provided in Appendix 1 of this ISMP.

This ISMP was prepared by LaBella Associates, DPC, on behalf of Center Properties, LLC in accordance with the requirements of the NYSDEC's DER-10

("Technical Guidance for Site Investigation and Remediation"), dated May 2010, and the guidelines provided by the NYSDEC.

1.2 Revisions

Revisions to this plan will be proposed in writing to the NYSDEC's project manager. Revisions will be necessary upon, but not limited to, the following occurring: a change in media monitoring requirements, upgrades to or shut-down of a remedial system, post-remedial removal of contaminated sediment or soil, or other significant change to the site conditions. In accordance with the Environmental Easement for the site, the NYSDEC will provide a notice of any approved changes to the ISMP, and append these notices to the ISMP that is retained in its files.

1.3 Notifications

Notifications will be submitted by the property owner to the NYSDEC, as needed, in accordance with NYSDEC's DER – 10 for the following reasons:

- 60-day advance notice of any proposed changes in site use that are required under the terms of the, Order on Consent, 6NYCRR Part 375 and/or Environmental Conservation Law.
- 7-day advance notice of any field activity associated with the remedial program.
- 15-day advance notice of any proposed ground-intrusive activity pursuant to the Excavation Work Plan.
- Notice within 48-hours of any damage or defect to the foundation, structures or EC that reduces or has the potential to reduce the effectiveness of an EC, and likewise, any action to be taken to mitigate the damage or defect.
- Verbal notice by noon of the following day of any emergency, such as a fire; flood; or earthquake that reduces or has the potential to reduce the effectiveness of ECs in place at the site, with written confirmation within 7 days that includes a summary of actions taken, or to be taken, and the potential impact to the environment and the public.

- Follow-up status reports on actions taken to respond to any emergency event requiring ongoing responsive action submitted to the NYSDEC within 45 days describing and documenting actions taken to restore the effectiveness of the ECs.

Any change in the ownership of the site or the responsibility for implementing this ISMP will include the following notifications:

- At least 60 days prior to the change, the NYSDEC will be notified in writing of the proposed change. This will include a certification that the prospective purchaser has been provided with a copy of the Order on Consent, including this ISMP.

- Within 15 days after the transfer of all or part of the site, the new owner's name, contact representative, and contact information will be confirmed in writing to the NYSDEC.

Table 1A on the following page includes contact information for the above notification. The information on this table will be updated as necessary to provide accurate contact information. A full listing of site-related contact information is provided in Appendix 1.

Table 1A: Notifications*

Name	Contact Information
NYSDEC Project Manager Adam Morgan	(585) 226-5356 adam.morgan@dec.ny.gov
NYSDEC Regional HW Engineer David Pratt	(585) 226-5353 david.pratt@dec.ny.gov
NYSDEC Site Control Kelly Kewandowski	(518) 402-9547 kelly.lewandowski@dec.ny.gov
NYSDOH Project Manager Mark Sergott	(518) 402-7860 mark.sergott@health.ny.gov

* Note: Notifications are subject to change and will be updated as necessary.

2.0 SUMMARY OF PREVIOUS INVESTIGATIONS AND REMEDIAL ACTIONS

2.1 Site Location and Description

The site is located in Rochester, Monroe County, New York and is identified as Section 121, Subsection 48, Block 1 and Lot 80 on the Monroe County Tax Map (see Figure 2). The Site is an approximately 0.390-acre area and is bounded by an automotive repair facility to the north, Orion Alley and residential properties to the south, residential and commercial properties to the east, and Mt. Hope Avenue to the west (see Figure 3 – Site Layout Map). The owner of the site parcel at the time of issuance of this ISMP is Center Properties of Rochester, Inc. The Site has been the subject of a land contract between the Site owner, Center Properties of Rochester, Inc., and the tenant/contract vendee, JERSAM LLC. A portion of the Site building is occupied currently by a dance studio.

2.2 Physical Setting

2.2.1 Land Use

The Site consists of the following: one single story, 13,701 square foot structure constructed in 1940. The remainder of the site consists of asphalt paved parking and concrete sidewalks. The Site is zoned CCD-R Center City Riverfront and is currently vacant. The most recent Site occupants included a church and various small retail tenants.

The properties adjoining the Site and in the neighborhood surrounding the Site primarily include commercial and residential properties. The properties immediately south of the Site include residential properties; the properties immediately north of the Site include commercial properties; the properties immediately east of the Site include commercial and residential properties; and the properties to the west of the Site include commercial properties.

2.2.2 Geology

Overburden soils encountered in soil borings advanced as part of previous investigations consisted generally of brown fine to medium sand with varying amounts of fine to medium gravel. Apparent fill material consisting of sand and gravel with varying amounts of ash and cinders was encountered in borings overlying native soils.

Bedrock is present at the Site at depths ranging between 14 and 17 feet below ground surface (bgs). Bedrock beneath the site consists of light gray limestone of the Upper Silurian Lockport Group.

Boring logs from previous investigations are include in Appendix 2.

2.2.3 Hydrogeology

Overburden groundwater at the Site is present at depths of approximately 9 to 10 feet bgs. Overburden groundwater flow is to the northwest, towards the Genesee River.

A City of Rochester ordinance forbids use of groundwater for potable purposes within City limits. Sources of municipal water primarily include Canadice and Hemlock Lakes, located approximately 25 miles south of the Site.

A groundwater contour map is shown in Figure 4.

2.3 Investigation and Remedial History

The following environmental assessments/investigations have been performed at the Site:

Phase I ESA – LCS, September 2013

LCS, Inc. completed a Phase I ESA for the Site in September 2013. The LCS Phase I identified six known or suspected recognized environmental conditions (RECs) including lack of documentation relative to the removal of an 6,000-gallon heating oil underground

storage tank (UST) in 1988, historical manufacturing operations including solvent use at the Site and at adjacent properties to the north and west by a former owner.

Phase II ESA – LaBella, October 2013

In October 2013 LaBella performed a Phase II ESA at the Site to address the following issues:

1. An assessment of soil and groundwater conditions in the location of a 6,000-gallon heating oil underground storage tank (UST) reportedly removed from the north side of the Site building.
2. Historic Site use, including automotive service, machine shop/manufacturing and chemical use at the Site.

Eight outdoor soil borings were completed at the Site on October 22, 2013. Based on the findings of the investigation, petroleum impacts were not identified in the location of the former 6,000-gallon heating oil UST. The distribution of soil borings and samples collected are consistent with those typically collected during closure of a tank of this size, and the sand and gravel material encountered in the proximate center of the former UST is consistent with commonly used fill material. As such, the former UST was determined to no longer be of concern.

The chlorinated volatile organic compound (VOCs) tetrachloroethene (PCE) was detected in soil and groundwater samples collected during the investigation. Trichloroethene (TCE) and cis-1,2-Dichloroethene (DCE) were detected in groundwater at the Site as well. The concentrations of PCE detected in soil were below NYSDEC Unrestricted Use Soil Cleanup Objectives (SCOs). Groundwater concentrations, while relatively low, were above NYSDEC groundwater standards.

Based on the findings of the Phase II ESA it could not be determined if the PCE, TCE and DCE concentrations detected at the Site originate from the Site, or from an off-site location. LaBella recommended additional investigation to determine the presence of a source area beneath the Site building or a potential off-site location.

Supplemental Phase II ESA – LaBella, November 2013

An additional seven (7) soil borings and four (4) overburden groundwater monitoring wells were installed within the footprint of the Site building in November 2013. The combined findings of the investigations performed indicated that low concentrations of VOCs were present in soils site wide at concentrations below 6 NYCRR Part 375-6.8(a) Unrestricted Use SCOs. Chlorinated VOCs were detected in groundwater site wide at concentrations exceeding NYSDEC TOGS 1.1.1 standards. Overburden groundwater flow at the Site is to the northwest, towards Mt. Hope Avenue and the Genesee River. Based on field observations and laboratory analysis an on-site source of chlorinated VOC impacts was not identified. A vertical column of impacted soil was not observed in soil borings, and the highest headspace readings encountered in Site soils were from saturated soils, indicating likely transport in groundwater from an up gradient location. Based on the potential for an up gradient off-site source of chlorinated VOC impacts, additional investigation was recommended.

Bedrock Well Installation/Vapor Intrusion Assessment – LaBella, February 2014

In February 2014 a bedrock groundwater monitoring well was installed upgradient of the Site building, south of the loading dock. TCE was detected in overburden soil, with the highest concentration, 3,500 µg/Kg, detected at one (1) foot below ground surface (bgs). The high concentrations detected in shallow soil are indicative of a nearby surface release in the vicinity of BW-01. It should be noted that BW-01 was installed approximately 15 feet south of the loading dock door and outside of the Site boundaries due to the presence of the storm sewer and overhead obstructions. A vertical column was not observed in the soil boring, however given the presence of the foundation wall it is unlikely that the source of the release was inside the Site building.

Sub slab and corresponding indoor air samples were collected from three locations in the Site building. The findings of the vapor intrusion assessment indicate that chlorinated VOCs were present in significant concentrations in sub-slab vapor and in concentrations above NYSDOH mitigation criteria in the ambient air in the Site building. It was apparent

that a vapor intrusion concern was present at the Site. LaBella recommended that a sub slab depressurization system be installed at the Site to mitigate sub slab vapors.

Mitigation Activities

In 2014 a sub slab depressurization system (SSDS) was installed on behalf of Center Properties in the basement section of the Site building. In December 2015, upgrades to the existing SSDS were performed which included the following:

1. Sealing all openings in cracks in the basement floor.
2. Installation of an alarm and U-tube style manometer on the SSDS system piping.
3. Extension of the SSDS exhaust piping above the roofline.
4. Performance of a pressure field extension test in the basement.

The pressure field extension test indicated sub slab pressure measurements ranging from -0.026 to -0.473 inches of water column measured on a digital micromanometer.

In February 2016 Center Properties engaged LaBella to install a second SSDS in the storage area on the south side of the Site building to address vapor intrusion issues identified in the southern section of the building. The system consisted of a four inch diameter PVC pipe installed into a suction pit proximate GPMW-11. The piping penetrates the southern exterior wall and is equipped with a Radonaway GP-501 centrifugal vent fan. The exhaust piping extends above the roofline and is equipped with a bird screen. The system is equipped with an alarm on a separate circuit and a U-tube style manometer. Post-mitigation indoor air sampling indicated a significant reduction in TCE concentrations in indoor air, however concentrations remained above the NYSDEC air guideline of 2.0 $\mu g/m^3$. Laboratory analysis of indoor air samples before and after installation of the 2016 SSD system are presented in Table 4.

In March 2017 Mitigation Tech was retained to perform pressure field extension testing and design an SSDS to ensure entire Site building coverage, incorporating previously installed systems. The system was installed in October 2017 and consists of three additional

roof mounted fans connected by manifold piping to vapor extraction points. A performance evaluation conducted subsequent to installation indicated that the combined SSDS were depressurizing the entire sub slab area to a minimum negative pressure of 0.004 inches of water column. Subsequent indoor air testing determined that TCE concentrations in indoor air were below the NYSDEC air guideline of 2.0 µg/m^3. This sampling is summarized in the SSDS Construction Completion Report which is included as Appendix 5.

2.4 Remedial Action Objectives

The Remedial Action Objectives (RAOs) for the Site have not been established. The NYSDEC generic RAOs are as follows:

Groundwater

RAOs for Public Health Protection

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles from contaminated groundwater.

RAOs for Environmental Protection

- Restore ground water aquifer to pre-disposal/pre-release conditions, to the extent practicable.
- Prevent the discharge of contaminants to surface water.
- Remove the source of ground or surface water contamination.

Soil

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.
- Prevent impacts to biota from ingestion/direct contact with soil causing toxicity or impacts from bioaccumulation through the terrestrial food chain.

Surface Water

RAOs for Public Health Protection

- Prevent ingestion of water impacted by contaminants.
- Prevent contact or inhalation of contaminants from impacted water bodies.
- Prevent surface water contamination which may result in fish advisories.

RAOs for Environmental Protection

- Restore surface water to ambient water quality criteria for the contaminant of concern.
- Prevent impacts to biota from ingestion/direct contact with surface water causing toxicity and impacts from bioaccumulation through the marine or aquatic food chain.

Sediment

RAOs for Public Health Protection

- Prevent direct contact with contaminated sediments.
- Prevent surface water contamination which may result in fish advisories.

RAOs for Environmental Protection

- Prevent releases of contaminant(s) from sediments that would result in surface water levels in excess of (ambient water quality criteria).
- Prevent impacts to biota from ingestion/direct contact with sediments causing toxicity or impacts from bioaccumulation through the marine or aquatic food chain.
- Restore sediments to pre-release/background conditions to the extent feasible.

Soil Vapor

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.

2.5 Remaining Contamination

Remedial actions have not been performed to date. The information provided in this section is based on the results of prior sampling at the Site by the Site owner. Soil and groundwater samples collected at the Site have not been analyzed for the full suite of contaminants. Any testing performed by NYSDEC or its contractors has not been incorporated into this document. To date, sampling by the Site owner has been limited to VOCs and in limited cases SVOS (i.e., in soil samples proximate the former heating oil underground storage tank).

2.5.1 Soil

Previous sampling results indicate that tetrachloroethene (PCE), trichloroethene (TCE) and cis-1,2-Dichloroethene (DCE) were detected in soil samples collected from beneath the Site building. However, all detected concentrations were below Unrestricted Use SCOs.

2.5.2 Groundwater

Groundwater samples were collected from overburden groundwater monitoring wells installed within the Site building during prior investigations. PCE was detected all samples at concentrations ranging from 13 µg/L (GPMW-10) to 430 µg/L (GPMW-12). TCE was detected in all samples at concentrations ranging from 48 µg/L (GPMW-9) to 150 µg/L (GPMW-11). DCE was detected in all samples at concentrations ranging from 2.4 µg/L (GPMW-9) to 17 µg/L (GPMW-10).

Table 2 and Figure 5 summarize the results of all samples of groundwater that exceed Part 703 groundwater standards.

2.5.3 Soil Vapor

A vapor intrusion assessment was performed at the Site in February 2014. The results of the sampling indicated that PCE was present in sub slab vapor at concentrations of up to 350 µg/m3. TCE was present at concentrations of up to 33,000 µg/m3.

Table 3 and Figure 5 summarize the results of all samples of soil vapor.

3.0 INSTITUTIONAL AND ENGINEERING CONTROL PLAN

3.1 General

Since remaining contamination exists at the site, Institutional Controls (ICs) and Engineering Controls (ECs) are required to protect human health and the environment. This IC/EC Plan describes the procedures for the implementation and management of all IC/ECs at the site. The IC/EC Plan is one component of the SMP and is subject to revision by the NYSDEC.

This plan provides:

- A description of all IC/ECs on the site;
- The basic implementation and intended role of each IC/EC;
- A description of plans and procedures to be followed for implementation of IC/ECs, such as the implementation of the Excavation Work Plan (EWP) (as provided in Appendix 3) for the proper handling of remaining contamination that may be disturbed during maintenance or redevelopment work on the site; and
- Any other provisions necessary to identify or establish methods for implementing the IC/ECs required by the site remedy, as determined by the NYSDEC.

3.2 Institutional Controls

The final SMP for the Site will include all applicable ICs/ECs as defined in the remedy for the Site.

3.3 Engineering Controls

3.3.1 Sub-slab Depressurization System

A sub slab depressurization system (SSDS) was installed at the Site to mitigate vapor intrusion into the Site building. The system consists of five (5) roof mounted fans connected by manifold piping to vapor extraction points.

Procedures for operating and maintaining the SSDS are documented in the Operation and Maintenance Plan (Section 5.0 of this SMP). An as built drawing, signed and sealed by a professional engineer, is included as Figure 6.

3.3.2 Criteria for Completion of Remediation/Termination of Remedial Systems

Generally, remedial processes are considered completed when monitoring indicates that the remedy has achieved the remedial action objectives identified by the decision document. The framework for determining when remedial processes are complete is provided in Section 6.4 of NYSDEC DER-10.

The active SSD system will not be discontinued unless prior written approval is granted by the NYSDEC and the NYSDOH. In the event that monitoring data indicates that the SSD system may no longer be required, a proposal to discontinue the SSD system will be submitted by the remedial party to the NYSDEC and NYSDOH.

4.0 MONITORING AND SAMPLING PLAN

4.1 General

This Monitoring and Sampling Plan describes the requirements for operating and maintaining the SSDS.

This Monitoring and Sampling Plan describes the methods to be used for:

- Sampling and analysis of all appropriate media (e.g., groundwater, indoor air, soil vapor, soils);
- Assessing compliance with applicable NYSDEC standards, criteria and guidance (SCGs)

To adequately address these issues, this Monitoring and Sampling Plan provides information on:

- Sampling locations, protocol and frequency;
- Analytical sampling program requirements;
- Annual inspection and periodic certification.

Reporting requirements are provided in Section 7.0 of this SMP.

4.2 Treatment System Monitoring and Sampling

4.2.1 Remedial System Monitoring

Monitoring of the SSDS will be performed on a routine basis, as identified in Table 1B Remedial System Monitoring Requirements and Schedule (see below). Modification to the frequency or sampling requirements will require approval from the NYSDEC. A visual inspection of the complete system will be conducted during each monitoring event.

Unscheduled inspections and/or sampling may take place when a suspected failure of the SSDS system has been reported or an emergency occurs that is deemed likely to affect the operation of the system. SSDS system components to be monitored include, but are not limited to, the components included in Table 1B below.

Table B – Remedial System Monitoring Requirements and Schedule

Remedial System Component	Monitoring Parameter	Operating Range	Monitoring Schedule
U-tube manometer	Visual inspection	Negative pressure	Monthly
Fans	Visual inspection	NA	Annually
Alarms	Function check, disconnect power	NA	Annually

A complete list of components to be inspected is provided in the Inspection Checklist, provided in Appendix 4 - Site Management Forms. If any equipment readings are not within their specified operation range, any equipment is observed to be malfunctioning or the system is not performing within specifications; maintenance and repair, as per the Operation and Maintenance Plan, is required immediately.

4.3 Media Monitoring and Sampling

Samples shall be collected from the indoor air on a routine basis. Sampling locations, required analytical parameters and schedule are provided in Table 1C – Sampling Requirements and Schedule below. Modification to the frequency or sampling requirements will require approval from the NYSDEC.

Table C–Sampling Requirements and Schedule

Sampling Location	Analytical Parameters	Schedule
	VOC (EPA Method TO-15)	
IA-1	X	Annually
IA-2	X	Annually
IA-3	X	Annually
IA-4	X	Annually
IA-5	X	Annually
IA-6	X	Annually
IA-7	X	Annually

5.0 OPERATION AND MAINTENANCE PLAN

5.1 General

This Operation and Maintenance Plan provides a brief description of the measures necessary to operate, monitor and maintain the mechanical components of the SSDS. This Operation and Maintenance Plan:

- Includes the procedures necessary to allow individuals unfamiliar with the site to operate and maintain the SSDS.

Further detail regarding the Operation and Maintenance of the SSDS is provided in Appendix 4 - Operation and Maintenance Manual. A copy of this Operation and Maintenance Manual, along with the complete ISMP, is to be maintained at the site. This Operation and Maintenance Plan is not to be used as a stand-alone document, but as a component document of this ISMP. Further detail regarding the installation and post-startup data collected is provided in the Construction Completion Report – Interim Remedial Measures, Sub Slab Depressurization System Installation, which is included as Appendix 5.

5.2 Operation and Maintenance of Sub-Slab Depressurization System

The following sections provide a description of the operations and maintenance of the SSDS.

5.2.1 System Start-Up and Testing

After the SSDS is installed or modified a start-up test will be performed to evaluate the effectiveness of the SSDS. The first step will be to start each of the SSDS fans on the roof of the building to document that the fans are functioning properly. Once the fans are fully operational at the roof level, a digital micromanometer will be used to collect vacuum readings from the pressure field extension (PFE) monitoring points in the basement of the

building. PFE measurements will need to achieve a minimum of 0.01 inches of water vacuum in order to meet the performance requirements of the October 2006 NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. If these criteria are not met, adjustments will be made to the SSDS fans to increase air flow and vacuum influence including replacement of the fans with larger fans, if necessary.

The system testing described above will be conducted if, in the course of the SSDS lifetime, the system goes down or significant changes are made to the system and the system must be restarted.

5.2.2 Routine System Operation and Maintenance

All fans must be kept in continuous operation. Fans must restart automatically in event of power loss. Fan gauges must be regularly inspected to verify that values have not changed significantly.

5.2.3 Non-Routine Operation and Maintenance

In the event of unusual fan noise, failure to start, physical damage or repeated circuit breaker trip, turn fan off and service or replace. Any changes in the structure, HVAC systems, slab conditions, etc. will require a re-evaluation of the SSDS.

5.2.4 System Monitoring Devices and Alarms

The SSDS has warning devices to indicate that the system is not operating properly. In the event that warning device is activated, applicable maintenance and repairs will be conducted, as specified in the Operation and Maintenance Plan, and the SSDS will be restarted. Operational problems will Reported to the NYSDEC project manager.

6.0 PERIODIC ASSESSMENTS/EVALUATIONS

6.1 Climate Change Vulnerability Assessment

Increases in both the severity and frequency of storms/weather events, an increase in sea level elevations along with accompanying flooding impacts, shifting precipitation patterns and wide temperature fluctuation, resulting from global climactic change and instability, have the potential to significantly impact the performance, effectiveness and protectiveness of a given site and associated remedial systems. Vulnerability assessments provide information so that the site and associated remedial systems are prepared for the impacts of the increasing frequency and intensity of severe storms/weather events and associated flooding.

The final SMP will provide a summary of vulnerability assessments that will be conducted for the site during periodic assessments, and will briefly summarize the vulnerability of the site and/or engineering controls to severe storms/weather events and associated flooding.

6.2 Green Remediation Evaluation

NYSDEC's DER-31 Green Remediation requires that green remediation concepts and techniques be considered during all stages of the remedial program including site management, with the goal of improving the sustainability of the cleanup and summarizing the net environmental benefit of any implemented green technology. The final SMP will provide a summary of any green remediation evaluations to be completed for the site during site management, and as reported in the Periodic Review Report (PRR).

6.3 Remedial System Optimization

Remedial Site Optimization (RSO) will be addressed in the final SMP.

7.0 REPORTING REQUIREMENTS

7.1 Site Management Reports

All site management inspection, maintenance and monitoring events will be recorded on the appropriate site management forms provided in Appendix 3. These forms are subject to NYSDEC revision.

All applicable inspection forms and other records, including media sampling data and system maintenance reports, generated for the site during the reporting period will be provided in electronic format to the NYSDEC in accordance with the requirements of Table C and summarized in the Periodic Review Report.

Table C: Schedule of Interim Monitoring/Inspection Reports

Task/Report	Reporting Frequency*
Periodic Review Report	Annually

* The frequency of events will be conducted as specified until otherwise approved by the NYSDEC.

Data will be reported in digital format as determined by the NYSDEC. Currently, data is to be supplied electronically and submitted to the NYSDEC EQuIS™ database in accordance with the requirements found at this link http://www.dec.ny.gov/chemical/62440.html.

7.2 Periodic Review Report

A Periodic Review Report (PRR) will be submitted to the Department beginning sixteen (16) months after the NYSDEC acceptance of the Construction Completion Report. After submittal of the initial Periodic Review Report, the next PRR shall be submitted annually to the Department or at another frequency as may be required by the Department. The report will be prepared in accordance with NYSDEC's DER-10 and submitted within 30 days of the end of each certification period. Media sampling results will also be incorporated into the Periodic Review Report. The report will include:

- Identification, assessment and certification of all ECs/ICs required identified in this ISMP.

- Results of the required annual site inspections and severe condition inspections, if applicable.

- All applicable site management forms and other records generated for the site during the reporting period in the NYSDEC-approved electronic format, if not previously submitted.

- A summary of any discharge monitoring data and/or information generated during the reporting period, with comments and conclusions.

- Data summary tables and graphical representations of contaminants of concern by media (groundwater, soil vapor, etc.), which include a listing of all compounds analyzed, along with the applicable standards, with all exceedances highlighted. These will include a presentation of past data as part of an evaluation of contaminant concentration trends.

- Results of all analyses, copies of all laboratory data sheets, and the required laboratory data deliverables for all samples collected during the reporting period will be submitted in digital format as determined by the NYSDEC. Currently, data is supplied electronically and submitted to the NYSDEC EQuIS™ database in accordance with the requirements found at this link: http://www.dec.ny.gov/chemical/62440.html.

7.2.1 Certification of Institutional and Engineering Controls

Following the last inspection of the reporting period, a qualified environmental professional or Professional Engineer licensed to practice in New York State will prepare, and include in the Periodic Review Report, the following certification as per the requirements of NYSDEC DER-10:

"*For each institutional or engineering control identified for the site, I certify that all of the following statements are true:*

- *The inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;*

- *The institutional control and/or engineering control employed at this site is unchanged from the date the control was put in place, or last approved by the Department;*

- *Nothing has occurred that would impair the ability of the control to protect the public health and environment;*

- *Nothing has occurred that would constitute a violation or failure to comply with any site management plan for this control;*

- *Access to the site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;*

- *If a financial assurance mechanism is required under the oversight document for the site, the mechanism remains valid and sufficient for the intended purpose under the document;*

- *Use of the site is compliant with the environmental easement;*

- *The engineering control systems are performing as designed and are effective;*

- *To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program and generally accepted engineering practices; and*

- *The information presented in this report is accurate and complete.*

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, [name], of [business address], am certifying as [Owner or Owner's Designated Site Representative]

7.3 Corrective Measures Work Plan

If any component of the SSDS is found to have failed, or if the periodic certification cannot be provided due to the failure of an engineering control, a Corrective Measures Work Plan will be submitted to the NYSDEC for approval. This plan will explain the failure and provide the details and schedule for performing work necessary to correct the failure. Unless an emergency condition exists, no work will be performed pursuant to the Corrective Measures Work Plan until it has been approved by the NYSDEC.

8.0 REFERENCES

6NYCRR Part 375, Environmental Remediation Programs. December 14, 2006.

NYSDEC DER-10 – "Technical Guidance for Site Investigation and Remediation".

NYSDEC, 1998. Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1. June 1998 (April 2000 addendum).

Phase I ESA – LCS, Inc., September 2013

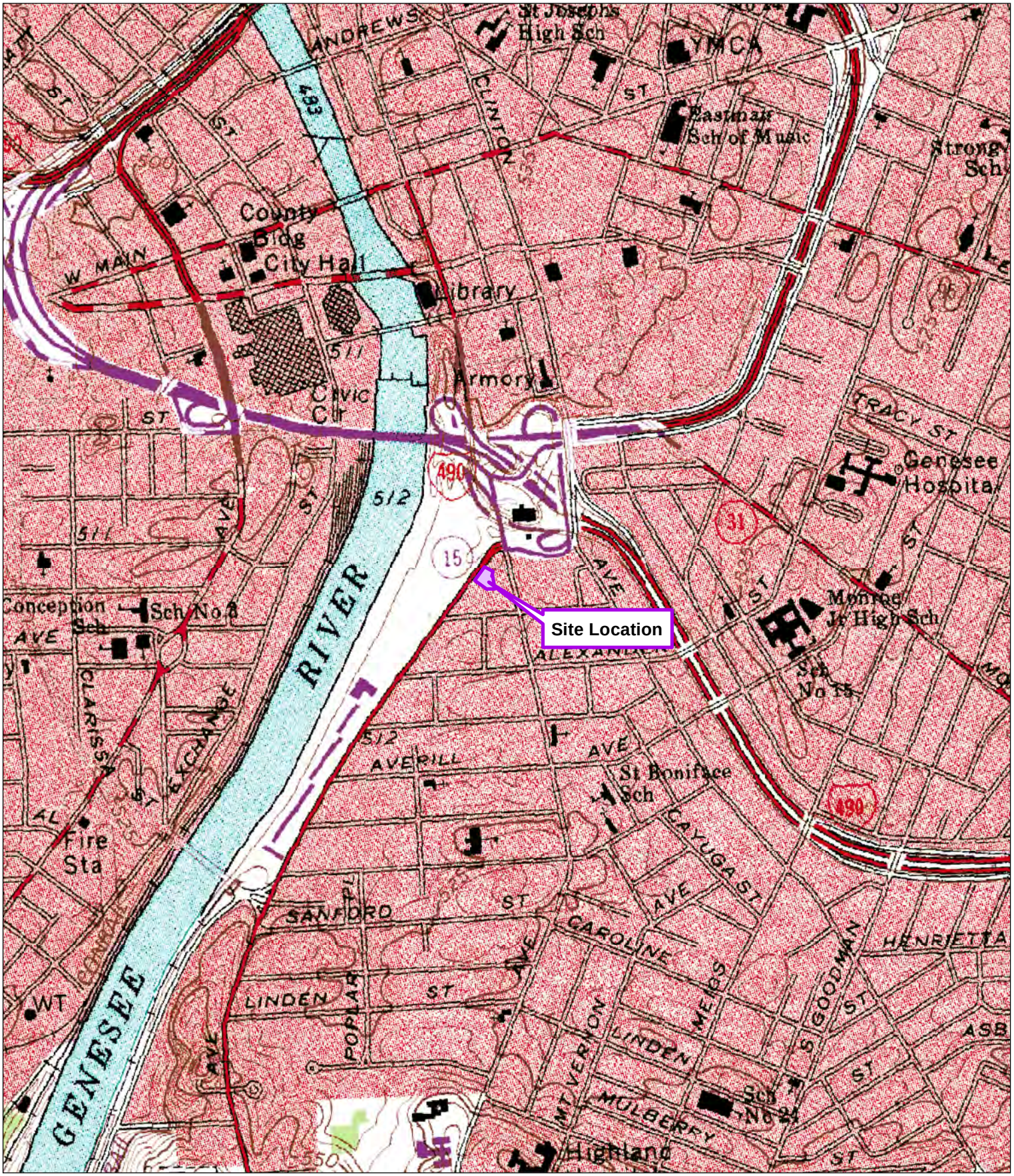
Phase II ESA – LaBella, October 2013

Supplemental Phase II ESA – LaBella, November 2013

Bedrock Well Installation/Vapor Intrusion Assessment – LaBella, February 2014

SSDS Construction Completion Report – LaBella, November 2018

FIGURES



PROJECT #/DRAWING #/DATE:	DRAWING NAME:	CLIENT:	
2160225 FIGURE 1 11/15/2018	SITE LOCATION MAP	CENTER PROPERTIES OF ROCHESTER, INC. PROJECT: Interim Site Management Plan Former Hall-Welter Site 38-46 MOUNT HOPE AVENUE ROCHESTER, NEW YORK	N W E S 0 500 1,000 Feet 1 inch = 1,000 feet INTENDED TO PRINT AS: 8.5" X 11" LaBella Powered by partnership.

DATE	MADE BY	BLOCK	REVISION
10521992	AJH	1	DROP: LOT 8.39 ADD: 1-27.1
8181993	AJH	1	ADD: 62.79/SU.97.59/L MAPPING CORRECT.
3251994	MDC	1	DROP: 8.62/SU.5.1/ PER SURVEY/SU.P.737
10241994	MDC	1	DROP: 8.62/SU.5.1/ PER SURVEY/SU.P.737
1291995	MDC	1	DROP: 66.82 ADD: 66.1 PER MLT RESURD.
3251995	JMB	1	DROP: 67.74/SU.68.42/D. 63.1 THRU 65.1 PER FILED MAP L251 P22
81111997	DSM	1	REVISE: WIDENING LINE PER DRD 87-97
3251998	MDC	1	DROP: 1.1/SU.105/L.108 ADD: 1.1/SU.105/L.81-141
3251998	MDC	1	ADD: POL, 56 ORIGINAL MAPPING ERROR
6251999	SJ	1	DROP: 94, 84 ADD: 94.1, 94.1 PER FILED MAP L293 P70
8251963	DCA	1	DROP: 86, 87 NOW PT OF 121.65-1-3.1 PER MLT RES./BD.
10291998	DCA	1	DROP: 18 ADD: 18.1, PT 121.20-2-11 PER MLT RES/BD.
9791999	SBS	1	DROP: 4.1, 5.1 & 5 ADD: 4.2 PER MLT RES/BD.
3311999	SBS	1	DROP: 2 ORIGINAL MAPPING ERROR

DATE	MADE BY	BLOCK	REVISION
2/14/2000	SBS	1	DROP: 40.1,48.01 ADD: 40.1 PER MLT RESURD.
1/7/2004	SBS	1	DROP: 54.1,55,54.1 ADD: 54.1 PER MLT SES/BD.
10/7/2004	SBS	1	DROP: 58.1,70.1,94-1.1,95 ADD: 89.3 PER MLT RES/BD.
12/1/2004	SBS	1	DROP: 1.1 ADD: 1.2 PER MAP FILED L293 P.70 & 2004 FTP
6/18/2006	SBS	1	DROP: ALL/SU.C.TOMMASO TRACT/L.TERRACE PLACE PER ORDINANCE NO. 2007-178
6/28/2010	SBS	1	DROP: 64.32 ADD: 64.1 PER MLT RES/SURD.
7/30/2013	SBS	1	DROP: 1.98 ADD: 1.1 PER MLT RES/BURD.
7/30/2013	SBS	1	DROP: 26.31.1 ADD: 31.2 PER MLT RES/BD.
7/30/2013	SBS	1	DROP: 4.5, 6.1, 10, 10.1 ADD: 4.3 PER MLT RES/BD.

Figure 2

Property Line	Great Lot or Tract Line	Great Lot or Tract No	2	Tax Map Parcel No	
Original Sublot Line	Bartholomew Line	Tax Map Block No	14	Original Sublot No	
Railroad	Easement	Centroid Position	17.5A	Acreage	
Water Course	RCS Monument	Street Address	225.54	Lot Dimension	
City Boundary	RTS Monument	45-34-10 RTS Monument Text	173.35(D)	Deed Dimension	
Block Limit Line	Fed Agency Monument	Denotes Parcel Continuation	472.81 M	Monument Distance	
			471.12 PL	Total Property Line Distance	

50 0 50 Feet
15 0 15 Meters

N

121.39	121.40	121.41
121.47	**121.48**	121.49
121.55	121.56	121.57

SHEET INDEX

TAX MAP **121.48**

CITY OF ROCHESTER
Monroe County, New York

Prepared By
REAL PROPERTY SERVICE AGENCY

SCALE: 1" = 50'

Map Date: March 20, 2018

D 30, M: 1, 2, 4 D 22, M: 4, 6, 7, 8

WARNING: Use of monument and penalty for destruction thereof is established by law. Contact the Monroe County Surveyor for exact monument location.

