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	D P. N
NYS Professional Engineer #	Date	Signature

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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

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 µg/m^3 to 4.6 µg/m^3, exceeding the NYSDEC air guidance value of 2.0 µg/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 µg/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.

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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