PROJECT #/DRAWING #/DATE: 2160225 FIGURE 3 11/15/2018	DRAWING NAME: SITE LAYOUT MAP	CLIENT: CENTER PROPERTIES OF ROCHESTER, INC. PROJECT: Interim Site Management Plan Former Hall-Welter Site 38-46 MOUNT HOPE AVENUE ROCHESTER, NEW YORK	N W E S 0 30 60 Feet 1 inch = 75 feet INTENDED TO PRINT AS: 8.5" X 11" LaBella Powered by partnership.

PROJECT #/DRAWING #/DATE:

2160225

FIGURE 4

11/15/2018

DRAWING NAME:

GROUNDWATER CONTOUR MAP

NOVEMBER 2013

CLIENT:

CENTER PROPERTIES OF ROCHESTER, INC.

PROJECT:

Interim Site Management Plan
Former Hall-Welter Site
38-46 MOUNT HOPE AVENUE
ROCHESTER, NEW YORK

N
W E
S

0 10 20 Feet

1 inch = 25 feet

INTENDED TO PRINT AS: 8.5" X 11"

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Powered by partnership.

PROJECT #/DRAWING #/DATE:

2160225

FIGURE 5

11/15/2018

DRAWING NAME:

SAMPLE LOCATION MAP

CLIENT:

CENTER PROPERTIES OF ROCHESTER, LLC

PROJECT:

Interim Site Management Plan
Former Hall-Welter Site
38-46 MOUNT HOPE AVENUE
ROCHESTER, NEW YORK

N
W E
S

0 10 20 Feet

1 inch = 25 feet

INTENDED TO PRINT AS: 8.5" X 11"

LaBella
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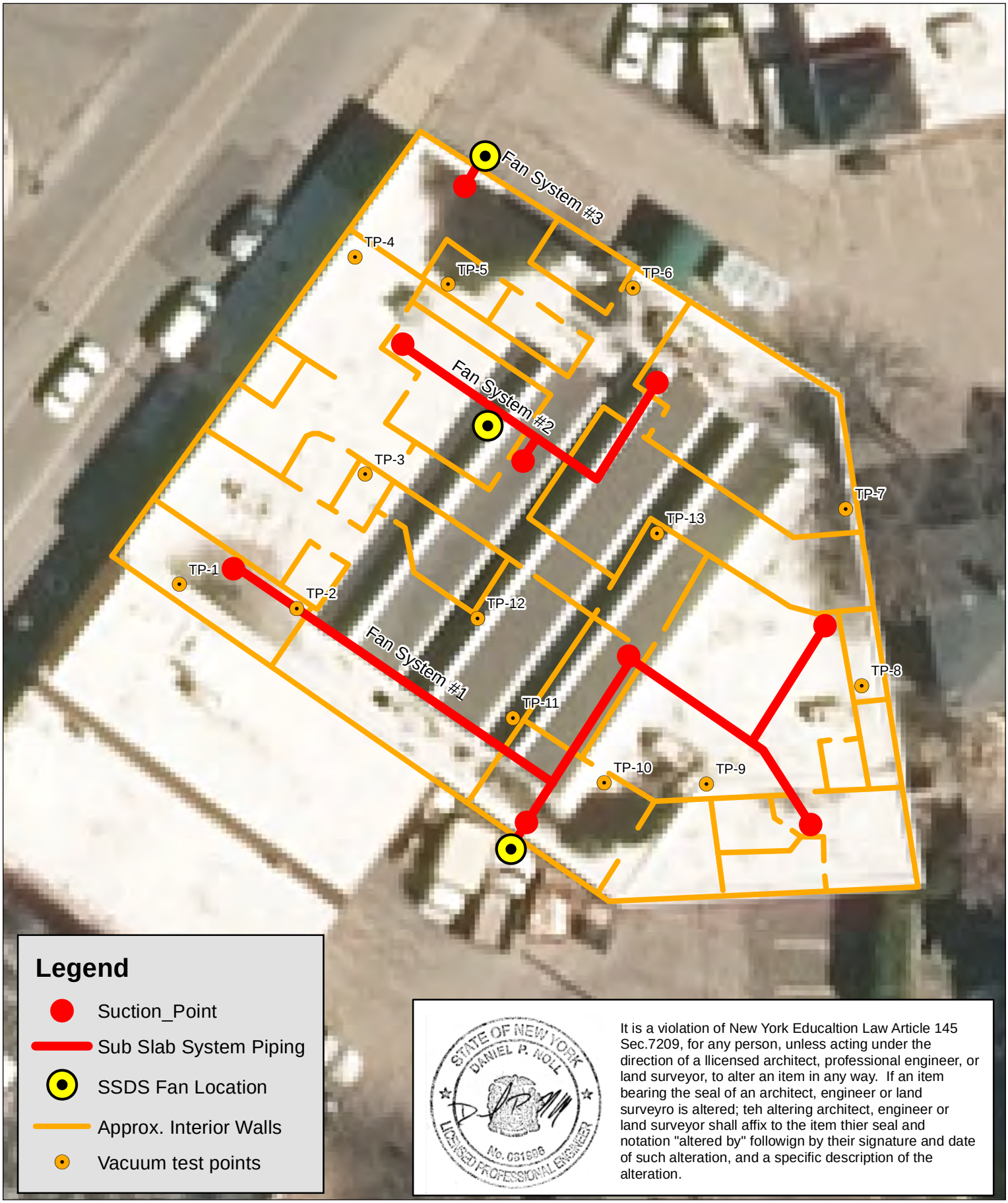


STATE OF NEW YORK
DANIEL P. NOLL
No. 081696
LICENSED PROFESSIONAL ENGINEER

It is a violation of New York Educaltion Law Article 145 Sec.7209, for any person, unless acting under the direction of a llicensed architect, professional engineer, or land surveyor, to alter an item in any way. If an item bearing the seal of an architect, engineer or land surveyro is altered; teh altering architect, engineer or land surveyor shall affix to the item thier seal and notation "altered by" followign by their signature and date of such alteration, and a specific description of the alteration.

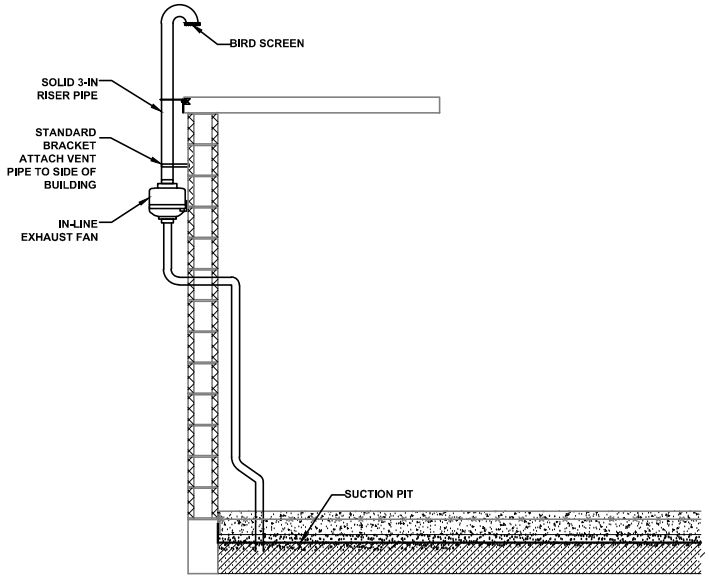
PROJECT #/DRAWING #/DATE:
2160225
FIGURE 6
11/15/2018

DRAWING NAME:
Sub Stab Depressurization System As-Built

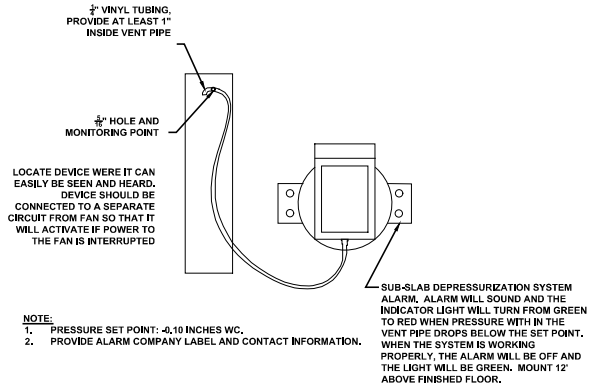
CLIENT:
CENTER PROPERTIES OF ROCHESTER, INC.
PROJECT:
Interim Site Management Plan
Former Hall-Welter Site
38-46 MOUNT HOPE AVENUE
ROCHESTER, NEW YORK

N
W E
S
0 10 20
Feet
1 inch = 25 feet
INTENDED TO PRINT AS: 8.5" X 11"

LaBella
Powered by partnership.



CROSS SECTION VIEW AT EXTERIOR WALL (TYPICAL)
SCALE: NONE



NOTE:
1. PRESSURE SET POINT: -0.10 INCHES WC.
2. PROVIDE ALARM COMPANY LABEL AND CONTACT INFORMATION.

SUBSLAB DEPRESSURIZATION SYSTEM ALARM DETAIL (TYPICAL)
SCALE: NONE

STATE OF NEW YORK
DANIEL P. NOLL
No. 081686
LICENSED PROFESSIONAL ENGINEER

LaBella
Powered by partnership.

PROJECT/CLIENT
46 MOUNT HOPE AVENUE
ROCHESTER, NEW YORK

DRAWING TITLE
SUB-SLAB DEPRESSURIZATION SYSTEM DETAILS

ISSUED FOR:

DESIGNED BY: DKE
DRAWN BY: DRP
REVIEWED BY: DPN

DATE: APRIL 2016

PROJECT/DRAWING NUMBER
2160225

FIGURE 6A

TABLES

TABLE 2

46 Mt. Hope Avenue, Rochester, NY

Volatile Organic Compounds in Groundwater

USEPA Method 8260

SAMPLE DATE - 11/27/13

Well ID / Location	Units	NYSDEC Division of Water TOGS 1.1.1 Groundwater Standard	GPMW-6	GPMW-9	GPMW-10	GPMW-11	GPMW-12
Acetone	µg/L	50	50 U	50 U	50 U	500 U	50 U
Benzene	µg/L	1	1.0 U	1 U	1 U	10 U	1 U
Bromochloromethane	µg/L	5	1.0 U	1 U	1 U	10 U	1 U
Bromodichloromethane	µg/L	50	1.0 U	1 U	1 U	10 U	1 U
Bromoform	µg/L	50	1.0 U	1 U	1 U	10 U	1 U
Bromomethane	µg/L	5	5.0 U	5 U	5 U	5 U	5 U
Carbon Disulfide	µg/L	120	1.0 U	1 U	1 U	10 U	1 U
Carbon Tetrachloride	µg/L	5	1.0 U	1 U	1 U	10 U	1 U
Chlorobenzene	µg/L	5	1.0 U	1 U	1 U	10 U	1 U
Chlorodibromoethane	µg/L	50	1.0 U	1 U	1 U	10 U	1 U
Chloroethane	µg/L	5	5.0 U	5 U	5 U	50 U	5 U
Chloroform	µg/L	7	5.0 U	5 U	5 U	50 U	5 U
Chloromethane	µg/L	NR	2.5 U	2.5 U	2.5 U	25 U	2.5 U
Cyclohexane	µg/L	NR	1.0 U	1 U	1 U	10 U	1 U
1,2-Dibromo-3-Chloropropane	µg/L	0.04	5.0 U	5 U	5 U	50 U	5 U
1,2-Dibromoethane	µg/L	2	1.0 U	1 U	1 U	10 U	1 U
1,2-Dichlorobenzene	µg/L	3	1.0 U	1 U	1 U	10 U	1 U
1,3-Dichlorobenzene	µg/L	3	1.0 U	1 U	1 U	10 U	1 U
1,4-Dichlorobenzene	µg/L	3	1.0 U	1 U	1 U	10 U	1 U
Dichlorodifluoromethane	µg/L	5	5.0 U	5 U	5 U	50 U	5 U
1,1-Dichloroethane	µg/L	5	1.0 U	1 U	1 U	10 U	1 U
1,2-Dichloroethane	µg/L	5	1.0 U	1 U	1 U	10 U	1 U
1,1-Dichloroethene	µg/L	5	1.0 U	1 U	1 U	10 U	1 U
cis-1,2-Dichloroethene	µg/L	5	**19.0**	**2.4**	**17**	**10**	**7.9**
trans-1,2-Dichloroethene	µg/L	5	**1.6**	1 U	**1.5**	10 U	**1.4**
1,2-Dichloropropane	µg/L	1	1.0 U	1 U	1 U	10 U	1 U
cis-1,3-Dichloropropene	µg/L	0.4	1.0 U	1 U	1 U	10 U	1 U
trans-1,3-Dichloropropene	µg/L	0.4	1.0 U	1 U	1 U	10 U	1 U
Ethylbenzene	µg/L	5	1.0 U	1 U	1 U	10 U	1 U
2-Hexanone	µg/L	50	10.0 U	10 U	10 U	100 U	10 U
Isopropylbenzene	µg/L	5	1.0 U	1 U	1 U	10 U	1 U
2-Butanone	µg/L	50	10.0 U	10 U	10 U	10 U	10 U
Methyl acetate	µg/L	NR	20.0 U	20 U	20 U	200 U	20 U
Methyl cyclohexane	µg/L	NR	1.0 U	1 U	1 U	10 U	1 U
Methylene Chloride	µg/L	5	50.0 U	5 U	5 U	50 U	5 U
4-Methyl-2-pentanone	µg/L	NR	10.0 U	10 U	10 U	100 U	10 U
Methyl ter-Butyl Ether	µg/L	10	1.0 U	1 U	1 U	10 U	1 U
Styrene	µg/L	5	1.0 U	1 U	1 U	10 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	5	1.0 U	1 U	1 U	10 U	1 U
Tetrachloroethene	µg/L	5	**330.0**	**24**	**13**	**51**	**430**
Toluene	µg/L	5	5.0 U	5	5 U	50 U	5 U
1,2,3-Trichlorobenzene	µg/L	5	1.0 U	1 U	1 U	10 U	1 U
1,2,4-Trichlorobenzene	µg/L	5	1.0 U	1 U	1 U	10 U	1 U
1,1,1-Trichloroethane	µg/L	5	1.0 U	1 U	1 U	10 U	1 U
1,1,2-Trichloroethane	µg/L	5	1.0 U	1 U	1 U	10 U	1 U
Trichloroethene	µg/L	5	**31.0** U	**48**	**58**	**150**	**84**
Trichlorofluoromethane	µg/L	5	1.0 U	5 U	5 U	50 U	5 U
1,1,2-Trichlorotrifluoroethane	µg/L	5	1.0 U	1 U	1 U	10 U	1 U
Vinyl Chloride	µg/L	2	1.0 U	1 U	1 U	10 U	1 U
Xylene (Total)	µg/L	5	2.0 U	3 U	3 U	30 U	3 U
n-Butylbenzene	µg/L	5	1.0 U	NA	NA	NA	NA
sec-Butylbenzene	µg/L	5	1.0 U	NA	NA	NA	NA
tert-Butylbenzene	µg/L	5	1.0 U	NA	NA	NA	NA
p-Isopropyltoluene	µg/L	5	1.0 U	NA	NA	NA	NA
n-Propylbenzene	µg/L	5	1.0 U	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/L	5	1.0 U	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/L	5	1.0 U	NA	NA	NA	NA

TABLE 3

46 Mt. Hope Avenue, Rochester, NY
Summary of Detected VOCs in Sub-Slab Soil Gas
United States Environmental Protection Agency Method TO-15
Sample Date - 02/02/14

Sample Type	Units	Sub-Slab Soil Vapor Samples			NYSDOH Sub-Slab Vapor Concentration Decision Matrix (minimum action level) (1)
Sample ID		SS-1	SS-2	SS-3	
1,1,1-Trichloroethane	ug/m^3	ND	ND	ND	<100***
1,2,4-Trimethylbenzene	ug/m^3	10	46	ND	NL
1,1-Dichloroethane	ug/m^3	ND	ND	ND	NL
1,1-Dichloroethene	ug/m^3	ND	ND	ND	<100***
1,2-Dichlorobenzene	ug/m^3	ND	ND	ND	NL
1,3,5-Trimethylbenzene	ug/m^3	6.4	ND	ND	NL
Acetone	ug/m^3	20	ND	21	NL
Benzene	ug/m^3	15	ND	3.8	NL
Carbon Disulfide	ug/m^3	3.7	ND	5	NL
Chloroethane	ug/m^3	ND	ND	ND	NL
Chloroform	ug/m^3	ND	34	ND	NL
Chloromethane	ug/m^3	ND	ND	ND	NL
Dichlorodifluoromethane	ug/m^3	ND	ND	ND	NL
Ethanol	ug/m^3	ND	ND	ND	NL
cis-1,2,-Dichloroethene	ug/m^3	ND	ND	52	<100***
Cyclohexane	ug/m^3	21	ND	1.2	NL
Ethylbenzene	ug/m^3	33	31	ND	NL
Heptane	ug/m^3	78	28	11	NL
Hexane	ug/m^3	39	ND	ND	NL
Isopropyl Alcohol	ug/m^3	4.7	ND	ND	NL
Isopropyl Benzene	ug/m^3	ND	ND	ND	NL
m&p-Xylene	ug/m^3	130	140	24	NL
Methyl Ethyl Ketone	ug/m^3	ND	ND	ND	NL
Methyl Isobutyl Ketone	ug/m^3	ND	ND	ND	NL
Methylene Chloride	ug/m^3	ND	ND	4.9	NL
o-Xylene	ug/m^3	42	48	4.8	NL
Tetrachloroethylene	ug/m^3	6.8	350	ND	<100***
Toluene	ug/m^3	120	ND	19	NL
trans-1,2-Dichloroethene	ug/m^3	ND	ND	6.3	NL
Trichloroethene	ug/m^3	41	33000	5900	<5**
Vinyl Chloride	ug/m^3	ND	ND	ND	<5**

1. New York State Department of Health (NYSDOH), Guidance for Evaluating Soil Vapor Intrusion in the State of New York. [Note: This Guidance uses a combination of indoor air and sub-slab soil vapor when comparing to the matrices.

** = Guideline Value obtained from Soil Vapor/I0oor Air Matrix 1 (minimum action level), NYSDOH, Guidance for Evaluating Soil Vapor Intrusion in the State of

*** = Guidance Value obtained from Soil Vapor/I0oor Air Matrix 2 (minimum action level), NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of

* = Guideline Values obtained from Table 3.1, NYSDOH, Guidance for Evaluating Soil Vapor Intrusion in the State of New York.

NL denotes that the USEPA and/or NYSDOH does not list a Target Concentration and/or Guidance Value for this compound.

ND denotes the compound was not detected above the laboratory reporting limit

TABLE 4
46 Mt. Hope Avenue, Rochester, NY
Summary of Detected VOCs in Sub-Slab Soil Gas and Ambient Air Samples
United States Environmental Protection Agency Method TO-15

Sample Type	Units	Indoor Air Sample									Outdoor Ambient Air			NYSDOH Indoor Air Concentration (minimum action level) (1)
Sample ID		Ambient-1 / IA-03		Ambient-2 / IA-04			Ambient-3 / IA-02			IA-01	IA-05				
		2/4/2014	4/22/2016	2/4/2014	12/31/2015	4/22/2016	2/4/2014	12/31/2015	4/22/2016	4/22/2016	4/22/2016	2/4/2014	12/31/2015	4/22/2016	
1,1,1-Trichloroethane	ug/m^3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<3***
1,2,4-Trimethylbenzene	ug/m^3	ND	2	ND	6.2	3.4	ND	3.06	5.3	2	3	ND	ND	0.88	NL
1,1-Dichloroethane	ug/m^3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NL
1,1-Dichloroethene	ug/m^3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<3***
1,2-Dichlorobenzene	ug/m^3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NL
1,3,5-Trimethylbenzene	ug/m^3	ND	0.88	ND	1.77	1.5	ND	6.27	1.9	ND	1.5	ND	ND	ND	NL
Acetone	ug/m^3	ND	29	8.8	28.2	45	6.3	37	41	22	60	4	3.08	26	NL
Benzene	ug/m^3	ND	1.5	0.89	12.5	2.7	0.83	5.06	5.4	1.3	2.4	0.89	1.04	0.64	NL
Carbon Disulfide	ug/m^3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NL
Chloroethane	ug/m^3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NL
Chloroform	ug/m^3	ND	ND	ND	ND	0.78	ND	ND	ND	ND	0.59	ND	ND	ND	NL
Chloromethane	ug/m^3	ND	0.93	1	1.54	0.87	0.99	1.59	0.74	ND	0.99	1.2	1.41	0.99	NL
Dichlorodifluoromethane	ug/m^3	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA	ND	ND	NA	NL
Ethanol	ug/m^3	ND	NA	ND	326	NA	ND	236	NA	NA	NA	ND	8.4	NA	NL
cis-1,2,-Dichloroethene	ug/m^3	ND	ND	ND	1.29	ND	0.83	3.03	ND	ND	ND	ND	ND	ND	<3***
Cyclohexane	ug/m^3	ND	2.6	ND	12.3	5.7	ND	3.67	10	2.8	3.7	ND	ND	ND	NL
Ethylbenzene	ug/m^3	ND	1.3	ND	5.13	2.2	ND	2.24	3.8	1.1	3.9	ND	ND	1.1	NL
Heptane	ug/m^3	ND	2.3	ND	14.8	4.3	ND	5.48	8.6	2.3	4	ND	ND	0.45	NL
Hexane	ug/m^3	ND	3.5	4.6	38.9	6.3	ND	11.9	14	3.7	6.5	ND	0.853	0.6	NL
Isopropyl Alcohol	ug/m^3	ND	23	ND	ND	42	ND	ND	36	22	120	ND	ND	13	NL
Isopropyl Benzene	ug/m^3	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA	ND	ND	NA	NL
m&p-Xylene	ug/m^3	ND	4.4	2.4	19.9	8.4	ND	ND	12	4.3	10	ND	ND	4.2	NL
Methyl Ethyl Ketone	ug/m^3	ND	2.6	ND	ND	3.2	ND	ND	13	1	5.8	ND	ND	0.71	NL
Methyl Isobutyl Ketone	ug/m^3	ND	ND	ND	ND	0.41	ND	ND	ND	ND	ND	ND	ND	ND	NL
Methylene Chloride	ug/m^3	ND	2.7	5.6	1.22	3	ND	1.25	2.4	1.6	4	0.76	ND	2.5	60*
o-Xylene	ug/m^3	ND	1.4	ND	6.07	2.5	ND	ND	3.7	1.3	4.8	ND	ND	0.87	NL
Tetrachloroethylene	ug/m^3	ND	ND	2.3	4.81	0.81	2	5.04	ND	ND	0.95	ND	ND	ND	<3***
Toluene	ug/m^3	ND	7.3	2	43	11	1.8	17.1	24	7.6	8.3	1.1	1.9	1.7	NL
trans-1,2-Dichloroethene	ug/m^3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NL
Trichloroethene	ug/m^3	ND	1.9	16	63.3	8.6	20	158	5.1	1.9	4.2	ND	ND	0.32	<0.25**
Vinyl Chloride	ug/m^3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.25**

1. New York State Department of Health (NYSDOH), Guidance for Evaluating Soil Vapor Intrusion in the State of New York. [Note: This Guidance uses a combination of indoor air and sub-slab soil vapor when comparing to the matrices.

** = Guideline Value obtained from Soil Vapor/I0oor Air Matrix 1 (minimum action level), NYSDOH, Guidance for Evaluating Soil Vapor Intrusion in the State of New York.

*** = Guidance Value obtained from Soil Vapor/I0oor Air Matrix 2 (minimum action level), NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York.

* = Guideline Values obtained from Table 3.1, NYSDOH, Guidance for Evaluating Soil Vapor Intrusion in the State of New York.

NL denotes that the USEPA and/or NYSDOH does not list a Target Concentration and/or Guidance Value for this compound.

ND denotes the compound was not detected above the laboratory reporting limit

Brown highlighted cell indicates compound not analyzed (NA)

APPENDIX 1 – LIST OF SITE CONTACTS

Name	Phone/Email Address
Site Owner/Remedial Party Center Properties of Rochester, Inc. Contact – Tom O'Connor	585-442-4102 x 8945 toconnor@alsigl.com
Qualified Environmental Professional: David Engert, LaBella Associates	585-295-6630 dengert@labellapc.com
NYSDEC DER Project Manager: Adam Morgan	585-226-5356 adam.morgan@dec.ny.gov
NYSDEC Regional HW Engineer: David Pratt	585-226-5353 david.pratt@dec.ny.gov
NYSDEC Site Control Kelly Lewandowski	518-402-9547 kelly.lewandowski@dec.ny.gov
NYSDOH Project Manager Mark Sergott	518-402-7860 mark.sergott@health.ny.gov
Tenent/Land Contract Vendee JERSAM LLC Contact – Donald C. Swartz	585-414-8777 atranswartz@aol.com

APPENDIX 2 – BORING LOGS

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
46 Mt. Hope Avenue
Rochester, New York

BORING: GP-1
SHEET 1 OF 1
JOB: 213818
CHKD BY: --

CONTRACTOR: LaBella Environmental LLC
DRILLER:
LABELLA REPRESENTATIVE: D.Engert

BORING LOCATION:
GROUND SURFACE ELEVATION NA
START DATE: 10/22/13 END DATE: 10/22/13

TIME: TO
DATUM: NA

TYPE OF DRILL RIG: Geoprobe Model 54LT
AUGER SIZE AND TYPE: N/A
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore
INSIDE DIAMETER: 1.8-Inch ID
OTHER:

DEPTH (FEET)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0.3	Asphalt		
				Sand & gravel fill, dry, no odor		
					0.8	Likely former tank pit
2	24					
					1.0	
4						
					1.2	
6	20					
					0.9	
8						
					0.6	
10	15					
					0.8	
12						
	16		12'	Brown m SAND, trace rounded fm gravel, wet, possible solvent odor	22.0	Native soil
14		GP1-13-14'			350.0	
16				Refusal at 14' bgs		

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	ND = Non Detect BGS = Below the Ground Surface 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

and = 35 to 50 %
some = 20 to 35%
little = 10 to 20%
trace = 1 to 10%
c - coarse
m = medium
f = fine
ND = Non Detect
BGS = Below the Ground Surface
NA = Not Applicable

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
46 Mt. Hope Avenue
Rochester, New York

BORING: GP-2
SHEET 1 OF 1
JOB: 213818
CHKD BY: --

CONTRACTOR: LaBella Environmental LLC
DRILLER:
LABELLA REPRESENTATIVE: D.Engert

BORING LOCATION:
GROUND SURFACE ELEVATION NA
START DATE: 10/22/13 END DATE: 10/22/13

TIME: TO
DATUM: NA

TYPE OF DRILL RIG: Geoprobe Model 54LT
AUGER SIZE AND TYPE: N/A
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore
INSIDE DIAMETER: 1.8-Inch ID
OTHER:

DEPTH (FEET)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0.3	Asphalt		
				Sand & gravel fill, dry, no odor	0.0	
2	16					
					0.0	
4			4'	Brown m SAND, trace f gravel, dry, no odor		
					0.0	
6	30					
					0.0	
8		GP2-8'				
					0.0	
10	44					
			10'	Brown f SAND, trace fm gravel, dry no odor	0.0	
12						
			12'	Brown/red f SAND, some fm gravel, moist, no odor	0.0	
14	48					
					0.0	
16						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	ND = Non Detect BGS = Below the Ground Surface 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

and = 35 to 50 %
some = 20 to 35%
little = 10 to 20%
trace = 1 to 10%
c - coarse
m = medium
f = fine
ND = Non Detect
BGS = Below the Ground Surface
NA = Not Applicable

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
46 Mt. Hope Avenue
Rochester, New York

BORING: GP-3
SHEET 1 OF 1
JOB: 213818
CHKD BY: --

CONTRACTOR: LaBella Environmental LLC
DRILLER:
LABELLA REPRESENTATIVE: D.Engert

BORING LOCATION:
GROUND SURFACE ELEVATION NA
START DATE: 10/22/13 END DATE: 10/22/13

TIME: TO
DATUM: NA

TYPE OF DRILL RIG: Geoprobe Model 54LT
AUGER SIZE AND TYPE: N/A
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore
INSIDE DIAMETER: 1.8-Inch ID
OTHER:

DEPTH (FEET)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0.3	Asphalt		
				Fill, sand & gravel, some cinders, dry, no odor		
	20				0.0	
2						
					0.0	
4						
	24			As above, with little ash	0.0	
6						
			7'		0.0	
8				Mottled SILT, some f gravel, moist, no odor		
		GP3-8'			0.0	
10	40		10'			
				Brown mf SAND, moist, no odor		
			11'	Red/Brown cmf SAND and mf GRAVEL, dry, no odor	0.0	
12						
	24				0.0	
14						
16				Refusal @ 14' bgs		

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	ND = Non Detect BGS = Below the Ground Surface 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

and = 35 to 50 %	little = 10 to 20%	c - coarse	ND = Non Detect
some = 20 to 35%	trace = 1 to 10%	m = medium	BGS = Below the Ground Surface
		f = fine	NA = Not Applicable

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
46 Mt. Hope Avenue
Rochester, New York

BORING: GP-4
SHEET 1 OF 1
JOB: 213818
CHKD BY: --

CONTRACTOR: LaBella Environmental LLC
DRILLER:
LABELLA REPRESENTATIVE: D.Engert

BORING LOCATION:
GROUND SURFACE ELEVATION NA
START DATE: 10/22/13 END DATE: 10/22/13

TIME: TO
DATUM: NA

TYPE OF DRILL RIG: Geoprobe Model 54LT
AUGER SIZE AND TYPE: N/A
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore
INSIDE DIAMETER: 1.8-Inch ID
OTHER:

DEPTH (FEET)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0.3	Asphalt		
				Fill, sand & gravel, little ash & cinders, dry, no odor		
					0.0	
2	24					
					0.0	
4						
					0.0	
6	24					
			7'		0.0	
8				Mottled SILT, some f gravel, moist, no odor		
		GP4-8'			0.0	
10	46		10'			
				Brown mf SAND, moist, no odor		
			11'	Red/Brown cmf SAND and mf GRAVEL, moist, no odor	0.0	
12						
					0.0	
	36					
14						
					0.0	
16				Refusal @ 15' bgs		

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	ND = Non Detect BGS = Below the Ground Surface 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

and = 35 to 50 %
some = 20 to 35%
little = 10 to 20%
trace = 1 to 10%
c - coarse
m = medium
f = fine
ND = Non Detect
BGS = Below the Ground Surface
NA = Not Applicable

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
46 Mt. Hope Avenue
Rochester, New York

BORING: GP-5
SHEET 1 OF 1
JOB: 213818
CHKD BY: --

CONTRACTOR: LaBella Environmental LLC
DRILLER:
LABELLA REPRESENTATIVE: D.Engert

BORING LOCATION:
GROUND SURFACE ELEVATION NA
START DATE: 10/22/13 END DATE: 10/22/13

TIME: TO
DATUM: NA

TYPE OF DRILL RIG: Geoprobe Model 54LT
AUGER SIZE AND TYPE: N/A
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore
INSIDE DIAMETER: 1.8-Inch ID
OTHER:

DEPTH (FEET)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0.3	Asphalt		
				Fill, sand & gravel, dry, no odor	0.0	
2	24					
					0.0	
4						
					0.0	
6	30		6'			
				Mottled SILT, some f gravel, moist, no odor	0.0	
8		GP5-8'				
					0.0	
10	30		10'			
			11'	Brown mf SAND, moist, no odor		
				Red/Brown cmf SAND and mf GRAVEL, dry, no odor	0.0	
12						
	12				0.0	
14				Refusal @ 13' bgs		
16						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	ND = Non Detect BGS = Below the Ground Surface 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

and = 35 to 50 %
some = 20 to 35%
little = 10 to 20%
trace = 1 to 10%
c - coarse
m = medium
f = fine
ND = Non Detect
BGS = Below the Ground Surface
NA = Not Applicable

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
46 Mt. Hope Avenue
Rochester, New York

BORING: GP-6
SHEET 1 OF 2
JOB: 213818
CHKD BY: --

CONTRACTOR: LaBella Environmental LLC
DRILLER:
LABELLA REPRESENTATIVE: D.Engert

BORING LOCATION:
GROUND SURFACE ELEVATION NA
START DATE: 10/22/13 END DATE: 10/22/13

TIME: TO
DATUM: NA

TYPE OF DRILL RIG: Geoprobe Model 54LT
AUGER SIZE AND TYPE: N/A
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore
INSIDE DIAMETER: 1.8-Inch ID
OTHER:

DEPTH (FEET)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0.3	Asphalt		
				Sand & gravel fill, dry, no odor		
2	24				0.0	
4					0.0	
6	30				0.0	
			7'			
8				Mottled f SAND, moist, no odor	0.0	
10	36				0.0	
			10.5'			
12				Brown cmf SAND and GRAVEL, moist, no odor	0.0	
14	36		14'		0.0	
				Brown c SAND, wet, no odor		
16					0.0	

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	ND = Non Detect
						BGS = Below the Ground Surface
			18.5'	18.5'	~14'	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

and = 35 to 50 %	little = 10 to 20%	c - coarse	ND = Non Detect
some = 20 to 35%	trace = 1 to 10%	m = medium	BGS = Below the Ground Surface
		f = fine	NA = Not Applicable

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
46 Mt. Hope Avenue
Rochester, New York

BORING: GP-6
SHEET 2 OF 2
JOB: 213818
CHKD BY: --

CONTRACTOR: LaBella Environmental LLC
DRILLER:
LABELLA REPRESENTATIVE: D.Engert

BORING LOCATION:
GROUND SURFACE ELEVATION NA
START DATE: 10/22/13 END DATE: 10/22/13

TIME: TO
DATUM: NA

TYPE OF DRILL RIG: Geoprobe Model 54LT
AUGER SIZE AND TYPE: N/A
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore
INSIDE DIAMETER: 1.8-Inch ID
OTHER:

DEPTH (FEET)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
16	30			Brown f SAND and f GRAVEL, trace silt, wet, no odor	0.0	1" well installed @ 18'
18					0.0	
20				Refusal @ 18.5'		
22						
24						
26						
28						
30						
32						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	ND = Non Detect BGS = Below the Ground Surface
			18.5'	18.5'	~14'	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

and = 35 to 50 %	little = 10 to 20%	c - coarse	ND = Non Detect
some = 20 to 35%	trace = 1 to 10%	m = medium	BGS = Below the Ground Surface
		f = fine	NA = Not Applicable

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
46 Mt. Hope Avenue
Rochester, New York

BORING: GP-7
SHEET 1 OF 2
JOB: 213818
CHKD BY: --

CONTRACTOR: LaBella Environmental LLC
DRILLER:
LABELLA REPRESENTATIVE: D.Engert

BORING LOCATION:
GROUND SURFACE ELEVATION NA
START DATE: 10/22/13 END DATE: 10/22/13

TIME: TO
DATUM: NA

TYPE OF DRILL RIG: Geoprobe Model 54LT
AUGER SIZE AND TYPE: N/A
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore
INSIDE DIAMETER: 1.8-Inch ID
OTHER:

DEPTH (FEET)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0.3	Asphalt		
				Fill - Sand & gravel, some ash & cinders, dry, no odor	0.0	
2	24					
					0.0	
4						
			5'		0.0	
6	30			Mottled f SAND, trace f gravel, moist, no odor		
					0.0	
8			8'			
				Brown m SAND, some fm gravel, moist, no odor	0.0	
10	36					
					0.0	
12						
	36				0.0	
14		GP7-15'		Very dense brown f SAND and f GRAVEL, wet, no odor	0.0	
16				Refusal @ 15'		

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	ND = Non Detect BGS = Below the Ground Surface 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

and = 35 to 50 %	little = 10 to 20%	c - coarse	ND = Non Detect
some = 20 to 35%	trace = 1 to 10%	m = medium	BGS = Below the Ground Surface
		f = fine	NA = Not Applicable

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
46 Mt. Hope Avenue
Rochester, New York

BORING: GP-8
SHEET 1 OF 2
JOB: 213818
CHKD BY: --

CONTRACTOR: LaBella Environmental LLC
DRILLER:
LABELLA REPRESENTATIVE: D.Engert

BORING LOCATION:
GROUND SURFACE ELEVATION NA
START DATE: 10/22/13 END DATE: 10/22/13

TIME: TO
DATUM: NA

TYPE OF DRILL RIG: Geoprobe Model 54LT
AUGER SIZE AND TYPE: N/A
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore
INSIDE DIAMETER: 1.8-Inch ID
OTHER:

DEPTH (FEET)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0.3	Asphalt		
				Fill - Sand & gravel, some ash & cinders, dry, no odor		
					0.0	
2	30					
					0.0	
4						
			5'		0.0	
6	36			Mottled f SAND, trace f gravel, moist, no odor		
					0.0	
8			8'			
				Brown m SAND, some fm gravel, moist, no odor	0.0	
10	40					
					0.0	
12						
					0.0	
	36					
14			14'			
		GP8-15'		Very dense brown f SAND and f GRAVEL, wet, no odor	0.0	
16				Refusal @ 15'		

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	ND = Non Detect BGS = Below the Ground Surface 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

and = 35 to 50 %	little = 10 to 20%	c - coarse	ND = Non Detect
some = 20 to 35%	trace = 1 to 10%	m = medium	BGS = Below the Ground Surface
		f = fine	NA = Not Applicable

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Supplemental Phase II Environmental Site Assessment
46 Mt. Hope Avenue
Rochester, New York

BORING: GP-9
SHEET 1 OF 1
JOB: 214051
CHKD BY: --

CONTRACTOR: LaBella Environmental LLC
DRILLER:
LABELLA REPRESENTATIVE: I.Poplar-Jeffers

BORING LOCATION:
GROUND SURFACE ELEVATION NA
START DATE: 11/26/13 END DATE: 11/26/13

TIME: TO
DATUM: NA

TYPE OF DRILL RIG: Geoprobe Model 54LT
AUGER SIZE AND TYPE: N/A
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore
INSIDE DIAMETER: 1.8-Inch ID
OTHER:

DEPTH (FEET)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	36		0.5	Concrete		
				Sand & gravel fill, trace cinders, dry, no odor	0.38	
2					0.04	
4	36		4'	Brown m SAND, trace f gravel, dry, no odor	0.04	
6					0.24	
8	45				0.74	
10			10'	Brown f SAND, some silt, trace fm gravel, moist no odor	1.10	
12	48		12'	Brown/red f SAND, some silt, some fm gravel, wet, no odor	0.81	
14					1.65	
16		GP-9 16'				

WATER LEVEL DATA			DEPTH (FT)			NOTES:Temporary well installed - GPMW-9
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	ND = Non Detect BGS = Below the Ground Surface
			13.5	16.0		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

and = 35 to 50 %
some = 20 to 35%
little = 10 to 20%
trace = 1 to 10%
c - coarse
m = medium
f = fine
ND = Non Detect
BGS = Below the Ground Surface
NA = Not Applicable

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Supplemental Phase II Environmental Site Assessment
46 Mt. Hope Avenue
Rochester, New York

BORING: GP-10
SHEET 1 OF 1
JOB: 214051
CHKD BY: --

CONTRACTOR: LaBella Environmental LLC
DRILLER:
LABELLA REPRESENTATIVE: I.Poplar-Jeffers

BORING LOCATION:
GROUND SURFACE ELEVATION NA
START DATE: 11/26/13 END DATE: 11/26/13

TIME: TO
DATUM: NA

TYPE OF DRILL RIG: Geoprobe Model 54LT
AUGER SIZE AND TYPE: N/A
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore
INSIDE DIAMETER: 1.8-Inch ID
OTHER:

DEPTH (FEET)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	36		0.5	Concrete		
				Sand & gravel fill, trace cinders, dry, no odor	0.00	
2					0.00	
4			4'	Brown f SAND, trace f gravel, dry, no odor	0.00	
6	36				0.00	
8					0.25	
10	42		10'	Brown f SAND, some silt, trace fm gravel, moist no odor	36.90	
12			12'	Brown/red f SAND, some fm gravel, wet, no odor	38.00	
14	48	GP-10 14'			10.20	
16						

WATER LEVEL DATA			DEPTH (FT)			NOTES: Temporary well installed - GPMW-10
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	ND = Non Detect BGS = Below the Ground Surface
			13	16.0		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

and = 35 to 50 %
some = 20 to 35%
little = 10 to 20%
trace = 1 to 10%
c - coarse
m = medium
f = fine
ND = Non Detect
BGS = Below the Ground Surface
NA = Not Applicable

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Supplemental Phase II Environmental Site Assessment
46 Mt. Hope Avenue
Rochester, New York

BORING: GP-11
SHEET 1 OF 2
JOB: 214051
CHKD BY: --

CONTRACTOR: LaBella Environmental LLC
DRILLER:
LABELLA REPRESENTATIVE: I.Poplar-Jeffers

BORING LOCATION:
GROUND SURFACE ELEVATION NA
START DATE: 11/26/13 END DATE: 11/26/13

TIME: TO
DATUM: NA

TYPE OF DRILL RIG: Geoprobe Model 54LT
AUGER SIZE AND TYPE: N/A
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore
INSIDE DIAMETER: 1.8-Inch ID
OTHER:

DEPTH (FEET)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0.5	Concrete		
				Fill - sand & gravel, cinders, ash, dry, no odor	2.80	
2	24					
					2.80	
4						
			5'	Brown SILT, some f sand, dry, no odor	3.33	
6	40					
			7'	Brown f SAND, dry, no odor	3.40	
8						
				mild solvent odor	5.40	
10	42					
					10.00	
12						
			12'	Brown cmf GRAVEL, wet solvent odor	43.00	
14	48	GP-11 14'	14'	Brown f SAND, trace silt, trace f gravel, wet, mild odor	156.00	
					46.0	
16						

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
			13	17.0	

NOTES:Temporary well installed - GPMW-11
ND = Non Detect
BGS = Below the Ground Surface
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

and = 35 to 50 %
some = 20 to 35%
little = 10 to 20%
trace = 1 to 10%
c - coarse
m = medium
f = fine
ND = Non Detect
BGS = Below the Ground Surface
NA = Not Applicable

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300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Supplemental Phase II Environmental Site Assessment
46 Mt. Hope Avenue
Rochester, New York

BORING: GP-11
SHEET 2 OF 2
JOB: 214051
CHKD BY: --

CONTRACTOR: LaBella Environmental LLC
DRILLER:
LABELLA REPRESENTATIVE: I.Poplar-Jeffers

BORING LOCATION:
GROUND SURFACE ELEVATION NA
START DATE: 11/26/13 END DATE: 11/26/13

TIME: TO
DATUM: NA

TYPE OF DRILL RIG: Geoprobe Model 54LT
AUGER SIZE AND TYPE: N/A
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore
INSIDE DIAMETER: 1.8-Inch ID
OTHER:

DEPTH (FEET)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
16	12			Brown c SAND, some fm gravel, wet, solvent odor	93.00	
18				Refusal @ 17'		
19						
20						
22						
24						
26						
28						
30						

WATER LEVEL DATA			DEPTH (FT)			NOTES:Temporary well installed - GPMW-11
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	ND = Non Detect BGS = Below the Ground Surface NA = Not Applicable
			13	17.0		

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

and = 35 to 50 %
some = 20 to 35%
little = 10 to 20%
trace = 1 to 10%
c - coarse
m = medium
f = fine
ND = Non Detect
BGS = Below the Ground Surface
NA = Not Applicable

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300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Supplemental Phase II Environmental Site Assessment
46 Mt. Hope Avenue
Rochester, New York

BORING: GP-12
SHEET 1 OF 1
JOB: 214051
CHKD BY: --

CONTRACTOR: LaBella Environmental LLC
DRILLER:
LABELLA REPRESENTATIVE: I.Poplar-Jeffers

BORING LOCATION:
GROUND SURFACE ELEVATION NA
START DATE: 11/26/13 END DATE: 11/26/13

TIME: TO
DATUM: NA

TYPE OF DRILL RIG: Geoprobe Model 54LT
AUGER SIZE AND TYPE: N/A
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore
INSIDE DIAMETER: 1.8-Inch ID
OTHER:

DEPTH (FEET)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	36	GP12 10'	0.5	Concrete	0.12	
				Sand & gravel fill, trace cinders, dry, no odor		
2					1.50	
4			4'	Brown f SAND, trace f gravel, dry, no odor	3.20	
6	40				2.60	
8					3.90	
10	40		10'	Brown f SAND, trace silt, trace fm gravel, moist no odor	5.50	
					3.90	
12						
	48		13'	Brown/red f SAND, some fm gravel, trace silt, wet, no odor	2.10	
14						
					0.58	
16						

WATER LEVEL DATA			DEPTH (FT)			NOTES:Temporary well installed - GPMW-12
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	ND = Non Detect BGS = Below the Ground Surface
			13	16.0		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

and = 35 to 50 %
some = 20 to 35%
little = 10 to 20%
trace = 1 to 10%
c - coarse
m = medium
f = fine
ND = Non Detect
BGS = Below the Ground Surface
NA = Not Applicable

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PROJECT
Supplemental Phase II Environmental Site Assessment
46 Mt. Hope Avenue
Rochester, New York

BORING: GP-13
SHEET 1 OF 1
JOB: 214051
CHKD BY: --

CONTRACTOR: LaBella Environmental LLC
DRILLER:
LABELLA REPRESENTATIVE: I.Poplar-Jeffers

BORING LOCATION:
GROUND SURFACE ELEVATION NA
START DATE: 11/26/13 END DATE: 11/26/13

TIME: TO
DATUM: NA

TYPE OF DRILL RIG: Geoprobe Model 54LT
AUGER SIZE AND TYPE: N/A
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore
INSIDE DIAMETER: 1.8-Inch ID
OTHER:

DEPTH (FEET)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0.5	Concrete		
				Sand & gravel fill, trace cinders, dry, no odor	0.36	
2	36					
					1.90	
4			4'	Brown m SAND, trace f gravel, dry, no odor		
					1.50	
6	40					
					1.60	
8						
					1.80	
10	40					
			10'	Brown f SAND, trace silt, trace fm gravel, moist no odor		
12		GP-13 11.5'			4.40	
	24		13'	Brown/red f SAND and SILT, some fm gravel, wet, no odor		
14					1.90	
				Refusal @ 14'		
16						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	ND = Non Detect BGS = Below the Ground Surface NA = Not Applicable

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
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little = 10 to 20%
trace = 1 to 10%
c - coarse
m = medium
f = fine
ND = Non Detect
BGS = Below the Ground Surface
NA = Not Applicable

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300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Supplemental Phase II Environmental Site Assessment
46 Mt. Hope Avenue
Rochester, New York

BORING: GP-14
SHEET 1 OF 1
JOB: 214051
CHKD BY: --

CONTRACTOR: LaBella Environmental LLC
DRILLER:
LABELLA REPRESENTATIVE: I.Poplar-Jeffers

BORING LOCATION:
GROUND SURFACE ELEVATION NA
START DATE: 11/26/13 END DATE: 11/26/13

TIME: TO
DATUM: NA

TYPE OF DRILL RIG: Geoprobe Model 54LT
AUGER SIZE AND TYPE: N/A
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore
INSIDE DIAMETER: 1.8-Inch ID
OTHER:

DEPTH (FEET)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0				Concrete		
				Wood, creosote odor, 2" thick		
				Concrete		
			0.8	Ash & cinders, trace brick fragments	0.00	
2	36					
					0.00	
4				Sand & gravel, some ash & cinders		
					0.00	
6	12					
					0.00	
8						
			9'	Brown f SAND, some fm gravel, moist	0.38	
10	36					
		GP-14 12'			35.80	
12						
					0.29	
14	24					
					0.02	
16						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	ND = Non Detect BGS = Below the Ground Surface 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

and = 35 to 50 %
some = 20 to 35%
little = 10 to 20%
trace = 1 to 10%
c - coarse
m = medium
f = fine
ND = Non Detect
BGS = Below the Ground Surface
NA = Not Applicable

BORING: GP-13

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Supplemental Phase II Environmental Site Assessment
46 Mt. Hope Avenue
Rochester, New York

BORING: GP-15
SHEET 1 OF 1
JOB: 214051
CHKD BY: --

CONTRACTOR: LaBella Environmental LLC
DRILLER:
LABELLA REPRESENTATIVE: I.Poplar-Jeffers

BORING LOCATION:
GROUND SURFACE ELEVATION NA
START DATE: 11/26/13 END DATE: 11/26/13

TIME: TO
DATUM: NA

TYPE OF DRILL RIG: Geoprobe Model 54LT
AUGER SIZE AND TYPE: N/A
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore
INSIDE DIAMETER: 1.8-Inch ID
OTHER:

DEPTH (FEET)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	36		0.5'	Concrete	0.05	
				Wood, creosote odor, 2" thick		
				Concrete		
			1'	Sand & gravel fill, dry, no odor		
2					0.09	
4	42		4'	Brown f SAND, trace f gravel, dry, no odor	0.20	
6					0.19	
8	42				0.57	
10			10'	Brown f SAND, some silt, trace fm gravel, moist no odor	0.69	
12	48		12'	Brown/red f SAND, some silt, some fm gravel, wet, no odor	0.83	
14					1.87	
16						

WATER LEVEL DATA			DEPTH (FT)			NOTES: Temporary well installed
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	ND = Non Detect BGS = Below the Ground Surface NA = Not Applicable

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
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and = 35 to 50 %
some = 20 to 35%
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trace = 1 to 10%
c - coarse
m = medium
f = fine
ND = Non Detect
BGS = Below the Ground Surface
NA = Not Applicable

APPENDIX 3
SITE MANAGEMENT FORMS

LaBella Powered by partnership	**SUB-SLAB DEPRESSURIZATION SYSTEM INSPECTION FORM** Project Name: Former Hall-Welter Site - Site No. 828194
	Location: 38-46 Mount Hope Ave, Rochester, New York
300 State Street, Suite 201	LaBella Project No.: 2160225
Rochester, New York 14614	Inspected By:
Phone: (585) 454-6110	Date of Inspection:
Fax: (585) 454-3066	Weather Conditions:

INSPECTION FINDINGS:

Sub-Slab Depressurization System - Fan #1:		
Operational -	Yes	No
Vacuum Gauge Reading (inches of water) -		
Alarm Check -	Alarm Sounded?	Alarm Failed?

Sub-Slab Depressurization System - Fan #2:		
Operational -	Yes	No
Vacuum Gauge Reading (inches of water) -		
Alarm Check -	Alarm Sounded?	Alarm Failed?

Sub-Slab Depressurization System - Fan #3:		
Operational -	Yes	No
Vacuum Gauge Reading (inches of water) -		
Alarm Check -	Alarm Sounded?	Alarm Failed?

SSDS Piping Check (Note Condition - Good/Fair/Poor):		
(include pictures if warranted)	As-Found Condition	As-Left Condition
Piping on Roof -		
Exhaust Point Above Roof -		
Tubing -		
Vacuum Gauges -		
Integrity of Joint Seals -		
Condition of Labels -		
Overall Physical Condition of SSDS -		

Comments:

APPENDIX 4
O&M MANUAL - SSDS

Operation, Maintenance and Monitoring Plan
Former Hall-Welter Site
38-46 Mount Hope Ave., Rochester, NY
Sub-Slab Depressurization System

This Operation, Maintenance and Monitoring (OM&M) Plan describes the measures necessary to operate, monitor and maintain the mechanical components of the sub-slab depressurization system (SSDS) for the building located at 38-46 Mount Hope Ave., Rochester, New York. The OM&M items identified include the following:

- The steps necessary to allow individuals unfamiliar with the Site to operate and maintain the SSDS;
- an operation and maintenance contingency plan; and,
- the required regulatory reporting.

A copy of this Plan should be kept at the Site.

SYSTEM LAYOUT AND COMPONENTS

The system consists of three (3) roof mounted fans connected by manifold piping to vapor extraction points as detailed on the As Built Drawings (See SMP Figure 6). The suction points consist of a five (5) inch core boring into the concrete floor slab through which approximately 1-2 cubic feet of sub slab material was removed. Mechanically suspended three (3) inch schedule 40 PVC riser pipes were installed through the slab and sealed with urethane sealant. Riser piping connects to a four (4) inch trunk line then to exterior mounted fans. 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. Three models of fans were utilized based on the building assessment; one RadonAway Model RP-265, one Fantech Model HP-190 and one AMG FESTA Model "Force". Each riser pipe is equipped with a vacuum indicator mounted on the riser pipe or interior wall. Each vacuum indicator consists of an oil filled U-tube style manometer. The indicator is inspected by observing the level of the colored fluid. In addition, each riser pipe is equipped with a system alarm that provides a visual and audible alarm in the event of a loss of system vacuum.

Following the installation of the SSDS, testing was conducted to evaluate the effectiveness and to confirm that there is adequate negative pressure beneath the entire floor slab of the building. The following post start-up testing was completed:

- **Component Check** - all components of the system were confirmed to be in-place
- **Alarm Test** – On October 10th, 2017 the alarms were tested to confirm proper operation. The alarm test consisted of disconnecting the fan power and confirming both the light and audible alarm were triggered.

  Pressure Field Extension Testing - Subsequent to activation of the system, a pressure field extension test was performed to evaluate the effectiveness of the SSDS. The testing consisted of drilling ¾ inch holes in the concrete slab in locations detailed on ISMP Figure 6. A digital micromonometer was used to record pressure readings. Recorded pressure readings were as follows:

Test Point #	Measurement (inches of water column)
1	-0.006
2	-0.004
3	-0.065
4	-0.030
5	-0.526
6	-0.040

7	-0.009
8	-0.006
9	-0.020
10	-0.012
11	-0.081
12	-0.039
13	-0.029

SYSTEM MAINTENANCE

The system was designed and installed to operate with minimal maintenance. In the event of an alarm, the system should be inspected for obvious damage. In the event no damage is apparent, the system can be shut-off and restarted. In the event the alarm continues, the fan should be evaluated and the manufacturer contacted or a mitigation contractor (e.g., radon mitigation specialist) should be contacted for servicing the fan. Information on contacts for the system are provided below.

In the event that maintenance is required of the system, reports and any other information generated during regular operations at the Site will be reported to the NYSDEC. Maintenance events must be documented and documentation must include the following information:

- Date;
- Condition of SSDS upon arrival;
- Name, company, and position of person(s) conducting maintenance activities;
- Maintenance activities conducted;
- Any modifications to the system;
- Other documentation such as copies of invoices or work orders for maintenance work, receipts for replacement equipment, etc., (attached to the checklist/form); and,
- Condition of SSDS when finished.

In the event that the system and/or system components are observed to require non-routine maintenance (e.g., broken components, alarm sounding, etc.) the following persons can be contacted to assist with repairs to the system:

Tom O'Connor
Center Properties, LLC
1000 Elmwood Avenue
Rochester, NY 14620
(585) 442-4102 x 8945

Dave Engert, CHMM
LaBella Associates, D.P.C.
300 State Street
Rochester, New York 14614
(585) 295-6630

Adam Morgan, EIT
NYSDEC
6274 East Avon-Lima Road
Avon, NY 14414-9516
(585) 226-5356

Nick Mouganis
Mitigation Tech
55 Shumway Road
Brockport, NY 14420
(585) 637-7430

All non-routine maintenance of the SSDS will be documented and these documents will be kept on-file.

MONITORING

Quarterly monitoring of the Site's SSDS will be performed to ensure that the system is operating properly. A visual inspection of the accessible portions of the system will be conducted during each monitoring event. Accessible portions of the system are to be defined as those that are not located behind finished walls/ceilings or requiring a ladder to access (e.g., components mounted on the roof of the Site building). In addition, the U-tube manometer reading should be recorded. In the event that a vent fan appears to be malfunctioning, the manometer reading shows lower than usual or no negative pressure, or piping or wiring appears damaged, the component(s) in question should be promptly repaired or replaced, following the manufacturer's recommendations and instructions. Vent fan failure(s), repair(s), replacement(s), and/or operational problems should be documented and reported to the NYSDEC project manager. Information from quarterly inspections shall be recorded on the Sub-Slab Depressurization System Inspection form attached to this O&M Manual and in Appendix 3 of the ISMP.

LaBella Powered by partnership	**SUB-SLAB DEPRESSURIZATION SYSTEM INSPECTION FORM** Project Name: Former Hall-Welter Site - Site No. 828194
	Location: 38-46 Mount Hope Ave, Rochester, New York
300 State Street, Suite 201	LaBella Project No.: 2160225
Rochester, New York 14614	Inspected By:
Phone: (585) 454-6110	Date of Inspection:
Fax: (585) 454-3066	Weather Conditions:

INSPECTION FINDINGS:

Sub-Slab Depressurization System - Fan #1:		
Operational -	Yes	No
Vacuum Gauge Reading (inches of water) -		
Alarm Check -	Alarm Sounded?	Alarm Failed?

Sub-Slab Depressurization System - Fan #2:		
Operational -	Yes	No
Vacuum Gauge Reading (inches of water) -		
Alarm Check -	Alarm Sounded?	Alarm Failed?

Sub-Slab Depressurization System - Fan #3:		
Operational -	Yes	No
Vacuum Gauge Reading (inches of water) -		
Alarm Check -	Alarm Sounded?	Alarm Failed?

SSDS Piping Check (Note Condition - Good/Fair/Poor):		
(include pictures if warranted)	As-Found Condition	As-Left Condition
Piping on Roof -		
Exhaust Point Above Roof -		
Tubing -		
Vacuum Gauges -		
Integrity of Joint Seals -		
Condition of Labels -		
Overall Physical Condition of SSDS -		

Comments:

RadonAway®
The world's leading radon fan manufacturer

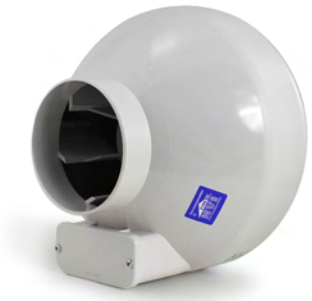
RP PRO SERIES

INSTALLS WHITE, STAYS WHITE

Radon Mitigation Fan

All RadonAway® fans are specifically designed for radon mitigation. RP Series Fans provide superb performance, run ultra-quiet and are attractive. They are ideal for most sub-slab radon mitigation systems.

Features



- NEW Stay-White™ housing
- Energy efficient
- RP140 - ENERGY STAR Most Efficient 2018
- Ultra-quiet operation
- Meets all electrical code requirements
- Water-hardened motorized impeller
- Seams sealed to inhibit radon leakage (RP140 & RP145 double snap sealed)
- ETL Listed - for indoor or outdoor use
- Thermally protected motor
- Rated for commercial and residential use

MODEL	P/N	FAN DUCT DIAMETER	WATTS	RECOM. MAX. OP. PRESSURE "WC	TYPICAL CFM vs. STATIC PRESSURE WC				
					0"	.5"	1.0"	1.5"	2.0"
RP140	28460	4"	15-21	0.7	135	70	-	-	-
RP145	28461	4"	41-72	1.7	166	126	82	41	3
RP260	28462	6"	47-65	1.3	251	157	70	-	-
RP265	28463	6"	95-139	2.3	375	282	204	140	70
RP380*	28208	8"	96-138	2.0	531	415	268	139	41

*Currently not stay-white material.

Model	A	B	C
RP140	4.5"	9.7"	8.5"
RP145	4.5"	9.7"	8.5"
RP260	6"	11.75"	8.6"
RP265	6"	11.75"	8.6"
RP380	8"	13.41"	10.53"

MADE IN USA with U.S. and imported parts.

ETL Listed

All RadonAway® inline radon fans are covered by our 5-year, hassle-free warranty.

Most Efficient 2018 RP140 Only

For Further Information, Contact Your Radon Professional

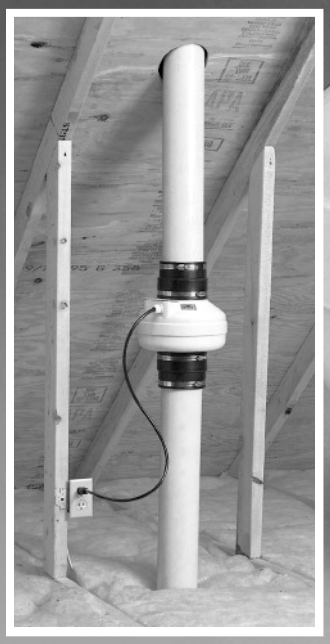
Rev B 0618
P/N 02051

Fantech

HP SERIES

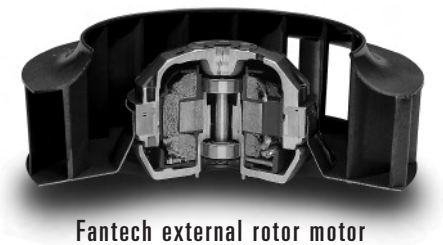
FANS FOR RADON APPLICATIONS

WITH IMPROVED UV RESISTANCE!



TRUST THE INDUSTRY STANDARD. HERE'S WHY:

Don't put your reputation at stake by installing a fan you know won't perform like a Fantech! For nearly twenty years, Fantech has manufactured quality ventilation equipment for Radon applications. Fantech is the fan Radon contractors have turned to in over 1,000,000 successful Radon installations worldwide.



Fantech external rotor motor

FANTECH HP SERIES FANS MEET THE CHALLENGES OF RADON APPLICATIONS:

HOUSING
- UV resistant, UL Listed durable plastic
- UL Listed for use in commercial applications
- Factory sealed to prevent leakage
- Watertight electrical terminal box
- Approved for mounting in wet locations - i.e. Outdoors

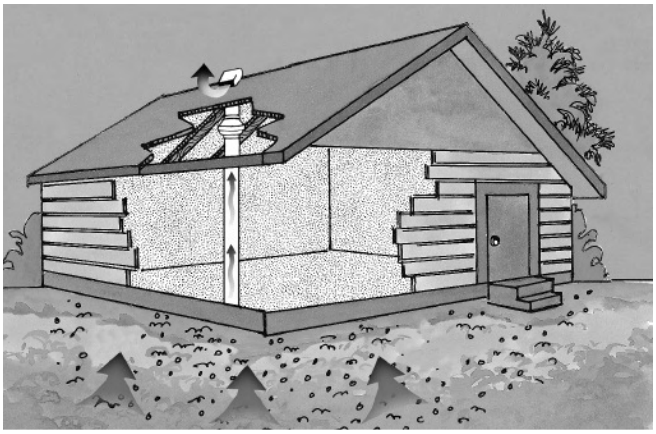
MOTOR
- Totally enclosed for protection
- High efficiency EBM motorized impeller
- Automatic reset thermal overload protection
- Average life expectancy of 7-10 years under continuous load conditions

RELIABILITY
- Five Year Full Factory Warranty
- Over 1,000,000 successful radon installations worldwide

Fantech

HP Series Fans are Specially Designed with Higher Pressure Capabilities for Radon Mitigation Applications

MOST RADON MITIGATORS WHO PREVIOUSLY USED THE FANTECH FR SERIES FANS HAVE SWITCHED TO THE NEW HP SERIES.



PERFORMANCE DATA

Fan Model	Volts	Wattage Range	Max. Amps	CFM vs. Static Pressure in Inches W.G.								Max. Ps
				0"	0.5"	0.75"	1.0"	1.25"	1.5"	1.75"	2.0"	
HP2133	115	14 - 20	0.17	134	68	19	-	-	-	-	-	0.84
HP2190	115	60 - 85	0.78	163	126	104	81	58	35	15	-	1.93
HP175	115	44 - 65	0.57	151	112	91	70	40	12	-	-	1.66
HP190	115	60 - 85	0.78	157	123	106	89	67	45	18	1	2.01
HP220	115	85 - 152	1.30	344	260	226	193	166	137	102	58	2.46

HVI MEMBER™

PERFORMANCE CURVES

Fantech provides you with independently tested performance specifications.

The performance curves shown in this brochure are representative of the actual test results recorded at Texas Engineering Experiment Station/Energy Systems Lab, a recognized testing authority for HVI. Testing was done in accordance with AMCA Standard 210-85 and HVI 916 Test Procedures. Performance graphs show air flow vs. static pressure.

Use of HP Series fans in low resistance applications such as bathroom venting will result in elevated sound levels. We suggest FR Series or other Fantech fans for such applications.

HP FEATURES INCLUDE

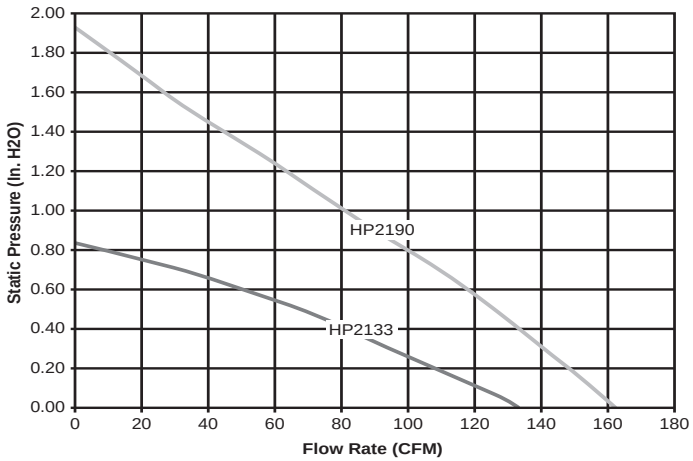
- Improved UV resistant housings approved for commercial applications.
- UL Approved for Wet Locations (Outdoors)
- Sealed housings and wiring boxes to prevent Radon leakage or water penetration
- Energy efficient permanent split capacitor motors
- External wiring box
- Full Five Year Factory Warranty

c UL us

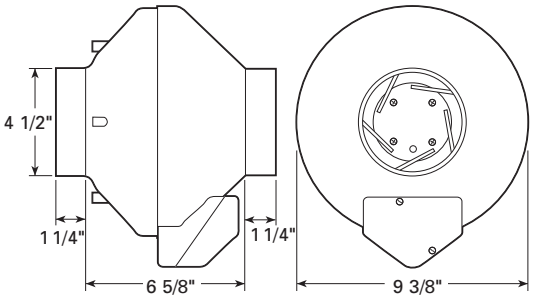
NOTE:

Installations that will result in condensate forming in the outlet ducting should have a condensate bypass installed to route the condensate outside of the fan housing. Conditions that are likely to produce condensate include but are not limited to: outdoor installations in cold climates, long lengths of outlet ducting, high moisture content in soil and thin wall or aluminum outlet ducting. Failure to install a proper condensate bypass may void any warranty claims.

HP2133 & HP2190 RADON MITIGATION FANS



Tested with 4" ID duct and standard couplings.

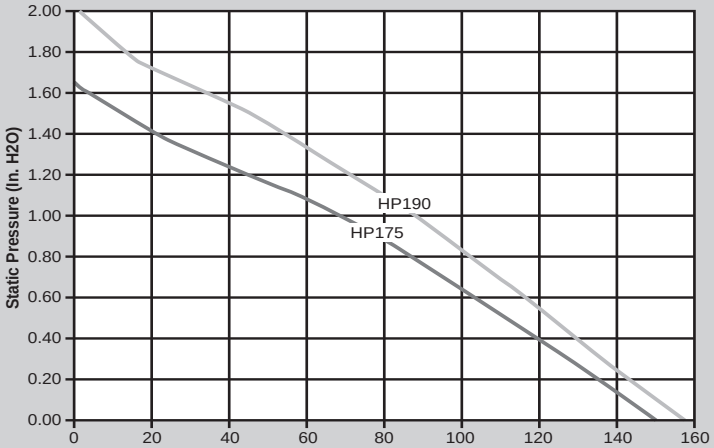


HP2133 – For applications where lower pressure and flow are needed. Record low power consumption of 14-20 watts! Often used where there is good sub slab communication and lower Radon levels.

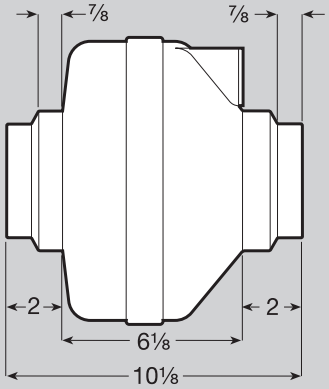
HP2190 – Performance like the HP190 but in a smaller housing. Performance suitable for the majority of installations.

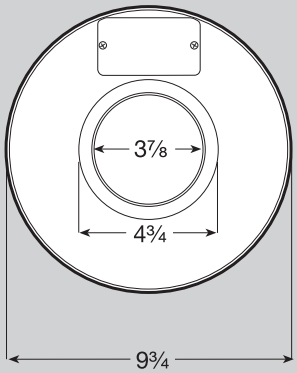
Fans are attached to PVC pipe using flexible couplings.
For 4" PVC pipe use Indiana Seals #156-44, Pipeconx PCX 56-44 or equivalent.
For 3" PVC pipe use Indiana Seals #156-43, Pipeconx PCX 56-43 or equivalent.

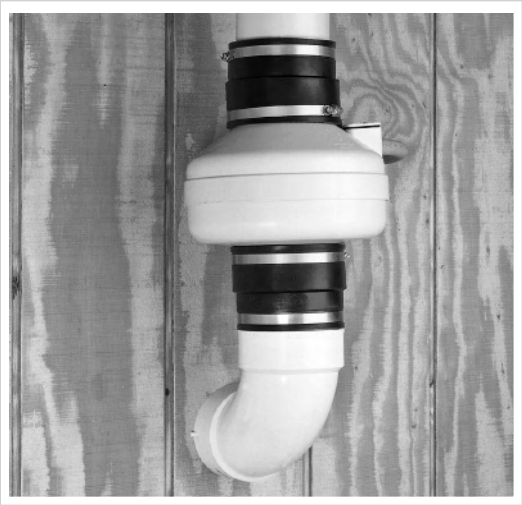
HP175 & HP190 RADON MITIGATION FANS



Tested with 4" ID duct and standard couplings.





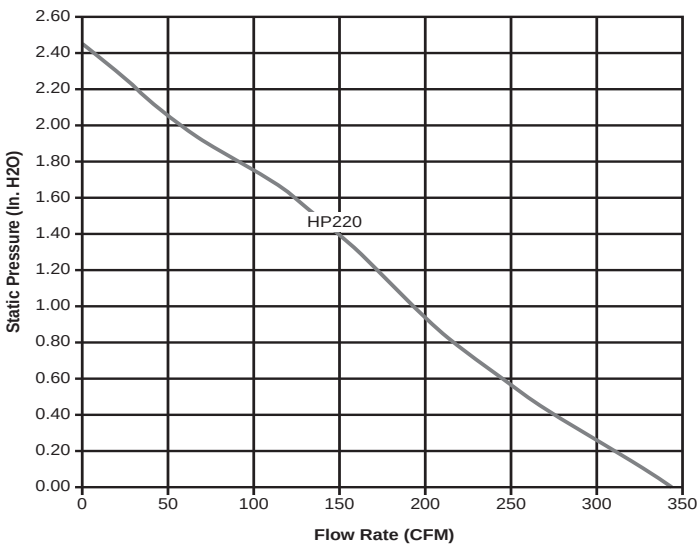


HP175 – The economical choice where slightly less air flow is needed. Often used where there is good sub slab communication and lower Radon levels.

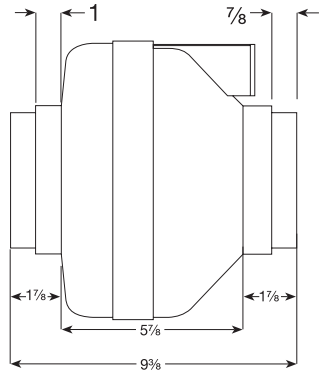
HP190 – The standard for Radon Mitigation. Ideally tailored performance curve for a vast majority of your mitigations.

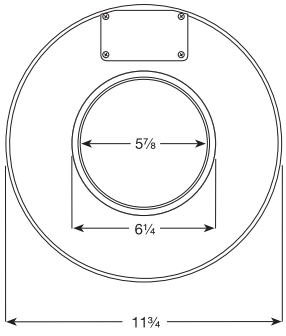
Fans are attached to PVC pipe using flexible couplings.
For 4" PVC pipe use Indiana Seals #151-44, Pipeconx PCX 51-44 or equivalent.
For 3" PVC pipe use Indiana Seals #156-43, Pipeconx PCX 56-43 or equivalent.

HP220 RADON MITIGATION FAN



Tested with 6" ID duct and standard couplings.

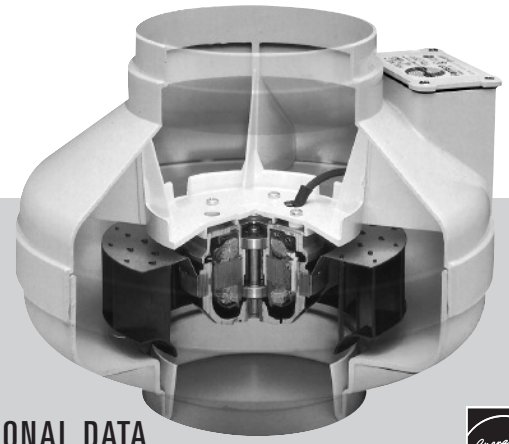




HP 220 – Excellent choice for systems with elevated radon levels, poor communication, multiple suction points and large subslab footprint. Replaces FR 175.

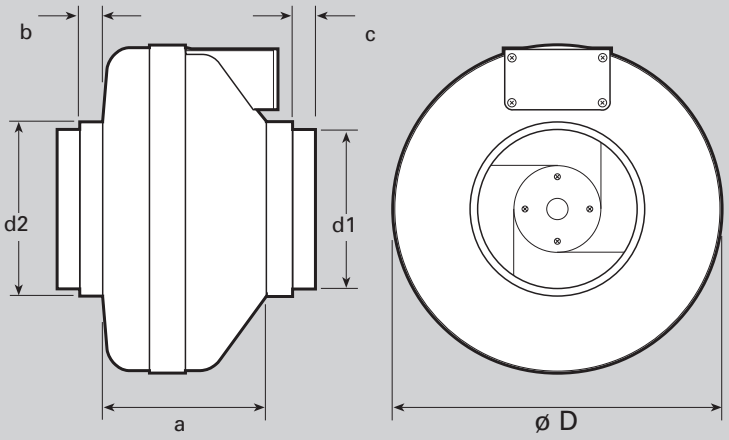
Fans are attached to PVC pipe using flexible couplings.
For 4" PVC pipe use Indiana Seals #156-64, Pipeconx PCX 56-64 or equivalent.
For 3" PVC pipe use Indiana Seals #156-63, Pipeconx PCX 56-63 or equivalent.

Fantech



FR SERIES

THE ORIGINAL MITIGATOR



DIMENSIONAL DATA

model	øD	d1	d2	a	b	c
FR100	9 1/2	3 7/8	4 7/8	6 1/8	7/8	7/8
FR110	9 1/2	3 7/8	4 7/8	6 1/8	7/8	7/8
FR125	9 1/2	–	4 7/8	6 1/8	7/8	–
FR140	11 3/4	5 7/8	6 1/4	5 7/8	1	7/8
FR150	11 3/4	5 7/8	6 1/4	5 7/8	1	7/8
FR160	11 3/4	5 7/8	6 1/4	6 3/8	1	7/8
FR200	13 1/4	7 7/8	9 7/8	6 1/4	1 1/2	1 1/2
FR225	13 1/4	7 7/8	9 7/8	6 1/4	1 1/2	1 1/2
FR250	13 1/4	–	9 7/8	6 1/4	–	1 1/2

All dimensions in inches

PERFORMANCE DATA

Fan Model	Energy Star	RPM	Volts	Rated Watts	Wattage Range	Max. Amps	CFM vs. Static Pressure in Inches W.G.							Max. Ps	Duct Dia.
							0"	.2"	.4"	.6"	.8"	1.0"	1.5"		
FR100	✓	2950	120	21.2	13 - 22	0.18	137	110	83	60	21	-	-	0.90"	4"
FR125	✓	2950	115	18	15 - 18	0.18	148	120	88	47	-	-	-	0.79"	5"
FR150	✓	2750	120	71	54 - 72	0.67	263	230	198	167	136	106	17	1.58"	6"
FR160	-	2750	115	129	103 - 130	1.14	289	260	233	206	179	154	89	2.32"	6"
FR200	✓	2750	115	122	106 - 128	1.11	408	360	308	259	213	173	72	2.14"	8"
FR225	✓	3100	115	137	111 - 152	1.35	429	400	366	332	297	260	168	2.48"	8"
FR250*	-	2850	115	241	146 - 248	2.40	649	600	553	506	454	403	294	2.58"	10"

FR Series performance is shown with ducted outlet. Per HVI's Certified Ratings Program, charted air flow performance has been derated by a factor based on actual test results and the certified rate at .2 inches WG.
** Also available with 8" duct connection. Model FR 250-8. Special Order.*

NOTE:

Installations that will result in condensate forming in the outlet ducting should have a condensate bypass installed to route the condensate outside of the fan housing. Conditions that are likely to produce condensate include but are not limited to: outdoor installations in cold climates, long lengths of outlet ducting, high moisture content in soil and thin wall or aluminum outlet ducting. Failure to install a proper condensate bypass may void any warranty claims.

FIVE YEAR WARRANTY

DURING ENTIRE WARRANTY PERIOD:

FANTECH will replace any fan which has a factory defect in workmanship or material. Product may need to be returned to the Fantech factory, together with a copy of the bill of sale and identified with RMA number.

FOR FACTORY RETURN YOU MUST:

- Have a Return Materials Authorization (RMA) number. This may be obtained by calling FANTECH either in the USA at 1.800.747.1762 or in CANADA at 1.800.565.3548. Please have bill of sale available.
- The RMA number must be clearly written on the outside of the carton, or the carton will be refused.
- All parts and/or product will be repaired/replaced and shipped back to buyer; no credit will be issued.

OR

The Distributor may place an order for the warranty fan and is invoiced.
The Distributor will receive a credit equal to the invoice only after product is returned prepaid and verified to be defective.

FANTECH WARRANTY TERMS DO NOT PROVIDE FOR REPLACEMENT WITHOUT CHARGE PRIOR TO INSPECTION FOR A DEFECT. REPLACEMENTS ISSUED IN ADVANCE OF DEFECT INSPECTION ARE INVOICED, AND CREDIT IS PENDING INSPECTION OF RETURNED MATERIAL. DEFECTIVE MATERIAL RETURNED BY END USERS SHOULD NOT BE REPLACED BY THE DISTRIBUTOR WITHOUT CHARGE TO THE END USER, AS CREDIT TO DISTRIBUTOR'S ACCOUNT WILL BE PENDING INSPECTION AND VERIFICATION OF ACTUAL DEFECT BY FANTECH.

THE FOLLOWING WARRANTIES DO NOT APPLY:

- Damages from shipping, either concealed or visible. Claim must be filed with freight company.
- Damages resulting from improper wiring or installation.
- Damages or failure caused by acts of God, or resulting from improper consumer procedures, such as:

1. Improper maintenance
2. Misuse, abuse, abnormal use, or accident, and
3. Incorrect electrical voltage or current.

- Removal or any alteration made on the FANTECH label control number or date of manufacture.
- Any other warranty, expressed, implied or written, and to any consequential or incidental damages, loss or property, revenues, or profit, or costs of removal, installation or reinstallation, for any breach of warranty.

WARRANTY VALIDATION

- The user must keep a copy of the bill of sale to verify purchase date.
- These warranties give you specific legal rights, and are subject to an applicable consumer protection legislation. You may have additional rights which vary from state to state.

DISTRIBUTED BY:

Fantech

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Item #: 411741
Rev Date: 021010

APPENDIX 5

CONSTRUCTION COMPLETION REPORT

INTERIM REMEDIAL MEASURES

SUB SLAB DEPRESSURIZATION SYSTEM INSTALLATION

Former Hall-Welter Site

MONROE COUNTY, NEW YORK

Construction Completion Report

INTERIM REMEDIAL MEASURES

SUB SLAB DEPRESSURIZATION SYSTEM INSTALLATION

NYSDEC Site Number: 828194

Prepared for:

Center Properties of Rochester, Inc.

1000 Elmwood Avenue, Rochester, NY

Prepared by:

LaBella Associates, DPC

300 State Street, Suite 201, Rochester, NY

(585)454-6110

NOVEMBER 2018

CERTIFICATION

I, Dan Noll, 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 Interim Remedial Measures Work Plan was implemented and that all construction activities were completed in substantial conformance with the Department-approved Interim Remedial Measures Work Plan .

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

I certify that all data generated in support of this report has been or will be submitted in accordance with the Department's electronic data deliverable.

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, Dan Noll, of LaBella Associates, DPC, am certifying as Owner's Designated Site Representative for the site.

081996	11/15/18	
NYS Professional Engineer #	Date	Signature

TABLE OF CONTENTS

LIST OF ACRONYMS

AS	Air Sparging
ASP	Analytical Services Protocol
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CAMP	Community Air Monitoring Plan
C/D	Construction and Demolition
CFR	Code of Federal Regulation
CLP	Contract Laboratory Program
COC	Certificate of Completion
CO2	Carbon Dioxide
CP	Commissioner Policy
DER	Division of Environmental Remediation
EC	Engineering Control
ECL	Environmental Conservation Law
ELAP	Environmental Laboratory Approval Program
ERP	Environmental Restoration Program
EWP	Excavation Work Plan
GHG	Green House Gas
GWE&T	Groundwater Extraction and Treatment
HASP	Health and Safety Plan
IC	Institutional Control
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYCRR	New York Codes, Rules and Regulations
O&M	Operation and Maintenance
OM&M	Operation, Maintenance and Monitoring
OSHA	Occupational Safety and Health Administration
OU	Operable Unit
PID	Photoionization Detector
PRP	Potentially Responsible Party
PRR	Periodic Review Report
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
RP	Remedial Party
RSO	Remedial System Optimization
SAC	State Assistance Contract
SCG	Standards, Criteria and Guidelines
SCO	Soil Cleanup Objective

SMP	Site Management Plan
SOP	Standard Operating Procedures
SOW	Statement of Work
SPDES	State Pollutant Discharge Elimination System
SSD	Sub-slab Depressurization
SVE	Soil Vapor Extraction
SVI	Soil Vapor Intrusion
TAL	Target Analyte List
TCL	Target Compound List
TCLP	Toxicity Characteristic Leachate Procedure
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VCA	Voluntary Cleanup Agreement
VCP	Voluntary Cleanup Program

CONSTRUCTION COMPLETION REPORT

INTERIM REMEDIAL MEASURE

SUB SLAB DEPRESSURIZATION SYTEM INSTALLATION

1.0 BACKGROUND AND SITE DESCRIPTION

Center Properties of Rochester, Inc. entered into an Order on Consent, on June 23, 2017 with the NYSDEC to install and operate a soil vapor intrusion mitigation system at the site.

The site is located in Rochester, Monroe County, New York and is identified as Section 121, Subsection 48, Block 1 and Lot 80 on the Monroe County Tax Map (see Figure 2). The site is an approximately 0.390-acre area and is bounded by an automotive repair facility to the north, Orion Alley and residential properties to the south, residential and commercial properties to the east, and Mt. Hope Avenue to the west (see Figure 3 – Site Layout Map).

2.0 SUMMARY OF SITE REMEDY

2.1 REMEDIAL ACTION OBJECTIVES

The Remedial Action Objectives (RAOs) for the Site have not been established. The NYSDEC generic RAOs are as follows:

2.1.1 Groundwater RAOs

RAOs for Public Health Protection

- Prevent ingestion of groundwater containing contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles emanating from contaminated groundwater.

RAOs for Environmental Protection

- Restore ground water aquifer, to the extent practicable, to pre-disposal/pre-release conditions.
- Prevent the discharge of contaminants to surface water.
- 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 to, contaminants volatilizing from contaminated soil.

RAOs for Environmental Protection

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

- Prevent impacts to biota due to ingestion/direct contact with contaminated soil that would cause toxicity or bioaccumulation through the terrestrial food chain.

2.1.3 Surface Water RAOs

RAOs for Public Health Protection

- Prevent ingestion of contaminated water.
- Prevent contact or inhalation of contaminants from impacted water bodies.
- Prevent surface water contamination that may result in fish advisories.

RAOs for Environmental Protection

- Restore surface water to ambient water quality standards for each contaminant of concern.
- Prevent impacts to biota due to ingestion/direct contact with contaminated surface water that would cause toxicity or bioaccumulation through the marine or aquatic food chain.

2.1.4 Sediment RAOs

RAOs for Public Health Protection

- Prevent direct contact with contaminated sediments.
- Prevent surface water contamination that may result in fish advisories.

RAOs for Environmental Protection

- Prevent release(s) of contaminant(s) from sediments that would result in surface water levels in excess of (ambient water quality criteria).
- Prevent impacts to biota due to ingestion/direct contact with contaminated sediments that would cause toxicity or bioaccumulation through the marine or aquatic food chain.

3.0 INTERIM REMEDIAL MEASURE

This CCR documents the first IRM for this Site; no prior IRMs, operable units or separate construction contracts have been identified or performed.

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

The objective of this IRM was to mitigate chlorinated VOC impacts identified in indoor air samples collected in February 2014. This objective was accomplished via the installation of a SSDS within portions of the Site building. The Site is currently vacant. The most recent Site occupants included a church and various small retail tenants.

The Remedial Goals in the IRM WP were as follows:

- Install a SSDS to create negative sub-slab pressure, thus mitigating soil vapor intrusion issues within the Site building.
- Install gauges and alarms associated with the SSDS as well as vacuum monitoring points to confirm system performance.
- SSDS designs for the Site building were submitted to the NYSDEC and NYSDOH in the IRMWP dated August 2017 and were conditionally approved by NYSDEC in a letter dated August 18, 2017.

The system installation was completed on October 10, 2017. The SSDS was installed in accordance with the NYSDOH's Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York dated October 2006. The majority of the system was constructed of Schedule 40 polyvinyl chloride (PVC) piping and fittings.

4.1 GOVERNING DOCUMENTS

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved Interim Remedial Measures Work Plan (IRMWP) for the Former Hall-Welter site (August 2017). All deviations from the IRMWP are noted below.

4.2 BUILDING ASSESSMENT AND SYSTEM CONSTRUCTION

Confirmatory sub-slab air communication testing was performed at job start September 25, 2017 to refine data obtained from the preliminary building assessment. Work continued with an analysis of appropriate locations for fan, suction cavities and other SSD system components. 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 to minimize disturbance of work areas, relocate obstacles and control dust. Vacuum and air flow 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.

4.3 SSDS GENERAL DESCRIPTION

The SSDS is maintaining sub-slab vacuum at all subject areas. The system consists of (3) roof mounted fans connected by manifold piping to vapor extraction points. The SSDS was installed as permanent, integral addition to the structure.

Each suction point consists of a 5 inch core boring into the slab through which 1-2 cubic feet of sub-slab material has been removed. Mechanically suspended 3 inch Sch 40 PVC pipe was inserted into the boring and sealed with urethane sealant. The riser piping consists of 3 inch Sch 40 PVC pipe that follows a route from the extraction point to a 4 inch trunk line, then to an exterior mounted vacuum fan. 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.

Exhaust fans were field selected for specific performance properties based on the requirements of pressure field extension testing. Fan System #3 was rebuilt to relocate a previously improperly placed fan from the basement to the roof. Each fan has an exterior disconnect switch. All fans are mounted with rubber Fernco couplings for simplified replacement. No air intakes are present within 10 feet of the exhaust points. The three specific fan models that were used consist of:

1. Fan System #1 – AMG FESTA Model “Force” – South sidewall mount with five suction points.
2. Fan System #2 – RadonAway Model RP-265 – Central roof mount with three suction points

3. Fan System #3 – Fantech Model HP-190 – North sidewall mount with one suction point.

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. The exhaust fan system is equipped with a vacuum indicator mounted in a visible location on a riser pip. 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. In addition, each fan system is equipped with a plug-in audible alarm to alert the occupants upon loss of system vacuum.

Polyurethane sealants were 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 was employed to guide sealing operations. Materials used include Sika Sikaflex 1c-SLselfleveling joint sealant and Sika 1a Sealant.

Monitoring points consist of ¾" drill points through the slab into which a digital micromanometer probe can be inserted. They are semi-permanently closed 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.

Fan, suction point, piping and vacuum monitoring point locations are detailed on Figure 2 – SSDS As-Built Drawings. SSDS component details are included as Figure 2A.

4.4 PERFORMANCE EVALUATION/DOCUMENTATION SAMPLING

In order to verify system effectiveness and as a performance evaluation, 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. The testing was completed on October 10, 2017.

Test Point #	Measurement (inches of water column)
1	-0.006
2	-0.004
3	-0.065
4	-0.030
5	-0.526
6	-0.040
7	-0.009
8	-0.006
9	-0.020
10	-0.012
11	-0.081
12	-0.039
13	-0.029

Follow up indoor air sampling was performed on November 2, 2017 at seven interior sample locations. Laboratory reports indicated that trichloroethene (TCE) concentrations in indoor air ranged from 0.27 $\mu g/m^3$ to 4.6 $\mu g/m^3$, exceeding the NYSDEC air guidance value of 2.0 $\mu g/m^3$.

On April 6, 2018 a building survey was conducted with a photo-ionization detector (PID) capable of detecting VOCs at parts per billion (ppb) concentrations. Areas of screening included concrete slab joints/cracks, SSDS suction points, piping joints and vent/utility chases. Elevated PID readings were not observed during the building survey.

On April 10, 2018 a second round of indoor air samples were collected. Laboratory reports indicated that the highest concentration of TCE detected in laboratory analysis was 1.8 $\mu g/m^3$.

Indoor air sampling locations are detailed on Figure 3. Results of indoor air sampling are summarized on Table 1. Laboratory reports are attached in Appendix 2. The Data Usability Summary Report (DUSR) is attached in Appendix 3.

LIST OF TABLES

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TABLES

Table 1 - Summary of Volatiles Analysis in Air

38-46 Mount Hope Avenue, Rochester, New York

Results in micrograms per cubic meter (µg/m3)

Sample ID	IA-1	IA-2	IA-3	IA-4	IA-5	IA-6	IA-7	IA-8	OA-1
Date Collected	4/10/2018	4/10/2018	4/10/2018	4/10/2018	4/10/2018	4/10/2018	4/10/2018	4/10/2018	4/10/2018
Matrix	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Outdoor Air
1,1,1-Trichloroethane	<0.82	<0.82	<0.82	<0.82	<0.82 UJ	<0.82	<0.82	<0.82	<0.82 UJ
1,1,2,2-Tetrachloroethane	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0	<1.0	<1.0	<1.0 UJ
1,1,2-Trichloroethane	<0.82	<0.82	<0.82	<0.82	<0.82 UJ	<0.82	<0.82	<0.82	<0.82 UJ
1,1-Dichloroethane	<0.61	<0.61	<0.61	<0.61	<0.61 UJ	<0.61	<0.61	<0.61	<0.61 UJ
1,1-Dichloroethene	<0.16	<0.16	<0.16	<0.16	<0.16 UJ	<0.16	<0.16	<0.16	<0.16 UJ
1,2,4-Trichlorobenzene	<1.1	<1.1	<1.1	<1.1	<1.1 UJ	<1.1	<1.1	<1.1	<1.1 UJ
1,2,4-Trimethylbenzene	0.79	0.69 J	0.59 J	1.4	0.98 J	0.59 J	0.64 J	0.49 J	0.84 J
1,2-Dibromoethane	<1.2	<1.2	<1.2	<1.2	<1.2 UJ	<1.2	<1.2	<1.2	<1.2 UJ
1,2-Dichlorobenzene	<0.90	<0.90	<0.90	<0.90	<0.90 UJ	<0.90	<0.90	<0.90	<0.90 UJ
1,2-Dichloroethane	<0.61	<0.61	<0.61	<0.61	<0.61 UJ	<0.61	<0.61	<0.61	<0.61 UJ
1,2-Dichloropropane	<0.69	<0.69	<0.69	<0.69	<0.69 UJ	<0.69	<0.69	<0.69	<0.69 UJ
1,3,5-Trimethylbenzene	0.59 J	<0.74	0.69 J	0.79	0.54 J	<0.74	<0.74	<0.74	0.59 J
1,3-butadiene	<0.33	<0.33	<0.33	<0.33	<0.33 UJ	<0.33	<0.33	<0.33	<0.33 UJ
1,3-Dichlorobenzene	<0.90	<0.90	<0.90	<0.90	<0.90 UJ	<0.90	<0.90	<0.90	<0.90 UJ
1,4-Dichlorobenzene	<0.90	<0.90	<0.90	<0.90	<0.90 UJ	<0.90	<0.90	<0.90	0.84 J
1,4-Dioxane	<1.1	<1.1	<1.1	<1.1	<1.1 UJ	<1.1	<1.1	<1.1	<1.1 UJ
2,2,4-trimethylpentane	<0.70	<0.70	<0.70	<0.70	<0.70 UJ	<0.70	<0.70	<0.70	0.61 J
4-ethyltoluene	<0.74	<0.74	<0.74	<0.74	<0.74 UJ	<0.74	<0.74	<0.74	<0.74 UJ
Acetone	24 J	24 J	43 J	30 J	26 J	35 J	31 J	18 J	21 J
Allyl chloride	<0.47	<0.47	<0.47	<0.47	<0.47 UJ	<0.47	<0.47	<0.47	<0.47 UJ
Benzene	0.70	0.70	0.67	0.73	0.73 J	0.67	0.67	0.70	1.2 J
Benzyl chloride	<0.86	<0.86	<0.86	<0.86	<0.86 UJ	<0.86	<0.86	<0.86	<0.86 UJ
Bromodichloromethane	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0	<1.0	<1.0	<1.0 UJ
Bromoform	<1.6	<1.6	<1.6	<1.6	<1.6 UJ	<1.6	<1.6	<1.6	<1.6 UJ
Bromomethane	<0.58	<0.58	<0.58	<0.58	<0.58 UJ	<0.58	<0.58	<0.58	<0.58 UJ
Carbon disulfide	<0.47	<0.47	<0.47	<0.47	<0.47 UJ	<0.47	<0.47	<0.47	<0.47 UJ
Carbon tetrachloride	0.50	0.50	0.50	0.57	0.50 J	0.50	0.57	0.50	0.57 J
Chlorobenzene	<0.69	<0.69	<0.69	<0.69	<0.69 UJ	<0.69	<0.69	<0.69	<0.69 UJ
Chloroethane	<0.40	<0.40	<0.40	<0.40	<0.40 UJ	<0.40	<0.40	<0.40	<0.40 UJ
Chloroform	0.59 J	0.54 J	0.63 J	<0.73	0.49 J	0.68 J	0.49 J	0.73	<0.73 UJ
Chloromethane	0.83	0.89	0.89	0.93	0.91 J	0.95	0.99	0.85	1.2 J
cis-1,2-Dichloroethene	<0.16	<0.16	<0.16	<0.16	<0.16 UJ	<0.16	<0.16	<0.16	<0.16 UJ
cis-1,3-Dichloropropene	<0.68	<0.68	<0.68	<0.68	<0.68 UJ	<0.68	<0.68	<0.68	<0.68 UJ
Cyclohexane	<0.52	<0.52	<0.52	<0.52	<0.52 UJ	<0.52	<0.52	<0.52	1.3 J
Dibromochloromethane	<1.3	<1.3	<1.3	<1.3	<1.3 UJ	<1.3	<1.3	<1.3	<1.3 UJ
Ethyl acetate	7.6 J	7.9 J	4.7 J	8.3 J	8.3 J	9.7 J	5.8 J	3.4	9.9 J
Ethylbenzene	<0.65	<0.65	<0.65	<0.65	<0.65 UJ	<0.65	<0.65	<0.65	1.8 J
Freon 11	1.2	1.2	1.2	1.3	1.2 J	1.3	1.3	1.2	1.4 J
Freon 113	<1.1	<1.1	<1.1	<1.1	<1.1 UJ	<1.1	<1.1	<1.1	<1.1 UJ
Freon 114	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0	<1.0	<1.0	<1.0 UJ
Freon 12	2.4	2.5	2.5	2.6	2.4 J	2.6	3.5	2.6	8.4 J
Heptane	4.7	5.3	7.5	7.6	4.8 J	8.6 J	9.4 J	0.70	1.5 J
Hexachloro-1,3-butadiene	<1.6	<1.6	<1.6	<1.6	<1.6 UJ	<1.6	<1.6	<1.6	<1.6 UJ
Hexane	0.78	0.74	0.67	0.63	1.4 J	0.60	0.81	0.67	5.6 J
Isopropyl alcohol	13 J	12 J	5.7 J	7.4 J	5.9 J	7.9 J	6.9 J	3.0	5.7 J
m&p-Xylene	1.3 J	1.1 J	0.91 J	1.3	1.1 J	0.91 J	0.87 J	0.91 J	5.7 J
Methyl Butyl Ketone	<1.2	<1.2	0.66 J	<1.2	<1.2 UJ	<1.2	<1.2	<1.2	<1.2 UJ
Methyl Ethyl Ketone	2.0	2.2	1.8	1.6	1.5 UJ	1.3	1.3	1.5	1.7 J
Methyl Isobutyl Ketone	<1.2	<1.2	0.74 J	<1.2	<1.2 UJ	<1.2	<1.2	<1.2	0.90 J
Methyl tert-butyl ether	<0.54	<0.54	<0.54	<0.54	<0.54 UJ	<0.54	<0.54	<0.54	<0.54 UJ
Methylene chloride	1.0	1.6	1.0	1.7	1.9 J	1.3	1.3	0.83	6.7 J
o-Xylene	0.52 J	0.48 J	<0.65	0.61 J	0.52 J	<0.65	<0.65	<0.65	1.5 J
Propylene	<0.26	<0.26	<0.26	<0.26	<0.26 UJ	<0.26	<0.26	<0.26	<0.26 UJ
Styrene	<0.64	<0.64	<0.64	<0.64	<0.64 UJ	<0.64	<0.64	<0.64	0.60 J
Tetrachloroethylene	<1.0	<1.0	<1.0	<1.0	1.3 J	<1.0	<1.0	1.1	<1.0 UJ
Tetrahydrofuran	0.71	0.88	<0.44	0.74	<0.44 UJ	<0.44	<0.44	<0.44	<0.44 UJ
Toluene	5.6	6.0	6.4 J	7.5 J	5.8 J	9.8 J	10 J	1.7	17 J
trans-1,2-Dichloroethene	<0.59	<0.59	<0.59	<0.59	<0.59 UJ	<0.59	<0.59	<0.59	0.59 J
trans-1,3-Dichloropropene	<0.68	<0.68	<0.68	<0.68	<0.68 UJ	<0.68	<0.68	<0.68	<0.68 UJ
Trichloroethene	0.64	0.70	0.91	0.97	0.64 J	1.2	1.8	0.32	<0.16 UJ
Vinyl acetate	<0.53	<0.53	<0.53	<0.53	<0.53 UJ	<0.53	<0.53	<0.53	<0.53 UJ
Vinyl Bromide	<0.66	<0.66	<0.66	<0.66	<0.66 UJ	<0.66	<0.66	<0.66	<0.66 UJ
Vinyl chloride	<0.10	<0.10	<0.10	<0.10	<0.10 UJ	<0.10	<0.10	<0.10	<0.10 UJ

NOTES:

Volatiles analysis in air completed by TO-15

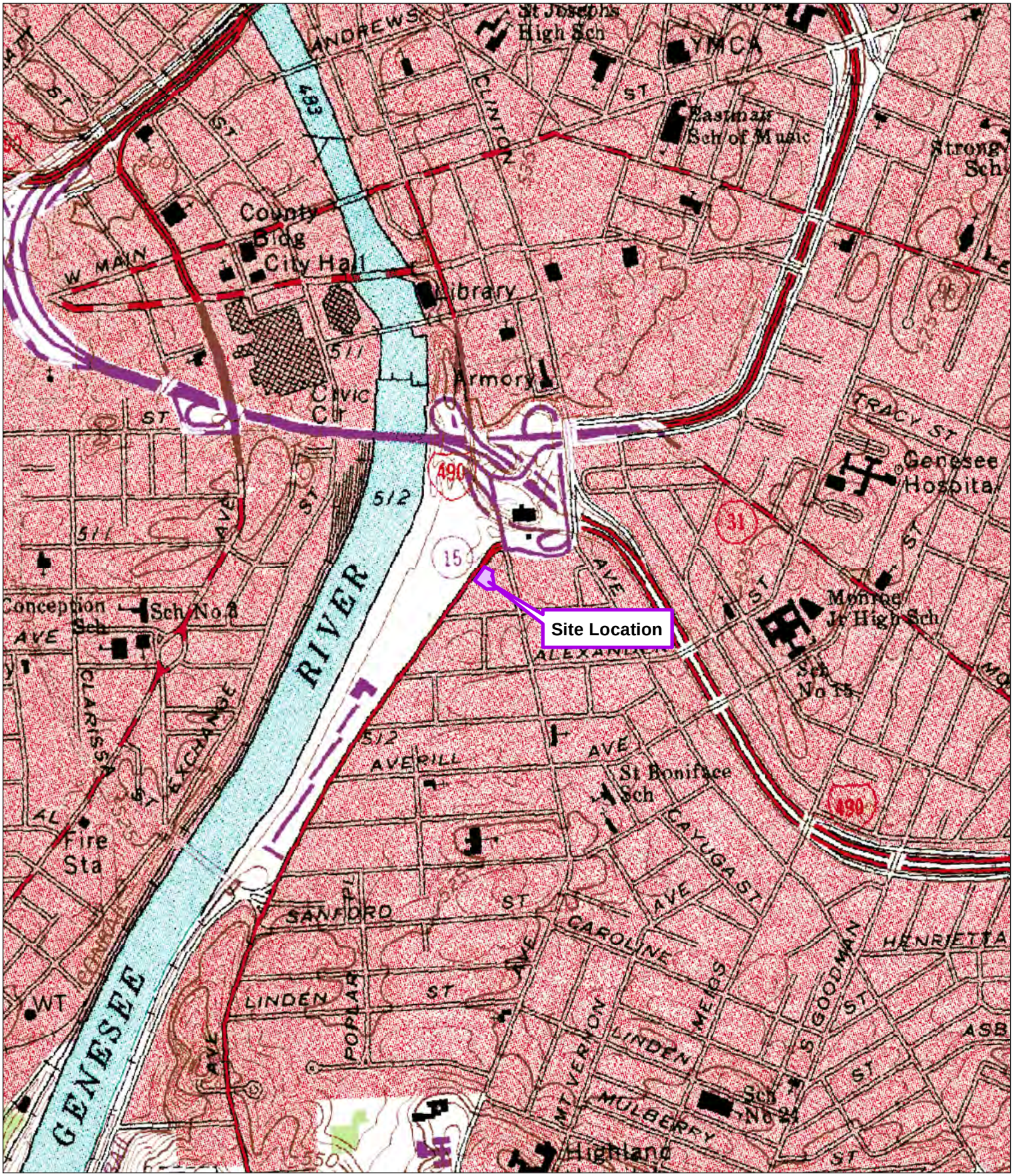
"<" indicates not detected above laboratory method detection limit (MDL)

"NA" indicates not applicable.

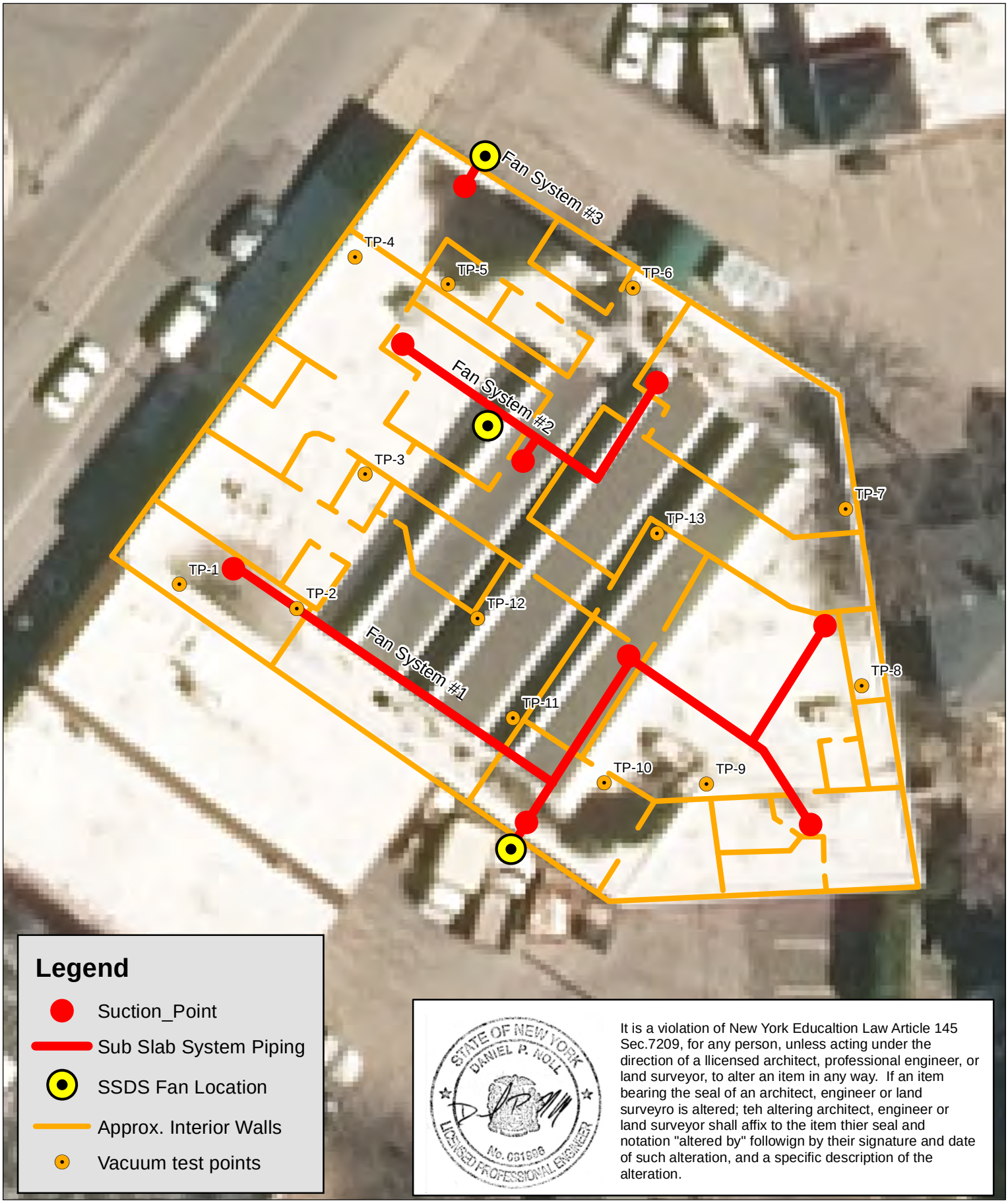
"J" Qualifier indicates analyte detected below quantitation limit and is considered estimated

All concentrations are in micrograms per cubic meter (µg/m^3)

FIGURES



PROJECT #/DRAWING #/DATE:	DRAWING NAME:	CLIENT:	
2160225 FIGURE 1 11/15/2018	SITE LOCATION MAP	CENTER PROPERTIES OF ROCHESTER, INC. PROJECT: Construction Completion Report Former Hall-Welter Site 38-46 MOUNT HOPE AVENUE ROCHESTER, NEW YORK	N W E S 0 500 1,000 Feet 1 inch = 1,000 feet INTENDED TO PRINT AS: 8.5" X 11" LaBella Powered by partnership.



It is a violation of New York Educaltion Law Article 145 Sec.7209, for any person, unless acting under the direction of a llicensed architect, professional engineer, or land surveyor, to alter an item in any way. If an item bearing the seal of an architect, engineer or land surveyro is altered; teh altering architect, engineer or land surveyor shall affix to the item thier seal and notation "altered by" followign by their signature and date of such alteration, and a specific description of the alteration.

PROJECT #/DRAWING #/DATE:
2160225
FIGURE 2
11/15/2018

DRAWING NAME:
Sub Stab Depressurization System As-Built

CLIENT:
CENTER PROPERTIES OF ROCHESTER, INC.
PROJECT:
Construction Completion Report
Former Hall-Welter Site
38-46 MOUNT HOPE AVENUE
ROCHESTER, NEW YORK

N
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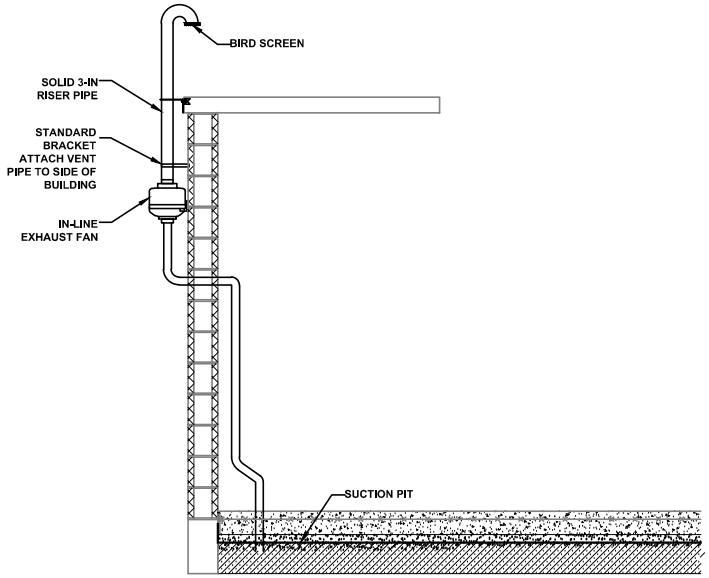
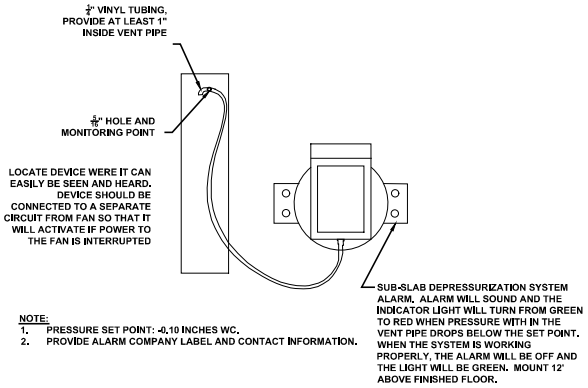
0 10 20
Feet
1 inch = 25 feet
INTENDED TO PRINT AS: 8.5" X 11"

LaBella
Powered by partnership.



CROSS SECTION VIEW AT EXTERIOR WALL (TYPICAL)
SCALE: NONE



NOTE:
1. PRESSURE SET POINT: -0.10 INCHES WC.
2. PROVIDE ALARM COMPANY LABEL AND CONTACT INFORMATION.

SUBSLAB DEPRESSURIZATION SYSTEM ALARM DETAIL (TYPICAL)
SCALE: NONE

STATE OF NEW YORK
DANIEL P. NOLL
No. 081686
LICENSED PROFESSIONAL ENGINEER

LaBella
Powered by partnership.

PROJECT/CLIENT
46 MOUNT HOPE AVENUE
ROCHESTER, NEW YORK

DRAWING TITLE
SUB-SLAB DEPRESSURIZATION SYSTEM DETAILS

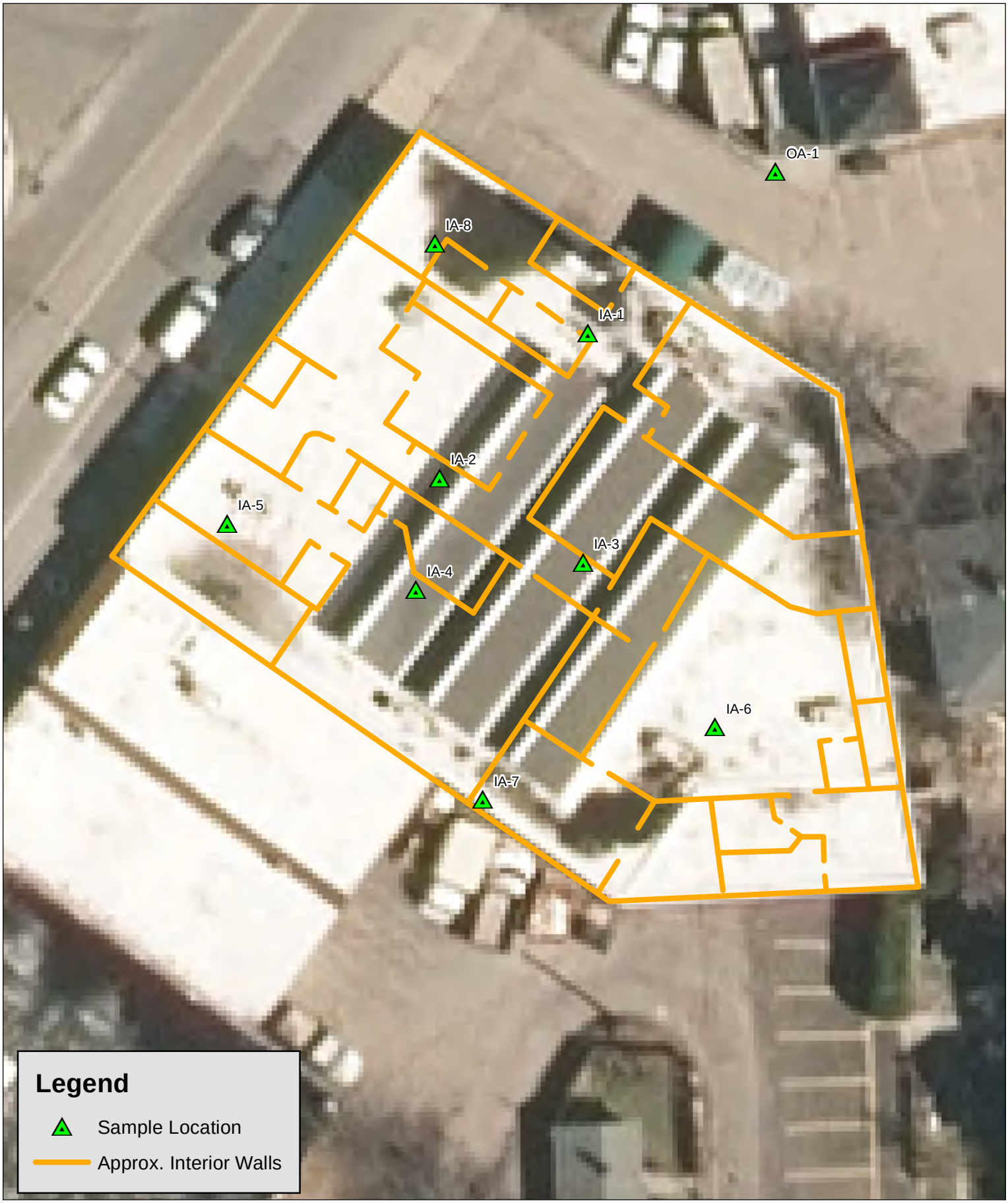
ISSUED FOR:

DESIGNED BY: DKE
DRAWN BY: DRP
REVIEWED BY: DPN

DATE: APRIL 2016

PROJECT/DRAWING NUMBER
2160225

FIGURE 2A



PROJECT #/DRAWING #/DATE:

2160225

FIGURE 2

11/15/2018

DRAWING NAME:

Indoor Air Sample Locations

CLIENT:

CENTER PROPERTIES OF ROCHESTER, INC.

PROJECT:

Construction Completion Report
Former Hall-Welter Site
38-46 MOUNT HOPE AVENUE
ROCHESTER, NEW YORK

N
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S

0 10 20 Feet

1 inch = 25 feet

INTENDED TO PRINT AS: 8.5" X 11"

LaBella
Powered by partnership.

APPENDIX A

Agency Approvals

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road, Avon, NY 14414-9516
P: (585) 226-5353 I F: (585) 226-8139
www.dec.ny.gov

August 18, 2017

Center Properties of Rochester, LLC
1000 South Avenue
Rochester, New York 14620

Dear Center Properties,

RE: Former Hall-Welter Site; #828194

The NYS Department of Environmental Conservation and NYS Department of Health have completed their review of the document entitled "Interim Remedial Measures Work Plan," dated August 2017. This document is hereby conditionally approved with the stipulations below;

1. Post mitigation indoor air sampling of tenant occupied spaces will be included in the plan. Indoor air sampling would be conducted no less than 30 days after the sub slab depressurization system is started.

2. The plan will also include a contingency that if indoor air levels are not adequately reduced, additional steps will be taken. If the results of post mitigation air sampling indicate site related volatile organic compounds remain above air guidelines or levels typical of background, a separate investigation work plan should be submitted to determine other indoor air sources (e.g., chemical products, building materials) or other factors potentially influencing soil vapor intrusion (e.g., building construction and/or foundation type/integrity).

3. Tenant notifications for post mitigation sampling results should also be included in the plan. Also, please verify whether historic air sampling data has been provided to the current tenant and sub tenants of the onsite building. As you are aware, previous air sampling identified elevated levels of trichloroethene in the indoor air above the NYSDOH air guideline (2 ug/m3), as well as the level at which we recommend that immediate and effective action be taken to reduce exposure (20 ug/m3).

4. The as-built drawings to be included in the construction completion report will include all systems currently operating on site with their associated piping, including the two systems previously installed and new systems.

In addition, one printed copy and one electronic copy should be sent to myself as the DEC project manager. The electronic copy should also be sent to Mark Sergott at the NYS Department of Health.

As a reminder, all final documents and reports are to be in electronic format on compact computer discs (CDs). The disk should contain an Adobe® Acrobat® Portable Document Format (PDF) file and must be searchable. All data submitted to the DER must be in the DEC-approved Electronic Data Deliverable (EDD). Moreover, new data must be submitted on a continuous basis immediately after data validation occurs but in no event more than 90 days after the data have been submitted to the remedial party or its consultant(s). In other words, data are not to be held and submitted with the related reports.

If you have questions or concerns on this matter, please contact me at (585) 226-5356 or adam.morgan@dec.ny.gov.

Sincerely,

Adam Morgan, E.I.T.
Engineer Trainee

ec: Dave Engert, Labella
Paul Sylvestri, HSE Law
Dusty Tinsley, NYSDEC
Mark Sergott, NYSDOH
Bernette Schilling, NYSDEC
Frank Sowers, NYSDEC

APPENDIX B

Laboratory Data

Centek Laboratories, LLC

Date: *24-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-1
Lab Order:	C1804042	**Tag Number:**	1191,342
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/18/2018 9:19:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/18/2018 9:19:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/18/2018 9:19:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/18/2018 9:19:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	4/18/2018 9:19:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/18/2018 9:19:00 PM
1,2,4-Trimethylbenzene	0.79	0.74		ug/m3	1	4/18/2018 9:19:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/18/2018 9:19:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 9:19:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/18/2018 9:19:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/18/2018 9:19:00 PM
1,3,5-Trimethylbenzene	0.59	0.74	J	ug/m3	1	4/18/2018 9:19:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/18/2018 9:19:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 9:19:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 9:19:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	4/18/2018 9:19:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/18/2018 9:19:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/18/2018 9:19:00 PM
Acetone	24	3.6		ug/m3	5	4/21/2018 1:41:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/18/2018 9:19:00 PM
Benzene	0.70	0.48		ug/m3	1	4/18/2018 9:19:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/18/2018 9:19:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/18/2018 9:19:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	4/18/2018 9:19:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	4/18/2018 9:19:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/18/2018 9:19:00 PM
Carbon tetrachloride	0.50	0.19		ug/m3	1	4/18/2018 9:19:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/18/2018 9:19:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	4/18/2018 9:19:00 PM
Chloroform	0.59	0.73	J	ug/m3	1	4/18/2018 9:19:00 PM
Chloromethane	0.83	0.31		ug/m3	1	4/18/2018 9:19:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	4/18/2018 9:19:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/18/2018 9:19:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/18/2018 9:19:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/18/2018 9:19:00 PM
Ethyl acetate	7.6	2.7		ug/m3	5	4/21/2018 1:41:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/18/2018 9:19:00 PM
Freon 11	1.2	0.84		ug/m3	1	4/18/2018 9:19:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	4/18/2018 9:19:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	4/18/2018 9:19:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-1
Lab Order:	C1804042	**Tag Number:**	1191,342
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Freon 12	2.4	0.74		ug/m3	1	4/18/2018 9:19:00 PM
Heptane	4.7	0.61		ug/m3	1	4/18/2018 9:19:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/18/2018 9:19:00 PM
Hexane	0.78	0.53		ug/m3	1	4/18/2018 9:19:00 PM
Isopropyl alcohol	13	1.8		ug/m3	5	4/21/2018 1:41:00 AM
m&p-Xylene	1.3	1.3	J	ug/m3	1	4/18/2018 9:19:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	4/18/2018 9:19:00 PM
Methyl Ethyl Ketone	2.0	0.88		ug/m3	1	4/18/2018 9:19:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	4/18/2018 9:19:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/18/2018 9:19:00 PM
Methylene chloride	1.0	0.52		ug/m3	1	4/18/2018 9:19:00 PM
o-Xylene	0.52	0.65	J	ug/m3	1	4/18/2018 9:19:00 PM
Propylene	< 0.26	0.26		ug/m3	1	4/18/2018 9:19:00 PM
Styrene	< 0.64	0.64		ug/m3	1	4/18/2018 9:19:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/18/2018 9:19:00 PM
Tetrahydrofuran	0.71	0.44		ug/m3	1	4/18/2018 9:19:00 PM
Toluene	5.6	0.57		ug/m3	1	4/18/2018 9:19:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/18/2018 9:19:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/18/2018 9:19:00 PM
Trichloroethene	0.64	0.16		ug/m3	1	4/18/2018 9:19:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/18/2018 9:19:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/18/2018 9:19:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/18/2018 9:19:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-2
Lab Order:	C1804042	**Tag Number:**	546,250
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/18/2018 10:00:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/18/2018 10:00:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/18/2018 10:00:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/18/2018 10:00:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	4/18/2018 10:00:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/18/2018 10:00:00 PM
1,2,4-Trimethylbenzene	0.69	0.74	J	ug/m3	1	4/18/2018 10:00:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/18/2018 10:00:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 10:00:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/18/2018 10:00:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/18/2018 10:00:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/18/2018 10:00:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/18/2018 10:00:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 10:00:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 10:00:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	4/18/2018 10:00:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/18/2018 10:00:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/18/2018 10:00:00 PM
Acetone	24	7.1		ug/m3	10	4/21/2018 2:17:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/18/2018 10:00:00 PM
Benzene	0.70	0.48		ug/m3	1	4/18/2018 10:00:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/18/2018 10:00:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/18/2018 10:00:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	4/18/2018 10:00:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	4/18/2018 10:00:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/18/2018 10:00:00 PM
Carbon tetrachloride	0.50	0.19		ug/m3	1	4/18/2018 10:00:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/18/2018 10:00:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	4/18/2018 10:00:00 PM
Chloroform	0.54	0.73	J	ug/m3	1	4/18/2018 10:00:00 PM
Chloromethane	0.89	0.31		ug/m3	1	4/18/2018 10:00:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	4/18/2018 10:00:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/18/2018 10:00:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/18/2018 10:00:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/18/2018 10:00:00 PM
Ethyl acetate	7.9	5.4		ug/m3	10	4/21/2018 2:17:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/18/2018 10:00:00 PM
Freon 11	1.2	0.84		ug/m3	1	4/18/2018 10:00:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	4/18/2018 10:00:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	4/18/2018 10:00:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-2
Lab Order:	C1804042	**Tag Number:**	546,250
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Freon 12	2.5	0.74		ug/m3	1	4/18/2018 10:00:00 PM
Heptane	5.3	0.61		ug/m3	1	4/18/2018 10:00:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/18/2018 10:00:00 PM
Hexane	0.74	0.53		ug/m3	1	4/18/2018 10:00:00 PM
Isopropyl alcohol	12	3.7		ug/m3	10	4/21/2018 2:17:00 AM
m&p-Xylene	1.1	1.3	J	ug/m3	1	4/18/2018 10:00:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	4/18/2018 10:00:00 PM
Methyl Ethyl Ketone	2.2	0.88		ug/m3	1	4/18/2018 10:00:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	4/18/2018 10:00:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/18/2018 10:00:00 PM
Methylene chloride	1.6	0.52		ug/m3	1	4/18/2018 10:00:00 PM
o-Xylene	0.48	0.65	J	ug/m3	1	4/18/2018 10:00:00 PM
Propylene	< 0.26	0.26		ug/m3	1	4/18/2018 10:00:00 PM
Styrene	< 0.64	0.64		ug/m3	1	4/18/2018 10:00:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/18/2018 10:00:00 PM
Tetrahydrofuran	0.88	0.44		ug/m3	1	4/18/2018 10:00:00 PM
Toluene	6.0	0.57		ug/m3	1	4/18/2018 10:00:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/18/2018 10:00:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/18/2018 10:00:00 PM
Trichloroethene	0.70	0.16		ug/m3	1	4/18/2018 10:00:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/18/2018 10:00:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/18/2018 10:00:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/18/2018 10:00:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-3
Lab Order:	C1804042	**Tag Number:**	328,1156
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/18/2018 10:42:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/18/2018 10:42:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/18/2018 10:42:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/18/2018 10:42:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	4/18/2018 10:42:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/18/2018 10:42:00 PM
1,2,4-Trimethylbenzene	0.59	0.74	J	ug/m3	1	4/18/2018 10:42:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/18/2018 10:42:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 10:42:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/18/2018 10:42:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/18/2018 10:42:00 PM
1,3,5-Trimethylbenzene	0.69	0.74	J	ug/m3	1	4/18/2018 10:42:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/18/2018 10:42:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 10:42:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 10:42:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	4/18/2018 10:42:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/18/2018 10:42:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/18/2018 10:42:00 PM
Acetone	43	7.1		ug/m3	10	4/21/2018 2:54:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/18/2018 10:42:00 PM
Benzene	0.67	0.48		ug/m3	1	4/18/2018 10:42:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/18/2018 10:42:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/18/2018 10:42:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	4/18/2018 10:42:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	4/18/2018 10:42:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/18/2018 10:42:00 PM
Carbon tetrachloride	0.50	0.19		ug/m3	1	4/18/2018 10:42:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/18/2018 10:42:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	4/18/2018 10:42:00 PM
Chloroform	0.63	0.73	J	ug/m3	1	4/18/2018 10:42:00 PM
Chloromethane	0.89	0.31		ug/m3	1	4/18/2018 10:42:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	4/18/2018 10:42:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/18/2018 10:42:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/18/2018 10:42:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/18/2018 10:42:00 PM
Ethyl acetate	4.7	5.4	J	ug/m3	10	4/21/2018 2:54:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/18/2018 10:42:00 PM
Freon 11	1.2	0.84		ug/m3	1	4/18/2018 10:42:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	4/18/2018 10:42:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	4/18/2018 10:42:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-3
Lab Order:	C1804042	**Tag Number:**	328,1156
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Freon 12	2.5	0.74		ug/m3	1	4/18/2018 10:42:00 PM
Heptane	7.5	0.61		ug/m3	1	4/18/2018 10:42:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/18/2018 10:42:00 PM
Hexane	0.67	0.53		ug/m3	1	4/18/2018 10:42:00 PM
Isopropyl alcohol	5.7	3.7		ug/m3	10	4/21/2018 2:54:00 AM
m&p-Xylene	0.91	1.3	J	ug/m3	1	4/18/2018 10:42:00 PM
Methyl Butyl Ketone	0.66	1.2	J	ug/m3	1	4/18/2018 10:42:00 PM
Methyl Ethyl Ketone	1.8	0.88		ug/m3	1	4/18/2018 10:42:00 PM
Methyl Isobutyl Ketone	0.74	1.2	J	ug/m3	1	4/18/2018 10:42:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/18/2018 10:42:00 PM
Methylene chloride	1.0	0.52		ug/m3	1	4/18/2018 10:42:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	4/18/2018 10:42:00 PM
Propylene	< 0.26	0.26		ug/m3	1	4/18/2018 10:42:00 PM
Styrene	< 0.64	0.64		ug/m3	1	4/18/2018 10:42:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/18/2018 10:42:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/18/2018 10:42:00 PM
Toluene	6.4	5.7		ug/m3	10	4/21/2018 2:54:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/18/2018 10:42:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/18/2018 10:42:00 PM
Trichloroethene	0.91	0.16		ug/m3	1	4/18/2018 10:42:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/18/2018 10:42:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/18/2018 10:42:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/18/2018 10:42:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-4
Lab Order:	C1804042	**Tag Number:**	544,256
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/18/2018 11:23:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/18/2018 11:23:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/18/2018 11:23:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/18/2018 11:23:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	4/18/2018 11:23:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/18/2018 11:23:00 PM
1,2,4-Trimethylbenzene	1.4	0.74		ug/m3	1	4/18/2018 11:23:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/18/2018 11:23:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 11:23:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/18/2018 11:23:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/18/2018 11:23:00 PM
1,3,5-Trimethylbenzene	0.79	0.74		ug/m3	1	4/18/2018 11:23:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/18/2018 11:23:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 11:23:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 11:23:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	4/18/2018 11:23:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/18/2018 11:23:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/18/2018 11:23:00 PM
Acetone	30	7.1		ug/m3	10	4/21/2018 3:31:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/18/2018 11:23:00 PM
Benzene	0.73	0.48		ug/m3	1	4/18/2018 11:23:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/18/2018 11:23:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/18/2018 11:23:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	4/18/2018 11:23:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	4/18/2018 11:23:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/18/2018 11:23:00 PM
Carbon tetrachloride	0.57	0.19		ug/m3	1	4/18/2018 11:23:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/18/2018 11:23:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	4/18/2018 11:23:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	4/18/2018 11:23:00 PM
Chloromethane	0.93	0.31		ug/m3	1	4/18/2018 11:23:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	4/18/2018 11:23:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/18/2018 11:23:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/18/2018 11:23:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/18/2018 11:23:00 PM
Ethyl acetate	8.3	5.4		ug/m3	10	4/21/2018 3:31:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/18/2018 11:23:00 PM
Freon 11	1.3	0.84		ug/m3	1	4/18/2018 11:23:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	4/18/2018 11:23:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	4/18/2018 11:23:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-4
Lab Order:	C1804042	**Tag Number:**	544,256
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Freon 12	2.6	0.74		ug/m3	1	4/18/2018 11:23:00 PM
Heptane	7.6	0.61		ug/m3	1	4/18/2018 11:23:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/18/2018 11:23:00 PM
Hexane	0.63	0.53		ug/m3	1	4/18/2018 11:23:00 PM
Isopropyl alcohol	7.4	3.7		ug/m3	10	4/21/2018 3:31:00 AM
m&p-Xylene	1.3	1.3		ug/m3	1	4/18/2018 11:23:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	4/18/2018 11:23:00 PM
Methyl Ethyl Ketone	1.6	0.88		ug/m3	1	4/18/2018 11:23:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	4/18/2018 11:23:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/18/2018 11:23:00 PM
Methylene chloride	1.7	0.52		ug/m3	1	4/18/2018 11:23:00 PM
o-Xylene	0.61	0.65	J	ug/m3	1	4/18/2018 11:23:00 PM
Propylene	< 0.26	0.26		ug/m3	1	4/18/2018 11:23:00 PM
Styrene	< 0.64	0.64		ug/m3	1	4/18/2018 11:23:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/18/2018 11:23:00 PM
Tetrahydrofuran	0.74	0.44		ug/m3	1	4/18/2018 11:23:00 PM
Toluene	7.5	5.7		ug/m3	10	4/21/2018 3:31:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/18/2018 11:23:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/18/2018 11:23:00 PM
Trichloroethene	0.97	0.16		ug/m3	1	4/18/2018 11:23:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/18/2018 11:23:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/18/2018 11:23:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/18/2018 11:23:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-5
Lab Order:	C1804042	**Tag Number:**	136,281
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/19/2018 12:06:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/19/2018 12:06:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/19/2018 12:06:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/19/2018 12:06:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	4/19/2018 12:06:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/19/2018 12:06:00 AM
1,2,4-Trimethylbenzene	0.98	0.74		ug/m3	1	4/19/2018 12:06:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/19/2018 12:06:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 12:06:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/19/2018 12:06:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/19/2018 12:06:00 AM
1,3,5-Trimethylbenzene	0.54	0.74	J	ug/m3	1	4/19/2018 12:06:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/19/2018 12:06:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 12:06:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 12:06:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	4/19/2018 12:06:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/19/2018 12:06:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/19/2018 12:06:00 AM
Acetone	26	7.1		ug/m3	10	4/21/2018 4:08:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/19/2018 12:06:00 AM
Benzene	0.73	0.48		ug/m3	1	4/19/2018 12:06:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/19/2018 12:06:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/19/2018 12:06:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	4/19/2018 12:06:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	4/19/2018 12:06:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/19/2018 12:06:00 AM
Carbon tetrachloride	0.50	0.19		ug/m3	1	4/19/2018 12:06:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/19/2018 12:06:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	4/19/2018 12:06:00 AM
Chloroform	0.49	0.73	J	ug/m3	1	4/19/2018 12:06:00 AM
Chloromethane	0.91	0.31		ug/m3	1	4/19/2018 12:06:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	4/19/2018 12:06:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/19/2018 12:06:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/19/2018 12:06:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/19/2018 12:06:00 AM
Ethyl acetate	8.3	5.4		ug/m3	10	4/21/2018 4:08:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/19/2018 12:06:00 AM
Freon 11	1.2	0.84		ug/m3	1	4/19/2018 12:06:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	4/19/2018 12:06:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	4/19/2018 12:06:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-5
Lab Order:	C1804042	**Tag Number:**	136,281
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Freon 12	2.4	0.74		ug/m3	1	4/19/2018 12:06:00 AM
Heptane	4.8	0.61		ug/m3	1	4/19/2018 12:06:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/19/2018 12:06:00 AM
Hexane	1.4	0.53		ug/m3	1	4/19/2018 12:06:00 AM
Isopropyl alcohol	5.9	3.7		ug/m3	10	4/21/2018 4:08:00 AM
m&p-Xylene	1.1	1.3	J	ug/m3	1	4/19/2018 12:06:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	4/19/2018 12:06:00 AM
Methyl Ethyl Ketone	1.5	0.88		ug/m3	1	4/19/2018 12:06:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	4/19/2018 12:06:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/19/2018 12:06:00 AM
Methylene chloride	1.9	0.52		ug/m3	1	4/19/2018 12:06:00 AM
o-Xylene	0.52	0.65	J	ug/m3	1	4/19/2018 12:06:00 AM
Propylene	< 0.26	0.26		ug/m3	1	4/19/2018 12:06:00 AM
Styrene	< 0.64	0.64		ug/m3	1	4/19/2018 12:06:00 AM
Tetrachloroethylene	1.3	1.0		ug/m3	1	4/19/2018 12:06:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/19/2018 12:06:00 AM
Toluene	5.8	0.57		ug/m3	1	4/19/2018 12:06:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/19/2018 12:06:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/19/2018 12:06:00 AM
Trichloroethene	0.64	0.16		ug/m3	1	4/19/2018 12:06:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/19/2018 12:06:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/19/2018 12:06:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/19/2018 12:06:00 AM

Qualifiers:

**	Quantitation Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Estimated Value above quantitation range
J	Analyte detected below quantitation limit
ND	Not Detected at the Limit of Detection

Centek Laboratories, LLC

Date: *24-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-6
Lab Order:	C1804042	**Tag Number:**	561,298
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/19/2018 12:47:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/19/2018 12:47:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/19/2018 12:47:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/19/2018 12:47:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	4/19/2018 12:47:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/19/2018 12:47:00 AM
1,2,4-Trimethylbenzene	0.59	0.74	J	ug/m3	1	4/19/2018 12:47:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/19/2018 12:47:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 12:47:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/19/2018 12:47:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/19/2018 12:47:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/19/2018 12:47:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/19/2018 12:47:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 12:47:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 12:47:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	4/19/2018 12:47:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/19/2018 12:47:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/19/2018 12:47:00 AM
Acetone	35	7.1		ug/m3	10	4/21/2018 4:45:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/19/2018 12:47:00 AM
Benzene	0.67	0.48		ug/m3	1	4/19/2018 12:47:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/19/2018 12:47:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/19/2018 12:47:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	4/19/2018 12:47:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	4/19/2018 12:47:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/19/2018 12:47:00 AM
Carbon tetrachloride	0.50	0.19		ug/m3	1	4/19/2018 12:47:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/19/2018 12:47:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	4/19/2018 12:47:00 AM
Chloroform	0.68	0.73	J	ug/m3	1	4/19/2018 12:47:00 AM
Chloromethane	0.95	0.31		ug/m3	1	4/19/2018 12:47:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	4/19/2018 12:47:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/19/2018 12:47:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/19/2018 12:47:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/19/2018 12:47:00 AM
Ethyl acetate	9.7	5.4		ug/m3	10	4/21/2018 4:45:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/19/2018 12:47:00 AM
Freon 11	1.3	0.84		ug/m3	1	4/19/2018 12:47:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	4/19/2018 12:47:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	4/19/2018 12:47:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-6
Lab Order:	C1804042	**Tag Number:**	561,298
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Freon 12	2.6	0.74		ug/m3	1	4/19/2018 12:47:00 AM
Heptane	8.6	6.1		ug/m3	10	4/21/2018 4:45:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/19/2018 12:47:00 AM
Hexane	0.60	0.53		ug/m3	1	4/19/2018 12:47:00 AM
Isopropyl alcohol	7.9	3.7		ug/m3	10	4/21/2018 4:45:00 AM
m&p-Xylene	0.91	1.3	J	ug/m3	1	4/19/2018 12:47:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	4/19/2018 12:47:00 AM
Methyl Ethyl Ketone	1.3	0.88		ug/m3	1	4/19/2018 12:47:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	4/19/2018 12:47:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/19/2018 12:47:00 AM
Methylene chloride	1.3	0.52		ug/m3	1	4/19/2018 12:47:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	4/19/2018 12:47:00 AM
Propylene	< 0.26	0.26		ug/m3	1	4/19/2018 12:47:00 AM
Styrene	< 0.64	0.64		ug/m3	1	4/19/2018 12:47:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/19/2018 12:47:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/19/2018 12:47:00 AM
Toluene	9.8	5.7		ug/m3	10	4/21/2018 4:45:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/19/2018 12:47:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/19/2018 12:47:00 AM
Trichloroethene	1.2	0.16		ug/m3	1	4/19/2018 12:47:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/19/2018 12:47:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/19/2018 12:47:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/19/2018 12:47:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-8
Lab Order:	C1804042	**Tag Number:**	163,276
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/19/2018 1:27:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/19/2018 1:27:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/19/2018 1:27:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/19/2018 1:27:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	4/19/2018 1:27:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/19/2018 1:27:00 AM
1,2,4-Trimethylbenzene	0.49	0.74	J	ug/m3	1	4/19/2018 1:27:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/19/2018 1:27:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 1:27:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/19/2018 1:27:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/19/2018 1:27:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/19/2018 1:27:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/19/2018 1:27:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 1:27:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 1:27:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	4/19/2018 1:27:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/19/2018 1:27:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/19/2018 1:27:00 AM
Acetone	18	3.6		ug/m3	5	4/21/2018 5:22:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/19/2018 1:27:00 AM
Benzene	0.70	0.48		ug/m3	1	4/19/2018 1:27:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/19/2018 1:27:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/19/2018 1:27:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	4/19/2018 1:27:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	4/19/2018 1:27:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/19/2018 1:27:00 AM
Carbon tetrachloride	0.50	0.19		ug/m3	1	4/19/2018 1:27:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/19/2018 1:27:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	4/19/2018 1:27:00 AM
Chloroform	0.73	0.73		ug/m3	1	4/19/2018 1:27:00 AM
Chloromethane	0.85	0.31		ug/m3	1	4/19/2018 1:27:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	4/19/2018 1:27:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/19/2018 1:27:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/19/2018 1:27:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/19/2018 1:27:00 AM
Ethyl acetate	3.4	0.54		ug/m3	1	4/19/2018 1:27:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/19/2018 1:27:00 AM
Freon 11	1.2	0.84		ug/m3	1	4/19/2018 1:27:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	4/19/2018 1:27:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	4/19/2018 1:27:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-8
Lab Order:	C1804042	**Tag Number:**	163,276
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Freon 12	2.6	0.74		ug/m3	1	4/19/2018 1:27:00 AM
Heptane	0.70	0.61		ug/m3	1	4/19/2018 1:27:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/19/2018 1:27:00 AM
Hexane	0.67	0.53		ug/m3	1	4/19/2018 1:27:00 AM
Isopropyl alcohol	3.0	0.37		ug/m3	1	4/19/2018 1:27:00 AM
m&p-Xylene	0.91	1.3	J	ug/m3	1	4/19/2018 1:27:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	4/19/2018 1:27:00 AM
Methyl Ethyl Ketone	1.5	0.88		ug/m3	1	4/19/2018 1:27:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	4/19/2018 1:27:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/19/2018 1:27:00 AM
Methylene chloride	0.83	0.52		ug/m3	1	4/19/2018 1:27:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	4/19/2018 1:27:00 AM
Propylene	< 0.26	0.26		ug/m3	1	4/19/2018 1:27:00 AM
Styrene	< 0.64	0.64		ug/m3	1	4/19/2018 1:27:00 AM
Tetrachloroethylene	1.1	1.0		ug/m3	1	4/19/2018 1:27:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/19/2018 1:27:00 AM
Toluene	1.7	0.57		ug/m3	1	4/19/2018 1:27:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/19/2018 1:27:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/19/2018 1:27:00 AM
Trichloroethene	0.32	0.16		ug/m3	1	4/19/2018 1:27:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/19/2018 1:27:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/19/2018 1:27:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/19/2018 1:27:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-7
Lab Order:	C1804042	**Tag Number:**	479,406
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/19/2018 2:09:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/19/2018 2:09:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/19/2018 2:09:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/19/2018 2:09:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	4/19/2018 2:09:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/19/2018 2:09:00 AM
1,2,4-Trimethylbenzene	0.64	0.74	J	ug/m3	1	4/19/2018 2:09:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/19/2018 2:09:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 2:09:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/19/2018 2:09:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/19/2018 2:09:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/19/2018 2:09:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/19/2018 2:09:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 2:09:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 2:09:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	4/19/2018 2:09:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/19/2018 2:09:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/19/2018 2:09:00 AM
Acetone	31	7.1		ug/m3	10	4/21/2018 5:59:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/19/2018 2:09:00 AM
Benzene	0.67	0.48		ug/m3	1	4/19/2018 2:09:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/19/2018 2:09:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/19/2018 2:09:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	4/19/2018 2:09:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	4/19/2018 2:09:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/19/2018 2:09:00 AM
Carbon tetrachloride	0.57	0.19		ug/m3	1	4/19/2018 2:09:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/19/2018 2:09:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	4/19/2018 2:09:00 AM
Chloroform	0.49	0.73	J	ug/m3	1	4/19/2018 2:09:00 AM
Chloromethane	0.99	0.31		ug/m3	1	4/19/2018 2:09:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	4/19/2018 2:09:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/19/2018 2:09:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/19/2018 2:09:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/19/2018 2:09:00 AM
Ethyl acetate	5.8	5.4		ug/m3	10	4/21/2018 5:59:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/19/2018 2:09:00 AM
Freon 11	1.3	0.84		ug/m3	1	4/19/2018 2:09:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	4/19/2018 2:09:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	4/19/2018 2:09:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-7
Lab Order:	C1804042	**Tag Number:**	479,406
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Freon 12	3.5	0.74		ug/m3	1	4/19/2018 2:09:00 AM
Heptane	9.4	6.1		ug/m3	10	4/21/2018 5:59:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/19/2018 2:09:00 AM
Hexane	0.81	0.53		ug/m3	1	4/19/2018 2:09:00 AM
Isopropyl alcohol	6.9	3.7		ug/m3	10	4/21/2018 5:59:00 AM
m&p-Xylene	0.87	1.3	J	ug/m3	1	4/19/2018 2:09:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	4/19/2018 2:09:00 AM
Methyl Ethyl Ketone	1.3	0.88		ug/m3	1	4/19/2018 2:09:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	4/19/2018 2:09:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/19/2018 2:09:00 AM
Methylene chloride	1.3	0.52		ug/m3	1	4/19/2018 2:09:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	4/19/2018 2:09:00 AM
Propylene	< 0.26	0.26		ug/m3	1	4/19/2018 2:09:00 AM
Styrene	< 0.64	0.64		ug/m3	1	4/19/2018 2:09:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/19/2018 2:09:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/19/2018 2:09:00 AM
Toluene	10	5.7		ug/m3	10	4/21/2018 5:59:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/19/2018 2:09:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/19/2018 2:09:00 AM
Trichloroethene	1.8	0.16		ug/m3	1	4/19/2018 2:09:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/19/2018 2:09:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/19/2018 2:09:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/19/2018 2:09:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	OA-1
Lab Order:	C1804042	**Tag Number:**	157,337
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/19/2018 2:49:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/19/2018 2:49:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/19/2018 2:49:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/19/2018 2:49:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	4/19/2018 2:49:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/19/2018 2:49:00 AM
1,2,4-Trimethylbenzene	0.84	0.74		ug/m3	1	4/19/2018 2:49:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/19/2018 2:49:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 2:49:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/19/2018 2:49:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/19/2018 2:49:00 AM
1,3,5-Trimethylbenzene	0.59	0.74	J	ug/m3	1	4/19/2018 2:49:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/19/2018 2:49:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 2:49:00 AM
1,4-Dichlorobenzene	0.84	0.90	J	ug/m3	1	4/19/2018 2:49:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	4/19/2018 2:49:00 AM
2,2,4-trimethylpentane	0.61	0.70	J	ug/m3	1	4/19/2018 2:49:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/19/2018 2:49:00 AM
Acetone	21	3.6		ug/m3	5	4/21/2018 6:36:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/19/2018 2:49:00 AM
Benzene	1.2	0.48		ug/m3	1	4/19/2018 2:49:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/19/2018 2:49:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/19/2018 2:49:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	4/19/2018 2:49:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	4/19/2018 2:49:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/19/2018 2:49:00 AM
Carbon tetrachloride	0.57	0.19		ug/m3	1	4/19/2018 2:49:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/19/2018 2:49:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	4/19/2018 2:49:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	4/19/2018 2:49:00 AM
Chloromethane	1.2	0.31		ug/m3	1	4/19/2018 2:49:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	4/19/2018 2:49:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/19/2018 2:49:00 AM
Cyclohexane	1.3	0.52		ug/m3	1	4/19/2018 2:49:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/19/2018 2:49:00 AM
Ethyl acetate	9.9	2.7		ug/m3	5	4/21/2018 6:36:00 AM
Ethylbenzene	1.8	0.65		ug/m3	1	4/19/2018 2:49:00 AM
Freon 11	1.4	0.84		ug/m3	1	4/19/2018 2:49:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	4/19/2018 2:49:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	4/19/2018 2:49:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	OA-1
Lab Order:	C1804042	**Tag Number:**	157,337
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Freon 12	8.4	0.74		ug/m3	1	4/19/2018 2:49:00 AM
Heptane	1.5	0.61		ug/m3	1	4/19/2018 2:49:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/19/2018 2:49:00 AM
Hexane	5.6	0.53		ug/m3	1	4/19/2018 2:49:00 AM
Isopropyl alcohol	5.7	1.8		ug/m3	5	4/21/2018 6:36:00 AM
m&p-Xylene	5.7	1.3		ug/m3	1	4/19/2018 2:49:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	4/19/2018 2:49:00 AM
Methyl Ethyl Ketone	1.7	0.88		ug/m3	1	4/19/2018 2:49:00 AM
Methyl Isobutyl Ketone	0.90	1.2	J	ug/m3	1	4/19/2018 2:49:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/19/2018 2:49:00 AM
Methylene chloride	6.7	0.52		ug/m3	1	4/19/2018 2:49:00 AM
o-Xylene	1.5	0.65		ug/m3	1	4/19/2018 2:49:00 AM
Propylene	< 0.26	0.26		ug/m3	1	4/19/2018 2:49:00 AM
Styrene	0.60	0.64	J	ug/m3	1	4/19/2018 2:49:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/19/2018 2:49:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/19/2018 2:49:00 AM
Toluene	17	2.8		ug/m3	5	4/21/2018 6:36:00 AM
trans-1,2-Dichloroethene	0.59	0.59		ug/m3	1	4/19/2018 2:49:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/19/2018 2:49:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	4/19/2018 2:49:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/19/2018 2:49:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/19/2018 2:49:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/19/2018 2:49:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Labs - Chain of Custody

Centek Laboratories

143 Midler Park Drive
Syracuse, NY 13206
315-431-9730
www.CentekLabs.com

Vapor Intrusion & IAQ

Site Name: 46 Mount Hope Avenue
Project: Interior Air Sampling
PO#: 2160225
Quote #: Q-SP
Canister Order #: 7157

Detection Limit	Report Level
☐ 5ppbv	☐ Level I
☑ 1ug/M3	☐ Level II
☑ 1ug/M3 + 0.2 NYS	☑ Cat "B" Like
☐	☐

TAT Turnaround Time:	Check One	Rush TAT Surcharge %	Due Date:
5 Business Days	☑	0%	
4 Business Days	☐	25%	
3 Business Days	☐	50%	
2 Business Days	☐	75%	
*Next Day by 5pm	☐	100%	
*Next Day by Noon	☐	150%	
*Same Day	☐	200%	

*For Same and Next Day TAT Please Notify Lab

Company: LABELLA ASSOCIATES

Report to: ALEX BRETT and DAVE ENGERT
Address: 300 STATE STREET
City, State, Zip ROCHESTER, NY 14614
Email: ABrett@LaBellaPC.com
DEngert@LaBellaPC.com
Phone: 585-454-6110

Company:
Check Here If Same: ☑

Invoice to: ACCOUNTS PAYABLE
Address:
City, State, Zip SAME
Email: AP@LABELLAPC.COM
Phone: 585-454-6110

Sample ID	Date Sampled	Canister Number	Regulator Number	Analysis Request	Field Vacuum Start / Stop	Labs Vacuum** Rec'd/Analysis	Comments TIME START	Comments TIME STOP
IA-1	4/10/18	1191	342	TO-15	-30 / -5	-3 /	0858	1545
IA-2		546	250		-29 / -4	-7 /	0901	1620
IA-3		328	1156		-30+ / -5	-4 /	0911	1554
IA-4		544	256		-29.5 / -4	-3 /	0926	1622
IA-5		136	281		-30+ / -8	-7 /	0937	1800
IA-6		561	298		-30+ / -4	-2 /	0916	1643
IA-8		163	276		-30+ / -4	-2 /	0942	1645
IA-7		479	406		-29 / -5	-4 /	0932	1532
OA-1		157	337		-30 / -4	-2 /	0950	1330
					/	/		
					/	/		
					/	/		
					/	/		
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Temp outside 32-37°

Chain of Custody	Print Name	Signature	Date/Time
Sampled by:	Alex Brett		4-13-18
Relinquished by:	Alex Brett		4-13-18
Received at Lab by:	Jan Scala		4-18-18

Courier: CIRCLE ONE
FedEx UPS Pickup/Dropoff

**For LAB USE ONLY
Work Order # C1804042

*** By signing Centek Labs Chain of Custody, you are accepting Centek Labs Terms and Conditions listed on the reverse side.

APPENDIX C

DUSR

DATA USABILITY SUMMARY REPORT

for

LaBella Associates, P.C.

300 State Street

Rochester, NY 14614

46 Mt. Hope Drive
Project 2160225
SDG: C1804042
Sampled 4/10/2018

TO-15 AIR SAMPLES

IA-1	(C1804042-01)
IA-2	(C1804042-02)
IA-3	(C1804042-03)
IA-4	(C1804042-04)
IA-5	(C1804042-05)
IA-6	(C1804042-06)
IA-8	(C1804042-07)
IA-7	(C1804042-08)
OA-1	(C1804042-09)

DATA ASSESSMENT

A TO-15 data package containing analytical results for nine air samples was received from LaBella Associates, P.C. on 21May18. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from the 46 Mt. Hope Avenue site, were identified by Chain of Custody documents and traceable through the work of Centek Laboratories, LLC, the laboratory contracted for analysis. The analyses were performed using US EPA Method TO-15 and addressed measurements of sixty-two volatile organic compounds. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol (ASP), September 1989, Rev. 07/2005. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-31, Rev. #4, October 2006, Volatile Organic Analysis of Ambient Air in Canisters by Method TO-15) was used as a technical reference.

The results reported from IA-5 and OA-1 have been qualified as estimations because the sampling equipment did not function properly.

The acetone, ethyl acetate, isopropyl alcohol, toluene and heptane results reported from the dilutions of each sample have been qualified as estimations due to a low internal standard response.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J" or "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly. DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature: James B Baldwin Date: 23 May 18

James B. Baldwin
DATAVAL, Inc.

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved or are not analyzed within established holding times may no longer be considered representative. Holding times are calculated from the date of sampling. TO-15 samples must be analyzed within 14 days of collection.

This group of nine air samples was collected from the 46 Mt. Hope Ave. site on 10Apr18. Each sample was collected in a 1-liter SUMMA canister that was set in the laboratory to collect an eight-hour sample. After sampling, the canisters were shipped back to the laboratory, via FedEx-Ground, on 13Apr18 and were received on 18Apr18. Although the sample canisters were received intact, custody seals were not present on the packaging.

Although each SUMMA canister was set in the laboratory to collect an 8-hour sample, sampling was terminated after 3.75-8.5 hours based on each canister's vacuum gauge reading. The post sampling vacuum reading from IA-5 did not satisfy the ASP requirement of -5±1"Hg. The results reported from this sample have been qualified as estimations. The results from OA-1 have been similarly qualified because the sample was only collected for 3.6 hours.

The agreement between the post sampling vacuum readings and the readings at the time of analysis indicates that the integrity of the canisters was maintained throughout this period.

SAMPLE	PRIOR TO SHIPMENT ("Hg)	PRIOR TO SAMPLING ("Hg)	POST SAMPLING ("Hg)	LAB RECEIPT ("Hg)	LAB ANALYSIS ("Hg)
IA-1	-30	-30	-5	-3	-3
IA-2	-30	-29	-4	-4	-4
IA-3	-30	-30	-5	-4	-4
IA-4	-30	-29.5	-4	-3	-3
IA-5	-30	-30	-8	-7	-7
IA-6	-30	-30	-4	-2	-2
IA-8	-30	-30	-4	-2	-1
IA-7	-30	-29	-5	-4	-4
IO-1	-30	-30	-4	-2	-1

The analysis of this group of samples was completed on 21Apr18, satisfying the ASP holding time limitation.

CANISTER CERTIFICATION

The canisters used for this project were pressure tested at 30 psig for 24 hours. Each canister demonstrated a change ≤0.5 psig over this period.

The canisters for this project were cleaned in three batches. A blank analysis of a clean canister from each batch was free of

targeted analyte contamination exceeding the laboratory's reporting limit.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Trip Blanks monitor sampling activities, sample transport and storage. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

Two method blanks were analyzed with this group of samples. Both of these blanks demonstrated acceptable chromatography and were free of targeted analyte contamination.

MS TUNING

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

BFB ion abundance criteria was reported from standards that were processed before the initial instrument calibration and prior to the analysis of program samples on 18Apr18 and 20Apr18. Each of these checks satisfied the ASP acceptance criteria.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibration was performed on 12Apr18. Standards of 0.03, 0.04, 0.10, 0.15, 0.30, 0.50, 0.75, 1.0, 1.25, 1.50 and 2.0 ppbV were included. Each targeted analyte produced the required levels of instrument response and demonstrated an acceptable degree of linearity during this calibration.

Continuing calibration checks were performed on 18Apr18 and 20Apr18, prior to the 24-hour periods of instrument operation that included samples from this program. When compared to the initial calibration, each targeted analyte demonstrated and acceptable level of instrument stability during both calibration checks.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Although surrogate summary sheets were properly prepared, an incorrect acceptance criteria was applied. When compared to the

ASP requirement, however, an acceptable recovery was reported for each surrogate addition to this group of samples.

INTERNAL STANDARDS

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than 40%. When compared to the preceding calibration check, retention times may not vary by more than ±10 seconds.

The laboratory recorded the response of each internal standard addition to this group of samples and the response obtained from the preceding CCV standard. Although the control limits based on the response of the CCV were not reported, they were calculated by this reviewer. When compared to these limits, acceptable performance was reported for the internal standard additions to each initial, undiluted program sample. A low response was reported for the bromochloromethane additions to dilutions of IA-5, IA-6 and IA-8; and the 1,4-difluorobenzene and chlorobenzene-d5 additions to each diluted sample. Based on this performance, the results reported from each diluted sample have been qualified as estimations.

ATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

Although a sample from this program was not selected for matrix spiking, two pairs of spiked blanks (LCS/LCSD) were prepared and analyzed with this group of samples. The recoveries reported from these LCS samples included high recoveries of 1,2,4-trichlorobenzene (139%) and hexachloro-1,3-butadiene (141%). These indications of positive bias, however, warrant no concern because these analytes were not detected in this group of smaples.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. The results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects or poor laboratory technique.

A field split duplicate sample was not included in this delivery group.

REPORTED ANALYTES

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print

outs. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of samples.

SUMMARY OF QUALIFIED DATA

46 MT. HOPE AVE. SITE

SAMPLED APRIL 2018

		SAMPLING	INT STD ACETONE	INT STD ETHYL ACETATE	INT STD ISOPROPANOL	INT STD TOLUENE	INT STD HEPTANE
IA-1	(C1804042-01)		24J	7.6J	13J		
IA-2	(C1804042-02)		24J	7.9J	12J		
IA-3	(C1804042-03)		43J	4.7J	5.7J	6.4J	
IA-4	(C1804042-04)		30J	8.3J	7.4J	7.5J	
IA-5	(C1804042-05)	ALL J/UJ	26J	8.3J	5.9J		
IA-6	(C1804042-06)		35J	9.7J	7.9J	9.8J	8.6J
IA-8	(C1804042-07)		18J				
IA-7	(C1804042-08)		31J	5.8J	6.9J	10J	9.4J
OA-1	(C1804042-09)	ALL J/UJ	21J	9.9J	5.7J	17J	

Centek Laboratories, LLC

Date: *16-May-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-1
Lab Order:	C1804042	**Tag Number:**	1191,342
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/18/2018 9:19:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/18/2018 9:19:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/18/2018 9:19:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/18/2018 9:19:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	4/18/2018 9:19:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/18/2018 9:19:00 PM
1,2,4-Trimethylbenzene	0.79	0.74		ug/m3	1	4/18/2018 9:19:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/18/2018 9:19:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 9:19:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/18/2018 9:19:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/18/2018 9:19:00 PM
1,3,5-Trimethylbenzene	0.59	0.74	J	ug/m3	1	4/18/2018 9:19:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/18/2018 9:19:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 9:19:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 9:19:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	4/18/2018 9:19:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/18/2018 9:19:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/18/2018 9:19:00 PM
Acetone	24 J	3.6		ug/m3	5	4/21/2018 1:41:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/18/2018 9:19:00 PM
Benzene	0.70	0.48		ug/m3	1	4/18/2018 9:19:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/18/2018 9:19:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/18/2018 9:19:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	4/18/2018 9:19:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	4/18/2018 9:19:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/18/2018 9:19:00 PM
Carbon tetrachloride	0.50	0.19		ug/m3	1	4/18/2018 9:19:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/18/2018 9:19:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	4/18/2018 9:19:00 PM
Chloroform	0.59	0.73	J	ug/m3	1	4/18/2018 9:19:00 PM
Chloromethane	0.83	0.31		ug/m3	1	4/18/2018 9:19:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	4/18/2018 9:19:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/18/2018 9:19:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/18/2018 9:19:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/18/2018 9:19:00 PM
Ethyl acetate	7.6 J	2.7		ug/m3	5	4/21/2018 1:41:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/18/2018 9:19:00 PM
Freon 11	1.2	0.84		ug/m3	1	4/18/2018 9:19:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	4/18/2018 9:19:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	4/18/2018 9:19:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *16-May-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	1A-1
Lab Order:	C1804042	**Tag Number:**	1191,342
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Freon 12 –	2.4	0.74		ug/m3	1	4/18/2018 9:19:00 PM
Heptane–	4.7	0.61		ug/m3	1	4/18/2018 9:19:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/18/2018 9:19:00 PM
Hexane –	0.78	0.53		ug/m3	1	4/18/2018 9:19:00 PM
Isopropyl alcohol –	13 J	1.8		ug/m3	5	4/21/2018 1:41:00 AM
m&p-Xylene –	1.3	1.3	J	ug/m3	1	4/18/2018 9:19:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	4/18/2018 9:19:00 PM
Methyl Ethyl Ketone –	2.0	0.88		ug/m3	1	4/18/2018 9:19:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	4/18/2018 9:19:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/18/2018 9:19:00 PM
Methylene chloride –	1.0	0.52		ug/m3	1	4/18/2018 9:19:00 PM
o-Xylene –	0.52	0.65	J	ug/m3	1	4/18/2018 9:19:00 PM
Propylene	< 0.26	0.26		ug/m3	1	4/18/2018 9:19:00 PM
Styrene	< 0.64	0.64		ug/m3	1	4/18/2018 9:19:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/18/2018 9:19:00 PM
Tetrahydrofuran –	0.71	0.44		ug/m3	1	4/18/2018 9:19:00 PM
Toluene –	5.6	0.57		ug/m3	1	4/18/2018 9:19:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/18/2018 9:19:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/18/2018 9:19:00 PM
Trichloroethene–	0.64	0.16		ug/m3	1	4/18/2018 9:19:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/18/2018 9:19:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/18/2018 9:19:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/18/2018 9:19:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *16-May-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-2
Lab Order:	C1804042	**Tag Number:**	546,250
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/18/2018 10:00:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/18/2018 10:00:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/18/2018 10:00:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/18/2018 10:00:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	4/18/2018 10:00:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/18/2018 10:00:00 PM
1,2,4-Trimethylbenzene –	0.69	0.74	J	ug/m3	1	4/18/2018 10:00:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/18/2018 10:00:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 10:00:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/18/2018 10:00:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/18/2018 10:00:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/18/2018 10:00:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/18/2018 10:00:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 10:00:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 10:00:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	4/18/2018 10:00:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/18/2018 10:00:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/18/2018 10:00:00 PM
Acetone –	24 J	7.1		ug/m3	10	4/21/2018 2:17:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/18/2018 10:00:00 PM
Benzene –	0.70	0.48		ug/m3	1	4/18/2018 10:00:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/18/2018 10:00:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/18/2018 10:00:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	4/18/2018 10:00:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	4/18/2018 10:00:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/18/2018 10:00:00 PM
Carbon tetrachloride –	0.50	0.19		ug/m3	1	4/18/2018 10:00:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/18/2018 10:00:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	4/18/2018 10:00:00 PM
Chloroform–	0.54	0.73	J	ug/m3	1	4/18/2018 10:00:00 PM
Chloromethane –	0.89	0.31		ug/m3	1	4/18/2018 10:00:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	4/18/2018 10:00:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/18/2018 10:00:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/18/2018 10:00:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/18/2018 10:00:00 PM
Ethyl acetate –	7.9 J	5.4		ug/m3	10	4/21/2018 2:17:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/18/2018 10:00:00 PM
Freon 11 –	1.2	0.84		ug/m3	1	4/18/2018 10:00:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	4/18/2018 10:00:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	4/18/2018 10:00:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *16-May-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-2
Lab Order:	C1804042	**Tag Number:**	546,250
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
Freon 12 –	2.5	0.74		ug/m3	1	4/18/2018 10:00:00 PM
Heptane –	5.3	0.61		ug/m3	1	4/18/2018 10:00:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/18/2018 10:00:00 PM
Hexane –	0.74	0.53		ug/m3	1	4/18/2018 10:00:00 PM
Isopropyl alcohol –	12 J	3.7		ug/m3	10	4/21/2018 2:17:00 AM
m&p-Xylene –	1.1	1.3	J	ug/m3	1	4/18/2018 10:00:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	4/18/2018 10:00:00 PM
Methyl Ethyl Ketone –	2.2	0.88		ug/m3	1	4/18/2018 10:00:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	4/18/2018 10:00:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/18/2018 10:00:00 PM
Methylene chloride –	1.6	0.52		ug/m3	1	4/18/2018 10:00:00 PM
o-Xylene –	0.48	0.65	J	ug/m3	1	4/18/2018 10:00:00 PM
Propylene	< 0.26	0.26		ug/m3	1	4/18/2018 10:00:00 PM
Styrene	< 0.64	0.64		ug/m3	1	4/18/2018 10:00:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/18/2018 10:00:00 PM
Tetrahydrofuran –	0.88	0.44		ug/m3	1	4/18/2018 10:00:00 PM
Toluene –	6.0	0.57		ug/m3	1	4/18/2018 10:00:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/18/2018 10:00:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/18/2018 10:00:00 PM
Trichloroethene –	0.70	0.16		ug/m3	1	4/18/2018 10:00:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/18/2018 10:00:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/18/2018 10:00:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/18/2018 10:00:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *16-May-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-3
Lab Order:	C1804042	**Tag Number:**	328,1156
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/18/2018 10:42:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/18/2018 10:42:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/18/2018 10:42:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/18/2018 10:42:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	4/18/2018 10:42:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/18/2018 10:42:00 PM
1,2,4-Trimethylbenzene –	0.59	0.74	J	ug/m3	1	4/18/2018 10:42:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/18/2018 10:42:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 10:42:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/18/2018 10:42:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/18/2018 10:42:00 PM
1,3,5-Trimethylbenzene –	0.69	0.74	J	ug/m3	1	4/18/2018 10:42:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/18/2018 10:42:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 10:42:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 10:42:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	4/18/2018 10:42:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/18/2018 10:42:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/18/2018 10:42:00 PM
Acetone –	43 J	7.1		ug/m3	10	4/21/2018 2:54:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/18/2018 10:42:00 PM
Benzene –	0.67	0.48		ug/m3	1	4/18/2018 10:42:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/18/2018 10:42:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/18/2018 10:42:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	4/18/2018 10:42:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	4/18/2018 10:42:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/18/2018 10:42:00 PM
Carbon tetrachloride –	0.50	0.19		ug/m3	1	4/18/2018 10:42:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/18/2018 10:42:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	4/18/2018 10:42:00 PM
Chloroform–	0.63	0.73	J	ug/m3	1	4/18/2018 10:42:00 PM
Chloromethane –	0.89	0.31		ug/m3	1	4/18/2018 10:42:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	4/18/2018 10:42:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/18/2018 10:42:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/18/2018 10:42:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/18/2018 10:42:00 PM
Ethyl acetate–	4.7 J	5.4	J	ug/m3	10	4/21/2018 2:54:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/18/2018 10:42:00 PM
Freon 11 –	1.2	0.84		ug/m3	1	4/18/2018 10:42:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	4/18/2018 10:42:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	4/18/2018 10:42:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *16-May-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-3
Lab Order:	C1804042	**Tag Number:**	328,1156
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
Freon 12 –	2.5	0.74		ug/m3	1	4/18/2018 10:42:00 PM
Heptane –	7.5	0.61		ug/m3	1	4/18/2018 10:42:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/18/2018 10:42:00 PM
Hexane –	0.67	0.53		ug/m3	1	4/18/2018 10:42:00 PM
Isopropyl alcohol –	5.7 J	3.7		ug/m3	10	4/21/2018 2:54:00 AM
m&p-Xylene –	0.91	1.3	J	ug/m3	1	4/18/2018 10:42:00 PM
Methyl Butyl Ketone –	0.66	1.2	J	ug/m3	1	4/18/2018 10:42:00 PM
Methyl Ethyl Ketone –	1.8	0.88		ug/m3	1	4/18/2018 10:42:00 PM
Methyl Isobutyl Ketone –	0.74	1.2	J	ug/m3	1	4/18/2018 10:42:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/18/2018 10:42:00 PM
Methylene chloride –	1.0	0.52		ug/m3	1	4/18/2018 10:42:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	4/18/2018 10:42:00 PM
Propylene	< 0.26	0.26		ug/m3	1	4/18/2018 10:42:00 PM
Styrene	< 0.64	0.64		ug/m3	1	4/18/2018 10:42:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/18/2018 10:42:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/18/2018 10:42:00 PM
Toluene –	6.4 J	5.7		ug/m3	10	4/21/2018 2:54:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/18/2018 10:42:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/18/2018 10:42:00 PM
Trichloroethene –	0.91	0.16		ug/m3	1	4/18/2018 10:42:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/18/2018 10:42:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/18/2018 10:42:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/18/2018 10:42:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *16-May-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-4
Lab Order:	C1804042	**Tag Number:**	544,256
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				**Analyst: RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/18/2018 11:23:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/18/2018 11:23:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/18/2018 11:23:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/18/2018 11:23:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	4/18/2018 11:23:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/18/2018 11:23:00 PM
1,2,4-Trimethylbenzene	1.4	0.74		ug/m3	1	4/18/2018 11:23:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/18/2018 11:23:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 11:23:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/18/2018 11:23:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/18/2018 11:23:00 PM
1,3,5-Trimethylbenzene	0.79	0.74		ug/m3	1	4/18/2018 11:23:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/18/2018 11:23:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 11:23:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/18/2018 11:23:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	4/18/2018 11:23:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/18/2018 11:23:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/18/2018 11:23:00 PM
Acetone	30	7.1	J	ug/m3	10	4/21/2018 3:31:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/18/2018 11:23:00 PM
Benzene	0.73	0.48		ug/m3	1	4/18/2018 11:23:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/18/2018 11:23:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/18/2018 11:23:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	4/18/2018 11:23:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	4/18/2018 11:23:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/18/2018 11:23:00 PM
Carbon tetrachloride	0.57	0.19		ug/m3	1	4/18/2018 11:23:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/18/2018 11:23:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	4/18/2018 11:23:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	4/18/2018 11:23:00 PM
Chloromethane	0.93	0.31		ug/m3	1	4/18/2018 11:23:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	4/18/2018 11:23:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/18/2018 11:23:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/18/2018 11:23:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/18/2018 11:23:00 PM
Ethyl acetate	8.3	5.4	J	ug/m3	10	4/21/2018 3:31:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/18/2018 11:23:00 PM
Freon 11	1.3	0.84		ug/m3	1	4/18/2018 11:23:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	4/18/2018 11:23:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	4/18/2018 11:23:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *16-May-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-4
Lab Order:	C1804042	**Tag Number:**	544,256
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Freon 12	2.6	0.74		ug/m3	1	4/18/2018 11:23:00 PM
Heptane	7.6	0.61		ug/m3	1	4/18/2018 11:23:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/18/2018 11:23:00 PM
Hexane	0.63	0.53		ug/m3	1	4/18/2018 11:23:00 PM
Isopropyl alcohol	7.4 J	3.7		ug/m3	10	4/21/2018 3:31:00 AM
m&p-Xylene	1.3	1.3		ug/m3	1	4/18/2018 11:23:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	4/18/2018 11:23:00 PM
Methyl Ethyl Ketone	1.6	0.88		ug/m3	1	4/18/2018 11:23:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	4/18/2018 11:23:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/18/2018 11:23:00 PM
Methylene chloride	1.7	0.52		ug/m3	1	4/18/2018 11:23:00 PM
o-Xylene	0.61	0.65	J	ug/m3	1	4/18/2018 11:23:00 PM
Propylene	< 0.26	0.26		ug/m3	1	4/18/2018 11:23:00 PM
Styrene	< 0.64	0.64		ug/m3	1	4/18/2018 11:23:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/18/2018 11:23:00 PM
Tetrahydrofuran	0.74	0.44		ug/m3	1	4/18/2018 11:23:00 PM
Toluene	7.5 J	5.7		ug/m3	10	4/21/2018 3:31:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/18/2018 11:23:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/18/2018 11:23:00 PM
Trichloroethene	0.97	0.16		ug/m3	1	4/18/2018 11:23:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/18/2018 11:23:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/18/2018 11:23:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/18/2018 11:23:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *16-May-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-5
Lab Order:	C1804042	**Tag Number:**	136,281
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/19/2018 12:06:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/19/2018 12:06:00 AM
1,1,2-Trichloroethane	< 0.82 UJ	0.82		ug/m3	1	4/19/2018 12:06:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/19/2018 12:06:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	4/19/2018 12:06:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/19/2018 12:06:00 AM
1,2,4-Trimethylbenzene	0.98 J	0.74		ug/m3	1	4/19/2018 12:06:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/19/2018 12:06:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 12:06:00 AM
1,2-Dichloroethane	< 0.61 UJ	0.61		ug/m3	1	4/19/2018 12:06:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/19/2018 12:06:00 AM
1,3,5-Trimethylbenzene	0.54 J	0.74	J	ug/m3	1	4/19/2018 12:06:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/19/2018 12:06:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 12:06:00 AM
1,4-Dichlorobenzene	< 0.90 UJ	0.90		ug/m3	1	4/19/2018 12:06:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	4/19/2018 12:06:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/19/2018 12:06:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/19/2018 12:06:00 AM
Acetone	26 J	7.1		ug/m3	10	4/21/2018 4:08:00 AM
Allyl chloride	< 0.47 UJ	0.47		ug/m3	1	4/19/2018 12:06:00 AM
Benzene	0.73 J	0.48		ug/m3	1	4/19/2018 12:06:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/19/2018 12:06:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/19/2018 12:06:00 AM
Bromoform	< 1.6 UJ	1.6		ug/m3	1	4/19/2018 12:06:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	4/19/2018 12:06:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/19/2018 12:06:00 AM
Carbon tetrachloride	0.50 J	0.19		ug/m3	1	4/19/2018 12:06:00 AM
Chlorobenzene	< 0.69 UJ	0.69		ug/m3	1	4/19/2018 12:06:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	4/19/2018 12:06:00 AM
Chloroform	0.49 J	0.73	J	ug/m3	1	4/19/2018 12:06:00 AM
Chloromethane	0.91 J	0.31		ug/m3	1	4/19/2018 12:06:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	4/19/2018 12:06:00 AM
cis-1,3-Dichloropropene	< 0.68 UJ	0.68		ug/m3	1	4/19/2018 12:06:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/19/2018 12:06:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/19/2018 12:06:00 AM
Ethyl acetate	8.3 J	5.4		ug/m3	10	4/21/2018 4:08:00 AM
Ethylbenzene	< 0.65 UJ	0.65		ug/m3	1	4/19/2018 12:06:00 AM
Freon 11	1.2 J	0.84		ug/m3	1	4/19/2018 12:06:00 AM
Freon 113	< 1.1 UJ	1.1		ug/m3	1	4/19/2018 12:06:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	4/19/2018 12:06:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *16-May-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-5
Lab Order:	C1804042	**Tag Number:**	136,281
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
Freon 12 X	2.4 J	0.74		ug/m3	1	4/19/2018 12:06:00 AM
Heptane –	4.8 J	0.61		ug/m3	1	4/19/2018 12:06:00 AM
Hexachloro-1,3-butadiene	< 1.6 UJ	1.6		ug/m3	1	4/19/2018 12:06:00 AM
Hexane X	1.4 J	0.53		ug/m3	1	4/19/2018 12:06:00 AM
Isopropyl alcohol –	5.9 J	3.7		ug/m3	10	4/21/2018 4:08:00 AM
m&p-Xylene –	1.1 J	1.3	J	ug/m3	1	4/19/2018 12:06:00 AM
Methyl Butyl Ketone	< 1.2 UJ	1.2		ug/m3	1	4/19/2018 12:06:00 AM
Methyl Ethyl Ketone –	1.5 J	0.88		ug/m3	1	4/19/2018 12:06:00 AM
Methyl Isobutyl Ketone	< 1.2 UJ	1.2		ug/m3	1	4/19/2018 12:06:00 AM
Methyl tert-butyl ether	< 0.54 UJ	0.54		ug/m3	1	4/19/2018 12:06:00 AM
Methylene chloride –	1.9 J	0.52		ug/m3	1	4/19/2018 12:06:00 AM
o-Xylene –	0.52 J	0.65	J	ug/m3	1	4/19/2018 12:06:00 AM
Propylene	< 0.26 UJ	0.26		ug/m3	1	4/19/2018 12:06:00 AM
Styrene	< 0.64 UJ	0.64		ug/m3	1	4/19/2018 12:06:00 AM
Tetrachloroethylene –	1.3 J	1.0		ug/m3	1	4/19/2018 12:06:00 AM
Tetrahydrofuran	< 0.44 UJ	0.44		ug/m3	1	4/19/2018 12:06:00 AM
Toluene –	5.8 J	0.57		ug/m3	1	4/19/2018 12:06:00 AM
trans-1,2-Dichloroethene	< 0.59 UJ	0.59		ug/m3	1	4/19/2018 12:06:00 AM
trans-1,3-Dichloropropene	< 0.68 UJ	0.68		ug/m3	1	4/19/2018 12:06:00 AM
Trichloroethene –	0.64 J	0.16		ug/m3	1	4/19/2018 12:06:00 AM
Vinyl acetate	< 0.53 UJ	0.53		ug/m3	1	4/19/2018 12:06:00 AM
Vinyl Bromide	< 0.66 UJ	0.66		ug/m3	1	4/19/2018 12:06:00 AM
Vinyl chloride	< 0.10 UJ	0.10		ug/m3	1	4/19/2018 12:06:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *16-May-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-6
Lab Order:	C1804042	**Tag Number:**	561,298
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/19/2018 12:47:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/19/2018 12:47:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/19/2018 12:47:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/19/2018 12:47:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	4/19/2018 12:47:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/19/2018 12:47:00 AM
1,2,4-Trimethylbenzene –	0.69	0.74	J	ug/m3	1	4/19/2018 12:47:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/19/2018 12:47:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 12:47:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/19/2018 12:47:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/19/2018 12:47:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/19/2018 12:47:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/19/2018 12:47:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 12:47:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 12:47:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	4/19/2018 12:47:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/19/2018 12:47:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/19/2018 12:47:00 AM
Acetone –	35 J	7.1		ug/m3	10	4/21/2018 4:45:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/19/2018 12:47:00 AM
Benzene –	0.67	0.48		ug/m3	1	4/19/2018 12:47:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/19/2018 12:47:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/19/2018 12:47:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	4/19/2018 12:47:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	4/19/2018 12:47:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/19/2018 12:47:00 AM
Carbon tetrachloride–	0.60	0.19		ug/m3	1	4/19/2018 12:47:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/19/2018 12:47:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	4/19/2018 12:47:00 AM
Chloroform –	0.68	0.73	J	ug/m3	1	4/19/2018 12:47:00 AM
Chloromethane –	0.95	0.31		ug/m3	1	4/19/2018 12:47:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	4/19/2018 12:47:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/19/2018 12:47:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/19/2018 12:47:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/19/2018 12:47:00 AM
Ethyl acetate –	9.7 J	5.4		ug/m3	10	4/21/2018 4:45:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/19/2018 12:47:00 AM
Freon 11 –	1.3	0.84		ug/m3	1	4/19/2018 12:47:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	4/19/2018 12:47:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	4/19/2018 12:47:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *16-May-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-6
Lab Order:	C1804042	**Tag Number:**	561,298
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
Freon 12 –	2.6	0.74		ug/m3	1	4/19/2018 12:47:00 AM
Heptane –	8.6 J	6.1		ug/m3	10	4/21/2018 4:45:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/19/2018 12:47:00 AM
Hexane –	0.60	0.53		ug/m3	1	4/19/2018 12:47:00 AM
Isopropyl alcohol –	7.9 J	3.7		ug/m3	10	4/21/2018 4:45:00 AM
m&p-Xylene	0.91	1.3	J	ug/m3	1	4/19/2018 12:47:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	4/19/2018 12:47:00 AM
Methyl Ethyl Ketone –	1.3	0.88		ug/m3	1	4/19/2018 12:47:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	4/19/2018 12:47:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/19/2018 12:47:00 AM
Methylene chloride–	1.3	0.52		ug/m3	1	4/19/2018 12:47:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	4/19/2018 12:47:00 AM
Propylene	< 0.26	0.26		ug/m3	1	4/19/2018 12:47:00 AM
Styrene	< 0.64	0.64		ug/m3	1	4/19/2018 12:47:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/19/2018 12:47:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/19/2018 12:47:00 AM
Toluene –	9.8 J	5.7		ug/m3	10	4/21/2018 4:45:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/19/2018 12:47:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/19/2018 12:47:00 AM
Trichloroethene –	1.2	0.16		ug/m3	1	4/19/2018 12:47:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/19/2018 12:47:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/19/2018 12:47:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/19/2018 12:47:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected	
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range	
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit	
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection	
	S	Spike Recovery outside accepted recovery limits			

Centek Laboratories, LLC

Date: *16-May-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-8
Lab Order:	C1804042	**Tag Number:**	163,276
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/19/2018 1:27:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/19/2018 1:27:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/19/2018 1:27:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/19/2018 1:27:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	4/19/2018 1:27:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/19/2018 1:27:00 AM
1,2,4-Trimethylbenzene	0.49	0.74	J	ug/m3	1	4/19/2018 1:27:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/19/2018 1:27:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 1:27:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/19/2018 1:27:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/19/2018 1:27:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/19/2018 1:27:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/19/2018 1:27:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 1:27:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 1:27:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	4/19/2018 1:27:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/19/2018 1:27:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/19/2018 1:27:00 AM
Acetone	18 J	3.6		ug/m3	5	4/21/2018 5:22:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/19/2018 1:27:00 AM
Benzene	0.70	0.48		ug/m3	1	4/19/2018 1:27:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/19/2018 1:27:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/19/2018 1:27:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	4/19/2018 1:27:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	4/19/2018 1:27:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/19/2018 1:27:00 AM
Carbon tetrachloride	0.60	0.19		ug/m3	1	4/19/2018 1:27:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/19/2018 1:27:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	4/19/2018 1:27:00 AM
Chloroform	0.73	0.73		ug/m3	1	4/19/2018 1:27:00 AM
Chloromethane	0.85	0.31		ug/m3	1	4/19/2018 1:27:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	4/19/2018 1:27:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/19/2018 1:27:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/19/2018 1:27:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/19/2018 1:27:00 AM
Ethyl acetate	3.4	0.54		ug/m3	1	4/19/2018 1:27:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/19/2018 1:27:00 AM
Freon 11	1.2	0.84		ug/m3	1	4/19/2018 1:27:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	4/19/2018 1:27:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	4/19/2018 1:27:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *16-May-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-8
Lab Order:	C1804042	**Tag Number:**	163,276
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Freon 12 –	2.6	0.74		ug/m3	1	4/19/2018 1:27:00 AM
Heptane –	0.70	0.61		ug/m3	1	4/19/2018 1:27:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/19/2018 1:27:00 AM
Hexane	0.67	0.53		ug/m3	1	4/19/2018 1:27:00 AM
Isopropyl alcohol –	3.0	0.37		ug/m3	1	4/19/2018 1:27:00 AM
m&p-Xylene –	0.91	1.3	J	ug/m3	1	4/19/2018 1:27:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	4/19/2018 1:27:00 AM
Methyl Ethyl Ketone –	1.5	0.88		ug/m3	1	4/19/2018 1:27:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	4/19/2018 1:27:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/19/2018 1:27:00 AM
Methylene chloride –	0.83	0.52		ug/m3	1	4/19/2018 1:27:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	4/19/2018 1:27:00 AM
Propylene	< 0.26	0.26		ug/m3	1	4/19/2018 1:27:00 AM
Styrene	< 0.64	0.64		ug/m3	1	4/19/2018 1:27:00 AM
Tetrachloroethylene –	1.1	1.0		ug/m3	1	4/19/2018 1:27:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/19/2018 1:27:00 AM
Toluene –	1.7	0.57		ug/m3	1	4/19/2018 1:27:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/19/2018 1:27:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/19/2018 1:27:00 AM
Trichloroethene –	0.32	0.16		ug/m3	1	4/19/2018 1:27:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/19/2018 1:27:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/19/2018 1:27:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/19/2018 1:27:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *16-May-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-7
Lab Order:	C1804042	**Tag Number:**	479,406
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/19/2018 2:09:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/19/2018 2:09:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/19/2018 2:09:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/19/2018 2:09:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	4/19/2018 2:09:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/19/2018 2:09:00 AM
1,2,4-Trimethylbenzene	0.64	0.74	J	ug/m3	1	4/19/2018 2:09:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/19/2018 2:09:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 2:09:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/19/2018 2:09:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/19/2018 2:09:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/19/2018 2:09:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/19/2018 2:09:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 2:09:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/19/2018 2:09:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	4/19/2018 2:09:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/19/2018 2:09:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/19/2018 2:09:00 AM
Acetone	31	7.1	J	ug/m3	10	4/21/2018 5:59:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/19/2018 2:09:00 AM
Benzene	0.67	0.48		ug/m3	1	4/19/2018 2:09:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/19/2018 2:09:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/19/2018 2:09:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	4/19/2018 2:09:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	4/19/2018 2:09:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/19/2018 2:09:00 AM
Carbon tetrachloride	0.57	0.19		ug/m3	1	4/19/2018 2:09:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/19/2018 2:09:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	4/19/2018 2:09:00 AM
Chloroform	0.49	0.73	J	ug/m3	1	4/19/2018 2:09:00 AM
Chloromethane	0.99	0.31		ug/m3	1	4/19/2018 2:09:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	4/19/2018 2:09:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/19/2018 2:09:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/19/2018 2:09:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/19/2018 2:09:00 AM
Ethyl acetate	5.8	5.4	J	ug/m3	10	4/21/2018 5:59:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/19/2018 2:09:00 AM
Freon 11	1.3	0.84		ug/m3	1	4/19/2018 2:09:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	4/19/2018 2:09:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	4/19/2018 2:09:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *16-May-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	IA-7
Lab Order:	C1804042	**Tag Number:**	479,406
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
Freon 12	3.5	0.74		ug/m3	1	4/19/2018 2:09:00 AM
Heptane	9.4 J	6.1		ug/m3	10	4/21/2018 5:59:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/19/2018 2:09:00 AM
Hexane	0.81	0.53		ug/m3	1	4/19/2018 2:09:00 AM
Isopropyl alcohol	6.9 J	3.7		ug/m3	10	4/21/2018 5:59:00 AM
m&p-Xylene	0.87	1.3	J	ug/m3	1	4/19/2018 2:09:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	4/19/2018 2:09:00 AM
Methyl Ethyl Ketone	1.3	0.88		ug/m3	1	4/19/2018 2:09:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	4/19/2018 2:09:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/19/2018 2:09:00 AM
Methylene chloride	1.3	0.52		ug/m3	1	4/19/2018 2:09:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	4/19/2018 2:09:00 AM
Propylene	< 0.26	0.26		ug/m3	1	4/19/2018 2:09:00 AM
Styrene	< 0.64	0.64		ug/m3	1	4/19/2018 2:09:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/19/2018 2:09:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/19/2018 2:09:00 AM
Toluene	10 J	5.7		ug/m3	10	4/21/2018 5:59:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/19/2018 2:09:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/19/2018 2:09:00 AM
Trichloroethene	1.8	0.16		ug/m3	1	4/19/2018 2:09:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/19/2018 2:09:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/19/2018 2:09:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/19/2018 2:09:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *16-May-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	OA-1
Lab Order:	C1804042	**Tag Number:**	157,337
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	< 0.82 UJ	0.82		ug/m3	1	4/19/2018 2:49:00 AM
1,1,2,2-Tetrachloroethane	< 1.0 UJ	1.0		ug/m3	1	4/19/2018 2:49:00 AM
1,1,2-Trichloroethane	< 0.82 UJ	0.82		ug/m3	1	4/19/2018 2:49:00 AM
1,1-Dichloroethane	< 0.61 UJ	0.61		ug/m3	1	4/19/2018 2:49:00 AM
1,1-Dichloroethene	< 0.16 UJ	0.16		ug/m3	1	4/19/2018 2:49:00 AM
1,2,4-Trichlorobenzene	< 1.1 UJ	1.1		ug/m3	1	4/19/2018 2:49:00 AM
1,2,4-Trimethylbenzene	0.84 J	0.74		ug/m3	1	4/19/2018 2:49:00 AM
1,2-Dibromoethane	< 1.2 UJ	1.2		ug/m3	1	4/19/2018 2:49:00 AM
1,2-Dichlorobenzene	< 0.90 UJ	0.90		ug/m3	1	4/19/2018 2:49:00 AM
1,2-Dichloroethane	< 0.61 UJ	0.61		ug/m3	1	4/19/2018 2:49:00 AM
1,2-Dichloropropane	< 0.69 UJ	0.69		ug/m3	1	4/19/2018 2:49:00 AM
1,3,5-Trimethylbenzene	0.59 J	0.74	J	ug/m3	1	4/19/2018 2:49:00 AM
1,3-butadiene	< 0.33 UJ	0.33		ug/m3	1	4/19/2018 2:49:00 AM
1,3-Dichlorobenzene	< 0.90 UJ	0.90		ug/m3	1	4/19/2018 2:49:00 AM
1,4-Dichlorobenzene	0.84 J	0.90	J	ug/m3	1	4/19/2018 2:49:00 AM
1,4-Dioxane	< 1.1 UJ	1.1		ug/m3	1	4/19/2018 2:49:00 AM
2,2,4-trimethylpentane	0.61 J	0.70	J	ug/m3	1	4/19/2018 2:49:00 AM
4-ethyltoluene	< 0.74 UJ	0.74		ug/m3	1	4/19/2018 2:49:00 AM
Acetone	21 J	3.6		ug/m3	5	4/21/2018 6:36:00 AM
Allyl chloride	< 0.47 UJ	0.47		ug/m3	1	4/19/2018 2:49:00 AM
Benzene	1.2 J	0.48		ug/m3	1	4/19/2018 2:49:00 AM
Benzyl chloride	< 0.86 UJ	0.86		ug/m3	1	4/19/2018 2:49:00 AM
Bromodichloromethane	< 1.0 UJ	1.0		ug/m3	1	4/19/2018 2:49:00 AM
Bromoform	< 1.6 UJ	1.6		ug/m3	1	4/19/2018 2:49:00 AM
Bromomethane	< 0.58 UJ	0.58		ug/m3	1	4/19/2018 2:49:00 AM
Carbon disulfide	< 0.47 UJ	0.47		ug/m3	1	4/19/2018 2:49:00 AM
Carbon tetrachloride	0.57 J	0.19		ug/m3	1	4/19/2018 2:49:00 AM
Chlorobenzene	< 0.69 UJ	0.69		ug/m3	1	4/19/2018 2:49:00 AM
Chloroethane	< 0.40 UJ	0.40		ug/m3	1	4/19/2018 2:49:00 AM
Chloroform	< 0.73 UJ	0.73		ug/m3	1	4/19/2018 2:49:00 AM
Chloromethane	1.2 J	0.31		ug/m3	1	4/19/2018 2:49:00 AM
cis-1,2-Dichloroethene	< 0.16 UJ	0.16		ug/m3	1	4/19/2018 2:49:00 AM
cis-1,3-Dichloropropene	< 0.68 UJ	0.68		ug/m3	1	4/19/2018 2:49:00 AM
Cyclohexane	1.3 J	0.52		ug/m3	1	4/19/2018 2:49:00 AM
Dibromochloromethane	< 1.3 UJ	1.3		ug/m3	1	4/19/2018 2:49:00 AM
Ethyl acetate	9.9 J	2.7		ug/m3	5	4/21/2018 6:36:00 AM
Ethylbenzene	1.8 J	0.65		ug/m3	1	4/19/2018 2:49:00 AM
Freon 11	1.4 J	0.84		ug/m3	1	4/19/2018 2:49:00 AM
Freon 113	< 1.1 UJ	1.1		ug/m3	1	4/19/2018 2:49:00 AM
Freon 114	< 1.0 UJ	1.0		ug/m3	1	4/19/2018 2:49:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *16-May-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	OA-1
Lab Order:	C1804042	**Tag Number:**	157,337
Project:	46 Mount Hope Ave	**Collection Date:**	4/10/2018
Lab ID:	C1804042-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
Freon 12	8.4 J	0.74		ug/m3	1	4/19/2018 2:49:00 AM
Heptane	1.5 J	0.61		ug/m3	1	4/19/2018 2:49:00 AM
Hexachloro-1,3-butadiene	< 1.6 UJ	1.6		ug/m3	1	4/19/2018 2:49:00 AM
Hexane	5.6 J	0.53		ug/m3	1	4/19/2018 2:49:00 AM
Isopropyl alcohol	5.7 J	1.8		ug/m3	5	4/21/2018 6:36:00 AM
m&p-Xylene	5.7 J	1.3		ug/m3	1	4/19/2018 2:49:00 AM
Methyl Butyl Ketone	< 1.2 UJ	1.2		ug/m3	1	4/19/2018 2:49:00 AM
Methyl Ethyl Ketone	1.7 J	0.88		ug/m3	1	4/19/2018 2:49:00 AM
Methyl Isobutyl Ketone	0.90 J	1.2	J	ug/m3	1	4/19/2018 2:49:00 AM
Methyl tert-butyl ether	< 0.54 UJ	0.54		ug/m3	1	4/19/2018 2:49:00 AM
Methylene chloride	6.7 J	0.52		ug/m3	1	4/19/2018 2:49:00 AM
o-Xylene	1.5 J	0.65		ug/m3	1	4/19/2018 2:49:00 AM
Propylene	< 0.26 UJ	0.26		ug/m3	1	4/19/2018 2:49:00 AM
Styrene	0.60 J	0.64	J	ug/m3	1	4/19/2018 2:49:00 AM
Tetrachloroethylene	< 1.0 UJ	1.0		ug/m3	1	4/19/2018 2:49:00 AM
Tetrahydrofuran	< 0.44 UJ	0.44		ug/m3	1	4/19/2018 2:49:00 AM
Toluene	17 J	2.8		ug/m3	5	4/21/2018 6:36:00 AM
trans-1,2-Dichloroethene	0.59 J	0.59		ug/m3	1	4/19/2018 2:49:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/19/2018 2:49:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	4/19/2018 2:49:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/19/2018 2:49:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/19/2018 2:49:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/19/2018 2:49:00 AM

UJ

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Date: 16-May-18

CENTEK LABORATORIES, LLC

QC SUMMARY REPORT
SURROGATE RECOVERIES

CLIENT: LaBella Associates, P.C.
Work Order: C1804042
Project: 46 Mount Hope Ave
Test No: TO-15 **Matrix:** A

Sample ID	BR4FBZ							
ALCS1UG-041818	104							
ALCS1UG-042018	102							
ALCS1UGD-042018	105							
ALCSD1UG-041818	99.0							
AMB1UG-041818	83.0							
AMB1UG-042018	85.0							
C1804042-001A	97.0							
C1804042-002A	90.0							
C1804042-003A	95.0							
C1804042-004A	94.0							
C1804042-005A	93.0							
C1804042-006A	92.0							
C1804042-007A	92.0							
C1804042-008A	90.0							
C1804042-009A	98.0							

Acronym	Surrogate	QC Limits
BR4FBZ	= Bromofluorobenzene	70-130

* Surrogate recovery outside acceptance limits

Centek Laboratories, LLC

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA\AP041802.D
Tune Time : 18 Apr 2018 11:07 am

Daily Calibration File : C:\HPCHEM\1\DATA\AP041802.D

CCV 4/18/18 11:07 (BFB)

File	Sample	DL	Surrogate Recovery %			Internal Standard Responses (IS1)	(IS2)	(IS3)
			10.47	12.7	17.45	49907	222776	187854
						43023	192050	161943
						36139	161322	136032
AP041803.D	ALCS1UG-041818	104				40851	183142	154794
AP041804.D	AMB1UG-041818	83				39261	178630	142255
AP041815.D	C1804042-001A	97	10.47	12.71	17.46	41473	196545	172482
AP041816.D	C1804042-002A	90	10.47	12.71	17.46	40683	191639	171625
AP041817.D	C1804042-003A	95	10.47	12.71	17.46	39878	180574	151433
AP041818.D	C1804042-004A	94	10.47	12.71	17.46	38559	172583	145873
AP041819.D	C1804042-005A	93	10.47	12.71	17.46	38794	174418	152860
AP041820.D	C1804042-006A	92	10.48	12.71	17.46	38217	178548	156912
AP041821.D	C1804042-007A	92	10.46	12.71	17.46	37052	168520	142487
AP041822.D	C1804042-008A	90	10.47	12.71	17.45	37518	170680	143241
AP041823.D	C1804042-009A	98	10.47	12.71	17.46	35484	165979	146596
AP041824.D	ALCSD1UG-041818	99				36550	165389	143485

t - fails 24hr time check * - fails criteria

Created: Wed May 16 08:47:33 2018 MSD #1/

Centek Laboratories, LLC

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA\AP042002.D
Tune Time : 20 Apr 2018 11:33 am

Daily Calibration File : C:\HPCHEM\1\DATA\AP042002.D

CCV 4/20/18 11:33

File	Sample	DL	Surrogate Recovery % (BFB)			Internal Standard Responses (IS1)	(IS2)	(IS3)
						41998	193009	160905
						36205	166387	138711
			10.46	12.71	17.45	30412	139765	116517
AP042003.D	ALCS1UG-042018	102				37469	164353	138975
AP042005.D	AMB1UG-042018	85				34818	151169	121375
AP042022.D	C1804042-001A	5X 86	10.48	12.70	17.46	31263	138695	112377
AP042023.D	C1804042-002A	10X 86	10.47	12.71	17.46	31243	136990	115999
AP042024.D	C1804042-003A	10X 82	10.47	12.71	17.46	30823	137796	110947
AP042025.D	C1804042-004A	10X 84	10.47	12.71	17.46	31523	136423	105786
AP042026.D	C1804042-005A	10X 81	10.46	12.71	17.46	29883	132190	107796
AP042027.D	C1804042-006A	10X 83	10.47	12.71	17.46	30023	134422	105517
AP042028.D	C1804042-007A	5X 86	10.47	12.71	17.45	29586	134436	106885
AP042029.D	C1804042-008A	10X 84	10.47	12.70	17.46	30428	134665	105476
AP042030.D	C1804042-009A	5X 89	10.47	12.71	17.46	30511	135065	112774
AP042031.D	ALCS1UGD-042018	105				32224	137307	116044

t - fails 24hr time check * - fails criteria

Created: Wed May 16 08:48:57 2018 MSD #1/

CENTEK LABORATORIES, LLC

Date: *16-May-18*

ANALYTICAL QC SUMMARY REPORT

CLIENT: LaBella Associates, P.C.
Work Order: C1804042
Project: 46 Mount Hope Ave

TestCode: 0.20_NYS

Sample ID: ALCS1UG-042018 SampType: LCS TestCode: 0.20_NYS Units: ppbV Prep Date: RunNo: 13546
Client ID: ZZZZZ Batch ID: R13546 TestNo: TO-15 Analysis Date: 4/20/2018 SeqNo: 156895

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.050	0.15	1	0	105	70	130				
1,1,2,2-Tetrachloroethane	1.110	0.15	1	0	111	70	130				
1,1,2-Trichloroethane	1.090	0.15	1	0	109	70	130				
1,1-Dichloroethane	0.9000	0.15	1	0	90.0	70	130				
1,1-Dichloroethene	0.8300	0.040	1	0	83.0	70	130				
1,2,4-Trichlorobenzene	1.260	0.15	1	0	126	70	130				
1,2,4-Trimethylbenzene	1.140	0.15	1	0	114	70	130				
1,2-Dibromoethane	1.150	0.15	1	0	115	70	130				
1,2-Dichlorobenzene	1.230	0.15	1	0	123	70	130				
1,2-Dichloroethane	0.9200	0.15	1	0	92.0	70	130				
1,2-Dichloropropane	0.9800	0.15	1	0	98.0	70	130				
1,3,5-Trimethylbenzene	1.180	0.15	1	0	118	70	130				
1,3-butadiene	0.9700	0.15	1	0	97.0	70	130				
1,3-Dichlorobenzene	1.220	0.15	1	0	122	70	130				
1,4-Dichlorobenzene	1.220	0.15	1	0	122	70	130				
1,4-Dioxane	1.020	0.30	1	0	102	70	130				
2,2,4-trimethylpentane	0.9500	0.15	1	0	95.0	70	130				
4-ethyltoluene	1.150	0.15	1	0	115	70	130				
Acetone	0.9800	0.30	1	0	98.0	70	130				
Allyl chloride	0.8700	0.15	1	0	87.0	70	130				
Benzene	1.020	0.15	1	0	102	70	130				
Benzyl chloride	1.170	0.15	1	0	117	70	130				
Bromodichloromethane	1.100	0.15	1	0	110	70	130				
Bromoform	1.170	0.15	1	0	117	70	130				
Bromomethane	0.9100	0.15	1	0	91.0	70	130				

Qualifiers:

.	Results reported are not blank corrected	E	Estimated Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: LaBella Associates, P.C.
Work Order: C1804042
Project: 46 Mount Hope Ave **TestCode:** 0.20_NYS

Sample ID: ALCS1UG-042018 SampType: LCS TestCode: 0.20_NYS Units: ppbV Prep Date: RunNo: 13546
Client ID: ZZZZZ Batch ID: R13546 TestNo: TO-15 Analysis Date: 4/20/2018 SeqNo: 156895

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	0.9500	0.15	1	0	95.0	70	130				
Carbon tetrachloride	1.000	0.030	1	0	100	70	130				
Chlorobenzene	1.110	0.15	1	0	111	70	130				
Chloroethane	0.9200	0.15	1	0	92.0	70	130				
Chloroform	0.9600	0.15	1	0	96.0	70	130				
Chloromethane	0.9600	0.15	1	0	96.0	70	130				
cis-1,2-Dichloroethene	0.8100	0.040	1	0	81.0	70	130				
cis-1,3-Dichloropropene	1.060	0.15	1	0	106	70	130				
Cyclohexane	0.9600	0.15	1	0	96.0	70	130				
Dibromochloromethane	1.160	0.15	1	0	116	70	130				
Ethyl acetate	0.9200	0.15	1	0	92.0	70	130				
Ethylbenzene	1.060	0.15	1	0	106	70	130				
Freon 11	0.9200	0.15	1	0	92.0	70	130				
Freon 113	0.9800	0.15	1	0	98.0	70	130				
Freon 114	0.9400	0.15	1	0	94.0	70	130				
Freon 12	0.9800	0.15	1	0	98.0	70	130				
Heptane	0.9200	0.15	1	0	92.0	70	130				
Hexachloro-1,3-butadiene	1.250	0.15	1	0	125	70	130				
Hexane	0.8800	0.15	1	0	88.0	70	130				
Isopropyl alcohol	0.9400	0.15	1	0	94.0	70	130				
m&p-Xylene	2.210	0.30	2	0	110	70	130				
Methyl Butyl Ketone	0.9100	0.30	1	0	91.0	70	130				
Methyl Ethyl Ketone	0.9300	0.30	1	0	93.0	70	130				
Methyl Isobutyl Ketone	0.8500	0.30	1	0	85.0	70	130				
Methyl tert-butyl ether	0.8900	0.15	1	0	89.0	70	130				
Methylene chloride	0.9700	0.15	1	0	97.0	70	130				
o-Xylene	1.120	0.15	1	0	112	70	130				
Propylene	0.9000	0.15	1	0	90.0	70	130				
Styrene	1.160	0.15	1	0	116	70	130				
Tetrachloroethylene	1.150	0.15	1	0	115	70	130				
Tetrahydrofuran	0.8400	0.15	1	0	84.0	70	130				

Qualifiers:
- . Results reported are not blank corrected
- J Analyte detected below quantitation limit
- S Spike Recovery outside accepted recovery limits
- E Estimated Value above quantitation range
- ND Not Detected at the Limit of Detection
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.
Work Order: C1804042
Project: 46 Mount Hope Ave
TestCode: 0.20_NYS

Sample ID: ALCS1UG-042018	SampType: LCS	TestCode: 0.20_NYS	Units: ppbV	Prep Date:	RunNo: 13546
Client ID: ZZZZZ	Batch ID: R13546	TestNo: TO-15		Analysis Date: 4/20/2018	SeqNo: 156895

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	1.040	0.15	1	0	104	70	130				
trans-1,2-Dichloroethene	0.9300	0.15	1	0	93.0	70	130				
trans-1,3-Dichloropropene	1.130	0.15	1	0	113	70	130				
Trichloroethene	0.9900	0.030	1	0	99.0	70	130				
Vinyl acetate	0.8900	0.15	1	0	89.0	70	130				
Vinyl Bromide	0.9500	0.15	1	0	95.0	70	130				
Vinyl chloride	0.8400	0.040	1	0	84.0	70	130				

Sample ID: ALCS1UG-041818	SampType: LCS	TestCode: 0.20_NYS	Units: ppbV	Prep Date:	RunNo: 13548
Client ID: ZZZZZ	Batch ID: R13548	TestNo: TO-15		Analysis Date: 4/18/2018	SeqNo: 156904

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.020	0.15	1	0	102	70	130				
1,1,2,2-Tetrachloroethane	1.100	0.15	1	0	110	70	130				
1,1,2-Trichloroethane	1.120	0.15	1	0	112	70	130				
1,1-Dichloroethane	0.9300	0.15	1	0	93.0	70	130				
1,1-Dichloroethene	0.8600	0.040	1	0	86.0	70	130				
1,2,4-Trichlorobenzene	1.390	0.15	1	0	139	70	130				S
1,2,4-Trimethylbenzene	1.140	0.15	1	0	114	70	130				
1,2-Dibromoethane	1.130	0.15	1	0	113	70	130				
1,2-Dichlorobenzene	1.220	0.15	1	0	122	70	130				
1,2-Dichloroethane	0.9400	0.15	1	0	94.0	70	130				
1,2-Dichloropropane	0.9900	0.15	1	0	99.0	70	130				
1,3,5-Trimethylbenzene	1.170	0.15	1	0	117	70	130				
1,3-butadiene	0.9400	0.15	1	0	94.0	70	130				
1,3-Dichlorobenzene	1.200	0.15	1	0	120	70	130				
1,4-Dichlorobenzene	1.230	0.15	1	0	123	70	130				
1,4-Dioxane	1.190	0.30	1	0	119	70	130				
2,2,4-trimethylpentane	0.9700	0.15	1	0	97.0	70	130				
4-ethyltoluene	1.140	0.15	1	0	114	70	130				

Qualifiers:

.	Results reported are not blank corrected	E	Estimated Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: LaBella Associates, P.C.
Work Order: C1804042
Project: 46 Mount Hope Ave **TestCode:** 0.20_NYS

Sample ID: ALCS1UG-041818	SampType: LCS	TestCode: 0.20_NYS	Units: ppbV	Prep Date:	RunNo: 13548
Client ID: ZZZZZ	Batch ID: R13548	TestNo: TO-15		Analysis Date: 4/18/2018	SeqNo: 156904

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	1.050	0.30	1	0	105	70	130				
Allyl chloride	0.8900	0.15	1	0	89.0	70	130				
Benzene	1.020	0.15	1	0	102	70	130				
Benzyl chloride	1.160	0.15	1	0	116	70	130				
Bromodichloromethane	1.050	0.15	1	0	105	70	130				
Bromoform	1.140	0.15	1	0	114	70	130				
Bromomethane	0.8800	0.15	1	0	88.0	70	130				
Carbon disulfide	0.9800	0.15	1	0	98.0	70	130				
Carbon tetrachloride	0.9500	0.030	1	0	95.0	70	130				
Chlorobenzene	1.110	0.15	1	0	111	70	130				
Chloroethane	0.9300	0.15	1	0	93.0	70	130				
Chloroform	0.9600	0.15	1	0	96.0	70	130				
Chloromethane	0.9100	0.15	1	0	91.0	70	130				
cis-1,2-Dichloroethene	0.8400	0.040	1	0	84.0	70	130				
cis-1,3-Dichloropropene	1.040	0.15	1	0	104	70	130				
Cyclohexane	0.9700	0.15	1	0	97.0	70	130				
Dibromochloromethane	1.110	0.15	1	0	111	70	130				
Ethyl acetate	0.9500	0.15	1	0	95.0	70	130				
Ethylbenzene	1.070	0.15	1	0	107	70	130				
Freon 11	0.9300	0.15	1	0	93.0	70	130				
Freon 113	0.9800	0.15	1	0	98.0	70	130				
Freon 114	0.9100	0.15	1	0	91.0	70	130				
Freon 12	0.9400	0.15	1	0	94.0	70	130				
Heptane	0.9800	0.15	1	0	98.0	70	130				
Hexachloro-1,3-butadiene	1.260	0.15	1	0	126	70	130				
Hexane	0.8800	0.15	1	0	88.0	70	130				
Isopropyl alcohol	0.9900	0.15	1	0	99.0	70	130				
m&p-Xylene	2.160	0.30	2	0	108	70	130				
Methyl Butyl Ketone	0.9400	0.30	1	0	94.0	70	130				
Methyl Ethyl Ketone	1.020	0.30	1	0	102	70	130				
Methyl Isobutyl Ketone	1.050	0.30	1	0	105	70	130				

Qualifiers:

.	Results reported are not blank corrected	E	Estimated Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: LaBella Associates, P.C.
Work Order: C1804042
Project: 46 Mount Hope Ave

TestCode: 0.20_NYS

Sample ID: ALCS1UG-041818	SampType: LCS	TestCode: 0.20_NYS	Units: ppbV	Prep Date:	RunNo: 13548
Client ID: ZZZZZ	Batch ID: R13548	TestNo: TO-15		Analysis Date: 4/18/2018	SeqNo: 156904

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	0.9100	0.15	1	0	91.0	70	130				
Methylene chloride	0.9800	0.15	1	0	98.0	70	130				
o-Xylene	1.110	0.15	1	0	111	70	130				
Propylene	0.9400	0.15	1	0	94.0	70	130				
Styrene	1.120	0.15	1	0	112	70	130				
Tetrachloroethylene	1.120	0.15	1	0	112	70	130				
Tetrahydrofuran	0.9100	0.15	1	0	91.0	70	130				
Toluene	1.040	0.15	1	0	104	70	130				
trans-1,2-Dichloroethene	0.9500	0.15	1	0	95.0	70	130				
trans-1,3-Dichloropropene	1.030	0.15	1	0	103	70	130				
Trichloroethene	0.9700	0.030	1	0	97.0	70	130				
Vinyl acetate	0.9200	0.15	1	0	92.0	70	130				
Vinyl Bromide	0.9300	0.15	1	0	93.0	70	130				
Vinyl chloride	0.8000	0.040	1	0	80.0	70	130				

Qualifiers:

.	Results reported are not blank corrected	E	Estimated Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CENTEK LABORATORIES, LLC

Date: *16-May-18*

ANALYTICAL QC SUMMARY REPORT

CLIENT: LaBella Associates, P.C.
Work Order: C1804042
Project: 46 Mount Hope Ave

TestCode: 0.20_NYS

Sample ID: **ALCS1UGD-042018** SampType: **LCSD** TestCode: **0.20_NYS** Units: **ppbV** Prep Date: RunNo: **13546**
Client ID: **ZZZZZ** Batch ID: **R13546** TestNo: **TO-15** Analysis Date: **4/21/2018** SeqNo: **156896**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.150	0.15	1	0	115	70	130	1.05	9.09	30	
1,1,2,2-Tetrachloroethane	1.240	0.15	1	0	124	70	130	1.11	11.1	30	
1,1,2-Trichloroethane	1.220	0.15	1	0	122	70	130	1.09	11.3	30	
1,1-Dichloroethane	0.9400	0.15	1	0	94.0	70	130	0.9	4.35	30	
1,1-Dichloroethene	0.7700	0.040	1	0	77.0	70	130	0.83	7.50	30	
1,2,4-Trichlorobenzene	1.340	0.15	1	0	134	70	130	1.26	6.15	30	S
1,2,4-Trimethylbenzene	1.250	0.15	1	0	125	70	130	1.14	9.21	30	
1,2-Dibromoethane	1.200	0.15	1	0	120	70	130	1.15	4.26	30	
1,2-Dichlorobenzene	1.350	0.15	1	0	135	70	130	1.23	9.30	30	S
1,2-Dichloroethane	0.9900	0.15	1	0	99.0	70	130	0.92	7.33	30	
1,2-Dichloropropane	1.070	0.15	1	0	107	70	130	0.98	8.78	30	
1,3,5-Trimethylbenzene	1.290	0.15	1	0	129	70	130	1.18	8.91	30	
1,3-butadiene	1.010	0.15	1	0	101	70	130	0.97	4.04	30	
1,3-Dichlorobenzene	1.350	0.15	1	0	135	70	130	1.22	10.1	30	S
1,4-Dichlorobenzene	1.300	0.15	1	0	130	70	130	1.22	6.35	30	
1,4-Dioxane	1.290	0.30	1	0	129	70	130	1.02	23.4	30	
2,2,4-trimethylpentane	1.020	0.15	1	0	102	70	130	0.95	7.11	30	
4-ethyltoluene	1.280	0.15	1	0	128	70	130	1.15	10.7	30	
Acetone	0.9100	0.30	1	0	91.0	70	130	0.98	7.41	30	
Allyl chloride	0.8100	0.15	1	0	81.0	70	130	0.87	7.14	30	
Benzene	1.080	0.15	1	0	108	70	130	1.02	5.71	30	
Benzyl chloride	1.280	0.15	1	0	128	70	130	1.17	8.98	30	
Bromodichloromethane	1.190	0.15	1	0	119	70	130	1.1	7.86	30	
Bromoform	1.300	0.15	1	0	130	70	130	1.17	10.5	30	
Bromomethane	0.9800	0.15	1	0	98.0	70	130	0.91	7.41	30	

Qualifiers:
. Results reported are not blank corrected
J Analyte detected below quantitation limit
S Spike Recovery outside accepted recovery limits
E Estimated Value above quantitation range
ND Not Detected at the Limit of Detection
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.
Work Order: C1804042
Project: 46 Mount Hope Ave

TestCode: 0.20_NYS

Sample ID: ALCS1UGD-042018	SampType: LCSD	TestCode: 0.20_NYS	Units: ppbV	Prep Date:	RunNo: 13546
Client ID: ZZZZZ	Batch ID: R13546	TestNo: TO-15		Analysis Date: 4/21/2018	SeqNo: 156896

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	0.9400	0.15	1	0	94.0	70	130	0.95	1.06	30	
Carbon tetrachloride	1.110	0.030	1	0	111	70	130	1	10.4	30	
Chlorobenzene	1.200	0.15	1	0	120	70	130	1.11	7.79	30	
Chloroethane	0.9900	0.15	1	0	99.0	70	130	0.92	7.33	30	
Chloroform	1.020	0.15	1	0	102	70	130	0.96	6.06	30	
Chloromethane	1.050	0.15	1	0	105	70	130	0.96	8.96	30	
cis-1,2-Dichloroethene	0.8300	0.040	1	0	83.0	70	130	0.81	2.44	30	
cis-1,3-Dichloropropene	1.150	0.15	1	0	115	70	130	1.06	8.14	30	
Cyclohexane	1.020	0.15	1	0	102	70	130	0.96	6.06	30	
Dibromochloromethane	1.270	0.15	1	0	127	70	130	1.16	9.05	30	
Ethyl acetate	0.8900	0.15	1	0	89.0	70	130	0.92	3.31	30	
Ethylbenzene	1.130	0.15	1	0	113	70	130	1.06	6.39	30	
Freon 11	1.050	0.15	1	0	105	70	130	0.92	13.2	30	
Freon 113	0.9700	0.15	1	0	97.0	70	130	0.98	1.03	30	
Freon 114	1.040	0.15	1	0	104	70	130	0.94	10.1	30	
Freon 12	1.060	0.15	1	0	106	70	130	0.98	7.84	30	
Heptane	0.9700	0.15	1	0	97.0	70	130	0.92	5.29	30	
Hexachloro-1,3-butadiene	1.410	0.15	1	0	141	70	130	1.25	12.0	30	S
Hexane	0.8400	0.15	1	0	84.0	70	130	0.88	4.65	30	
Isopropyl alcohol	0.9600	0.15	1	0	96.0	70	130	0.94	2.11	30	
m&p-Xylene	2.430	0.30	2	0	122	70	130	2.21	9.48	30	
Methyl Butyl Ketone	1.020	0.30	1	0	102	70	130	0.91	11.4	30	
Methyl Ethyl Ketone	0.9600	0.30	1	0	96.0	70	130	0.93	3.17	30	
Methyl Isobutyl Ketone	1.060	0.30	1	0	106	70	130	0.85	22.0	30	
Methyl tert-butyl ether	0.9200	0.15	1	0	92.0	70	130	0.89	3.31	30	
Methylene chloride	1.000	0.15	1	0	100	70	130	0.97	3.05	30	
o-Xylene	1.270	0.15	1	0	127	70	130	1.12	12.6	30	
Propylene	0.9300	0.15	1	0	93.0	70	130	0.9	3.28	30	
Styrene	1.250	0.15	1	0	125	70	130	1.16	7.47	30	
Tetrachloroethylene	1.240	0.15	1	0	124	70	130	1.15	7.53	30	
Tetrahydrofuran	0.8700	0.15	1	0	87.0	70	130	0.84	3.51	30	

Qualifiers:

.	Results reported are not blank corrected	E	Estimated Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: LaBella Associates, P.C.
Work Order: C1804042
Project: 46 Mount Hope Ave **TestCode: 0.20_NYS**

Sample ID: ALCS1UGD-042018	SampType: LCSD	TestCode: 0.20_NYS	Units: ppbV	Prep Date:	RunNo: 13546
Client ID: ZZZZZ	Batch ID: R13546	TestNo: TO-15		Analysis Date: 4/21/2018	SeqNo: 156896

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	1.090	0.15	1	0	109	70	130	1.04	4.69	30	
trans-1,2-Dichloroethene	0.9200	0.15	1	0	92.0	70	130	0.93	1.08	30	
trans-1,3-Dichloropropene	1.140	0.15	1	0	114	70	130	1.13	0.881	30	
Trichloroethene	1.050	0.030	1	0	105	70	130	0.99	5.88	30	
Vinyl acetate	0.9000	0.15	1	0	90.0	70	130	0.89	1.12	30	
Vinyl Bromide	1.020	0.15	1	0	102	70	130	0.95	7.11	30	
Vinyl chloride	0.9100	0.040	1	0	91.0	70	130	0.84	8.00	30	

Sample ID: ALCSD1UG-041818	SampType: LCSD	TestCode: 0.20_NYS	Units: ppbV	Prep Date:	RunNo: 13548
Client ID: ZZZZZ	Batch ID: R13548	TestNo: TO-15		Analysis Date: 4/19/2018	SeqNo: 156905

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.010	0.15	1	0	101	70	130	1.02	0.985	30	
1,1,2,2-Tetrachloroethane	1.080	0.15	1	0	108	70	130	1.1	1.83	30	
1,1,2-Trichloroethane	1.120	0.15	1	0	112	70	130	1.12	0	30	
1,1-Dichloroethane	0.9000	0.15	1	0	90.0	70	130	0.93	3.28	30	
1,1-Dichloroethene	0.8600	0.040	1	0	86.0	70	130	0.86	0	30	
1,2,4-Trichlorobenzene	1.150	0.15	1	0	115	70	130	1.39	18.9	30	
1,2,4-Trimethylbenzene	1.130	0.15	1	0	113	70	130	1.14	0.881	30	
1,2-Dibromoethane	1.100	0.15	1	0	110	70	130	1.13	2.69	30	
1,2-Dichlorobenzene	1.170	0.15	1	0	117	70	130	1.22	4.18	30	
1,2-Dichloroethane	0.9200	0.15	1	0	92.0	70	130	0.94	2.15	30	
1,2-Dichloropropane	0.9600	0.15	1	0	96.0	70	130	0.99	3.08	30	
1,3,5-Trimethylbenzene	1.150	0.15	1	0	115	70	130	1.17	1.72	30	
1,3-butadiene	0.9800	0.15	1	0	98.0	70	130	0.94	4.17	30	
1,3-Dichlorobenzene	1.170	0.15	1	0	117	70	130	1.2	2.53	30	
1,4-Dichlorobenzene	1.150	0.15	1	0	115	70	130	1.23	6.72	30	
1,4-Dioxane	1.160	0.30	1	0	116	70	130	1.19	2.55	30	
2,2,4-trimethylpentane	0.9500	0.15	1	0	95.0	70	130	0.97	2.08	30	
4-ethyltoluene	1.130	0.15	1	0	113	70	130	1.14	0.881	30	

Qualifiers:
. Results reported are not blank corrected
J Analyte detected below quantitation limit
S Spike Recovery outside accepted recovery limits
E Estimated Value above quantitation range
ND Not Detected at the Limit of Detection
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.
Work Order: C1804042
Project: 46 Mount Hope Ave

TestCode: 0.20_NYS

Sample ID: ALCSD1UG-041818 SampType: LCSD TestCode: 0.20_NYS Units: ppbV Prep Date: RunNo: 13548
Client ID: ZZZZZ Batch ID: R13548 TestNo: TO-15 Analysis Date: 4/19/2018 SeqNo: 156905

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	0.9300	0.30	1	0	93.0	70	130	1.05	12.1	30	
Allyl chloride	0.8800	0.15	1	0	88.0	70	130	0.89	1.13	30	
Benzene	0.9900	0.15	1	0	99.0	70	130	1.02	2.99	30	
Benzyl chloride	1.100	0.15	1	0	110	70	130	1.16	5.31	30	
Bromodichloromethane	1.030	0.15	1	0	103	70	130	1.05	1.92	30	
Bromoform	1.120	0.15	1	0	112	70	130	1.14	1.77	30	
Bromomethane	0.9200	0.15	1	0	92.0	70	130	0.88	4.44	30	
Carbon disulfide	0.9200	0.15	1	0	92.0	70	130	0.98	6.32	30	
Carbon tetrachloride	0.9500	0.030	1	0	95.0	70	130	0.95	0	30	
Chlorobenzene	1.110	0.15	1	0	111	70	130	1.11	0	30	
Chloroethane	0.9100	0.15	1	0	91.0	70	130	0.93	2.17	30	
Chloroform	0.9500	0.15	1	0	95.0	70	130	0.96	1.05	30	
Chloromethane	0.9900	0.15	1	0	99.0	70	130	0.91	8.42	30	
cis-1,2-Dichloroethene	0.8300	0.040	1	0	83.0	70	130	0.84	1.20	30	
cis-1,3-Dichloropropene	1.060	0.15	1	0	106	70	130	1.04	1.90	30	
Cyclohexane	0.9800	0.15	1	0	98.0	70	130	0.97	1.03	30	
Dibromochloromethane	1.090	0.15	1	0	109	70	130	1.11	1.82	30	
Ethyl acetate	0.9300	0.15	1	0	93.0	70	130	0.95	2.13	30	
Ethylbenzene	1.060	0.15	1	0	106	70	130	1.07	0.939	30	
Freon 11	0.9300	0.15	1	0	93.0	70	130	0.93	0	30	
Freon 113	0.9800	0.15	1	0	98.0	70	130	0.98	0	30	
Freon 114	0.9500	0.15	1	0	95.0	70	130	0.91	4.30	30	
Freon 12	1.020	0.15	1	0	102	70	130	0.94	8.16	30	
Heptane	0.9200	0.15	1	0	92.0	70	130	0.98	6.32	30	
Hexachloro-1,3-butadiene	1.210	0.15	1	0	121	70	130	1.26	4.05	30	
Hexane	0.8600	0.15	1	0	86.0	70	130	0.88	2.30	30	
Isopropyl alcohol	0.9600	0.15	1	0	96.0	70	130	0.99	3.08	30	
m&p-Xylene	2.120	0.30	2	0	106	70	130	2.16	1.87	30	
Methyl Butyl Ketone	1.040	0.30	1	0	104	70	130	0.94	10.1	30	
Methyl Ethyl Ketone	0.9500	0.30	1	0	95.0	70	130	1.02	7.11	30	
Methyl Isobutyl Ketone	1.010	0.30	1	0	101	70	130	1.05	3.88	30	

Qualifiers:
. Results reported are not blank corrected
J Analyte detected below quantitation limit
S Spike Recovery outside accepted recovery limits
E Estimated Value above quantitation range
ND Not Detected at the Limit of Detection
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.
Work Order: C1804042
Project: 46 Mount Hope Ave

TestCode: 0.20_NYS

Sample ID: ALCSD1UG-041818	SampType: LCSD	TestCode: 0.20_NYS	Units: ppbV	Prep Date:	RunNo: 13548
Client ID: ZZZZZ	Batch ID: R13548	TestNo: TO-15		Analysis Date: 4/19/2018	SeqNo: 156905

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	0.9200	0.15	1	0	92.0	70	130	0.91	1.09	30	
Methylene chloride	0.9200	0.15	1	0	92.0	70	130	0.98	6.32	30	
o-Xylene	1.070	0.15	1	0	107	70	130	1.11	3.67	30	
Propylene	0.9800	0.15	1	0	98.0	70	130	0.94	4.17	30	
Styrene	1.100	0.15	1	0	110	70	130	1.12	1.80	30	
Tetrachloroethylene	1.110	0.15	1	0	111	70	130	1.12	0.897	30	
Tetrahydrofuran	0.8800	0.15	1	0	88.0	70	130	0.91	3.35	30	
Toluene	1.000	0.15	1	0	100	70	130	1.04	3.92	30	
trans-1,2-Dichloroethene	0.9200	0.15	1	0	92.0	70	130	0.95	3.21	30	
trans-1,3-Dichloropropene	1.030	0.15	1	0	103	70	130	1.03	0	30	
Trichloroethene	0.9800	0.030	1	0	98.0	70	130	0.97	1.03	30	
Vinyl acetate	0.9100	0.15	1	0	91.0	70	130	0.92	1.09	30	
Vinyl Bromide	0.9200	0.15	1	0	92.0	70	130	0.93	1.08	30	
Vinyl chloride	0.8700	0.040	1	0	87.0	70	130	0.8	8.38	30	

Qualifiers:

.	Results reported are not blank corrected	E	Estimated Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CENTEK LABORATORIES, LLC

Date: *16-May-18*

ANALYTICAL QC SUMMARY REPORT

CLIENT: LaBella Associates, P.C.
Work Order: C1804042
Project: 46 Mount Hope Ave

TestCode: 0.20_NYS

Sample ID: AMB1UG-042018 SampType: MBLK TestCode: 0.20_NYS Units: ppbV Prep Date: RunNo: 13546
Client ID: ZZZZZ Batch ID: R13546 TestNo: TO-15 Analysis Date: 4/20/2018 SeqNo: 156894

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.15	0.15									
1,1,2,2-Tetrachloroethane	< 0.15	0.15									
1,1,2-Trichloroethane	< 0.15	0.15									
1,1-Dichloroethane	< 0.15	0.15									
1,1-Dichloroethene	< 0.040	0.040									
1,2,4-Trichlorobenzene	< 0.15	0.15									
1,2,4-Trimethylbenzene	< 0.15	0.15									
1,2-Dibromoethane	< 0.15	0.15									
1,2-Dichlorobenzene	< 0.15	0.15									
1,2-Dichloroethane	< 0.15	0.15									
1,2-Dichloropropane	< 0.15	0.15									
1,3,5-Trimethylbenzene	< 0.15	0.15									
1,3-buladiene	< 0.15	0.15									
1,3-Dichlorobenzene	< 0.15	0.15									
1,4-Dichlorobenzene	< 0.15	0.15									
1,4-Dioxane	< 0.30	0.30									
2,2,4-trimethylpentane	< 0.15	0.15									
4-ethyltoluene	< 0.15	0.15									
Acetone	< 0.30	0.30									
Allyl chloride	< 0.15	0.15									
Benzene	< 0.15	0.15									
Benzyl chloride	< 0.15	0.15									
Bromodichloromethane	< 0.15	0.15									
Bromoform	< 0.15	0.15									
Bromomethane	< 0.15	0.15									

Qualifiers:

.	Results reported are not blank corrected	E	Estimated Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: LaBella Associates, P.C.
Work Order: C1804042
Project: 46 Mount Hope Ave

TestCode: 0.20_NYS

Sample ID: AMB1UG-042018 SampType: MBLK TestCode: 0.20_NYS Units: ppbV Prep Date: RunNo: 13546
Client ID: ZZZZZ Batch ID: R13546 TestNo: TO-15 Analysis Date: 4/20/2018 SeqNo: 156894

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	< 0.15	0.15									
Carbon tetrachloride	< 0.030	0.030									
Chlorobenzene	< 0.15	0.15									
Chloroethane	< 0.15	0.15									
Chloroform	< 0.15	0.15									
Chloromethane	< 0.15	0.15									
cis-1,2-Dichloroethene	< 0.040	0.040									
cis-1,3-Dichloropropene	< 0.15	0.15									
Cyclohexane	< 0.15	0.15									
Dibromochloromethane	< 0.15	0.15									
Ethyl acetate	< 0.15	0.15									
Ethylbenzene	< 0.15	0.15									
Freon 11	< 0.15	0.15									
Freon 113	< 0.15	0.15									
Freon 114	< 0.15	0.15									
Freon 12	< 0.15	0.15									
Heptane	< 0.15	0.15									
Hexachloro-1,3-butadiene	< 0.15	0.15									
Hexane	< 0.15	0.15									
Isopropyl alcohol	< 0.15	0.15									
m&p-Xylene	< 0.30	0.30									
Methyl Butyl Ketone	< 0.30	0.30									
Methyl Ethyl Ketone	< 0.30	0.30									
Methyl Isobutyl Ketone	< 0.30	0.30									
Methyl tert-butyl ether	< 0.15	0.15									
Methylene chloride	< 0.15	0.15									
o-Xylene	< 0.15	0.15									
Propylene	< 0.15	0.15									
Styrene	< 0.15	0.15									
Tetrachloroethylene	< 0.15	0.15									
Tetrahydrofuran	< 0.15	0.15									

Qualifiers:
. Results reported are not blank corrected
J Analyte detected below quantitation limit
S Spike Recovery outside accepted recovery limits
E Estimated Value above quantitation range
ND Not Detected at the Limit of Detection
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.
Work Order: C1804042
Project: 46 Mount Hope Ave **TestCode: 0.20_NYS**

Sample ID: AMB1UG-042018	SampType: MBLK	TestCode: 0.20_NYS	Units: ppbV	Prep Date:	RunNo: 13546
Client ID: ZZZZZ	Batch ID: R13546	TestNo: TO-15		Analysis Date: 4/20/2018	SeqNo: 156894

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	< 0.15	0.15									
trans-1,2-Dichloroethene	< 0.15	0.15									
trans-1,3-Dichloropropene	< 0.15	0.15									
Trichloroethene	< 0.030	0.030									
Vinyl acetate	< 0.15	0.15									
Vinyl Bromide	< 0.15	0.15									
Vinyl chloride	< 0.040	0.040									

Sample ID: AMB1UG-041818	SampType: MBLK	TestCode: 0.20_NYS	Units: ppbV	Prep Date:	RunNo: 13548
Client ID: ZZZZZ	Batch ID: R13548	TestNo: TO-15		Analysis Date: 4/18/2018	SeqNo: 156903

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.15	0.15									
1,1,2,2-Tetrachloroethane	< 0.15	0.15									
1,1,2-Trichloroethane	< 0.15	0.15									
1,1-Dichloroethane	< 0.15	0.15									
1,1-Dichloroethene	< 0.040	0.040									
1,2,4-Trichlorobenzene	< 0.15	0.15									
1,2,4-Trimethylbenzene	< 0.15	0.15									
1,2-Dibromoethane	< 0.15	0.15									
1,2-Dichlorobenzene	< 0.15	0.15									
1,2-Dichloroethane	< 0.15	0.15									
1,2-Dichloropropane	< 0.15	0.15									
1,3,5-Trimethylbenzene	< 0.15	0.15									
1,3-butadiene	< 0.15	0.15									
1,3-Dichlorobenzene	< 0.15	0.15									
1,4-Dichlorobenzene	< 0.15	0.15									
1,4-Dioxane	< 0.30	0.30									
2,2,4-trimethylpentane	< 0.15	0.15									
4-ethyltoluene	< 0.15	0.15									

Qualifiers:
. Results reported are not blank corrected
J Analyte detected below quantitation limit
S Spike Recovery outside accepted recovery limits
E Estimated Value above quantitation range
ND Not Detected at the Limit of Detection
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.
Work Order: C1804042
Project: 46 Mount Hope Ave **TestCode: 0.20_NYS**

Sample ID: AMB1UG-041818 SampType: MBLK TestCode: 0.20_NYS Units: ppbV Prep Date: RunNo: 13548
Client ID: ZZZZZ Batch ID: R13548 TestNo: TO-15 Analysis Date: 4/18/2018 SeqNo: 156903

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	< 0.30	0.30									
Allyl chloride	< 0.15	0.15									
Benzene	< 0.15	0.15									
Benzyl chloride	< 0.15	0.15									
Bromodichloromethane	< 0.15	0.15									
Bromoform	< 0.15	0.15									
Bromomethane	< 0.15	0.15									
Carbon disulfide	< 0.15	0.15									
Carbon tetrachloride	< 0.030	0.030									
Chlorobenzene	< 0.15	0.15									
Chloroethane	< 0.15	0.15									
Chloroform	< 0.15	0.15									
Chloromethane	< 0.15	0.15									
cis-1,2-Dichloroethene	< 0.040	0.040									
cis-1,3-Dichloropropene	< 0.15	0.15									
Cyclohexane	< 0.15	0.15									
Dibromochloromethane	< 0.15	0.15									
Ethyl acetate	< 0.15	0.15									
Ethylbenzene	< 0.15	0.15									
Freon 11	< 0.15	0.15									
Freon 113	< 0.15	0.15									
Freon 114	< 0.15	0.15									
Freon 12	< 0.15	0.15									
Heptane	< 0.15	0.15									
Hexachloro-1,3-butadiene	< 0.15	0.15									
Hexane	< 0.15	0.15									
Isopropyl alcohol	< 0.15	0.15									
m&p-Xylene	< 0.30	0.30									
Methyl Butyl Ketone	< 0.30	0.30									
Methyl Ethyl Ketone	< 0.30	0.30									
Methyl Isobutyl Ketone	< 0.30	0.30									

Qualifiers:
- . Results reported are not blank corrected
- J Analyte detected below quantitation limit
- S Spike Recovery outside accepted recovery limits
- E Estimated Value above quantitation range
- ND Not Detected at the Limit of Detection
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.
Work Order: C1804042
Project: 46 Mount Hope Ave **TestCode: 0.20_NYS**

Sample ID: **AMB1UG-041818** SampType: **MBLK** TestCode: **0.20_NYS** Units: **ppbV** Prep Date: RunNo: **13548**
Client ID: **ZZZZZ** Batch ID: **R13548** TestNo: **TO-15** Analysis Date: **4/18/2018** SeqNo: **156903**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	< 0.15	0.15									
Methylene chloride	< 0.15	0.15									
o-Xylene	< 0.15	0.15									
Propylene	< 0.15	0.15									
Styrene	< 0.15	0.15									
Tetrachloroethylene	< 0.15	0.15									
Tetrahydrofuran	< 0.15	0.15									
Toluene	< 0.15	0.15									
trans-1,2-Dichloroethene	< 0.15	0.15									
trans-1,3-Dichloropropene	< 0.15	0.15									
Trichloroethene	< 0.030	0.030									
Vinyl acetate	< 0.15	0.15									
Vinyl Bromide	< 0.15	0.15									
Vinyl chloride	< 0.040	0.040									

Qualifiers:

.	Results reported are not blank corrected	E	Estimated Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

APPENDIX 6
RESPONSIBILITIES of
OWNER and REMEDIAL PARTY

Responsibilities

The responsibilities for implementing the Interim Site Management Plan ("ISMP") for the Former Hall Welter site (the "site"), number 828194, are divided between the site owner(s) and a Remedial Party, as defined below. The owner is currently listed as:

Center Properties of Rochester, Inc.
Contact – Tom O'Connor
585-442-4102 x 8945
toconnor@alsigl.com
1000 Elmwood Avenue, Rochester, NY (the "owner").

Solely for the purposes of this document and based upon the facts related to a particular site and the remedial program being carried out, the term Remedial Party ("RP") refers to any of the following: certificate of completion holder, volunteer, applicant, responsible party, and, in the event the New York State Department of Environmental Conservation ("NYSDEC") is carrying out remediation or site management, the NYSDEC and/or an agent acting on its behalf. The RP is:

Center Properties of Rochester, Inc.
Contact – Tom O'Connor
585-442-4102 x 8945
toconnor@alsigl.com
1000 Elmwood Avenue, Rochester, NY .

Nothing on this page shall supersede the provisions of an Environmental Easement, Consent Order, Consent Decree, agreement, or other legally binding document that affects rights and obligations relating to the site.

Site Owner's Responsibilities:

1) The owner shall follow the provisions of the ISMP as they relate to future construction and excavation at the site.

2) The owner shall provide a written certification to the RP, upon the RP's request, in order to allow the RP to include the certification in the site's Periodic Review Report (PRR) certification to the NYSDEC.

3) The owner shall grant access to the site to the RP and the NYSDEC and its agents for the purposes of performing activities required under the ISMP and assuring compliance with the ISMP.

4) The owner is responsible for assuring the security of the remedial components located on its property to the best of its ability. In the event that damage to the remedial components or vandalism is evident, the owner shall notify the site's RP and the NYSDEC in accordance with the timeframes indicated in Section 1.3 – Notifications.

5) In the event some action or inaction by the owner adversely impacts the site, the owner must (i) notify the site's RP and the NYSDEC in accordance with the time frame indicated in Section 1.3 – Notifications and (ii) coordinate the performance of necessary corrective actions with the RP.

6) The owner must notify the RP and the NYSDEC of any change in ownership of the site property (identifying the tax map numbers in any correspondence) and provide contact information for the new owner of the site property. 6 NYCRR Part 375-1.11 contains notification requirements applicable to any construction or activity changes and changes in ownership. Among the notification requirements is the following: Sixty days prior written notification must be made to the NYSDEC. Notification is to be submitted to the NYSDEC Division of Environmental Remediation's Site Control Section. Notification requirements for a change in use are detailed in Section 1.3 of the ISMP. A 60-Day Advance Notification Form and Instructions are found at http://www.dec.ny.gov/chemical/76250.html.

7) Until such time as the NYSDEC deems the vapor mitigation system unnecessary, the owner shall cause: (a) the SSD system to be operated; (b) utilities for the system's operation be paid for; (c) and any maintenance issues be reported to the RP and the NYSDEC.

8) In accordance with the tenant notification law, within 15 days of receipt, the owner must supply a copy of any vapor intrusion data, that is produced with respect to structures and that exceeds NYSDOH or OSHA guidelines on the site, whether produced by the NYSDEC, RP, or owner, to the tenants on the property. The owner must otherwise comply with the tenant and occupant notification provisions of Environmental Conservation Law Article 27, Title 24.

Remedial Party Responsibilities

1) The RP must follow the ISMP provisions regarding any construction and/or excavation it undertakes at the site.

2) The RP shall report to the NYSDEC all activities required for remediation, operation, maintenance, monitoring, and reporting. Such reporting includes, but is not limited to, periodic review reports and certifications, electronic data deliverables, corrective action work plans and reports, and updated ISMPs.

3) Before accessing the site property to undertake a specific activity, the RP shall provide the owner advance notification that shall include an explanation of the work expected to be completed. The RP shall provide to (i) the owner, upon the owner's request, (ii) the NYSDEC, and (iii) other entities, if required by the ISMP, a copy of any data generated during the site visit and/or any final report produced.

4) If the NYSDEC determines that an update of the ISMP is necessary, the RP shall update the ISMP and obtain final approval from the NYSDEC. Within 5 business days after NYSDEC approval, the RP shall submit a copy of the approved ISMP to the owner(s).

5) The RP shall notify the NYSDEC and the owner of any changes in RP ownership and/or control and of any changes in the party/entity responsible for the operation, maintenance, and monitoring of and reporting with respect to any remedial system (Engineering Controls). The RP shall provide contact information for the new party/entity. Such activity constitutes a Change of Use pursuant to 375-1.11(d) and requires 60-days prior notice to the NYSDEC. A 60-Day Advance Notification Form and Instructions are found at http://www.dec.ny.gov/chemical/76250.html .

6) The RP shall notify the NYSDEC of any damage to or modification of the systems as required under Section 1.3 – Notifications of the ISMP.

7) The RP is responsible for the proper maintenance of any installed vapor intrusion mitigation systems associated with the site, as required in Section 3.3.2 or Appendix 4 (Operation , Monitoring and Maintenance Manual) of the ISMP.

8) Prior to a change in use that impacts the remedial system or requirements and/or responsibilities for implementing the ISMP, the RP shall submit to the NYSDEC for approval an amended ISMP.

9) Any change in use, change in ownership, change in site classification (e.g., delisting), reduction or expansion of remediation, and other significant changes related to the site may result in a change in responsibilities and, therefore, necessitate an update to the ISMP and/or updated legal documents. The RP shall contact the Department to discuss the need to update such documents.

Change in RP ownership and/or control and/or site ownership does not affect the RP's obligations with respect to the site unless a legally binding document executed by the NYSDEC releases the RP of its obligations.

Future site owners and RPs and their successors and assigns are required to carry out the activities set forth above.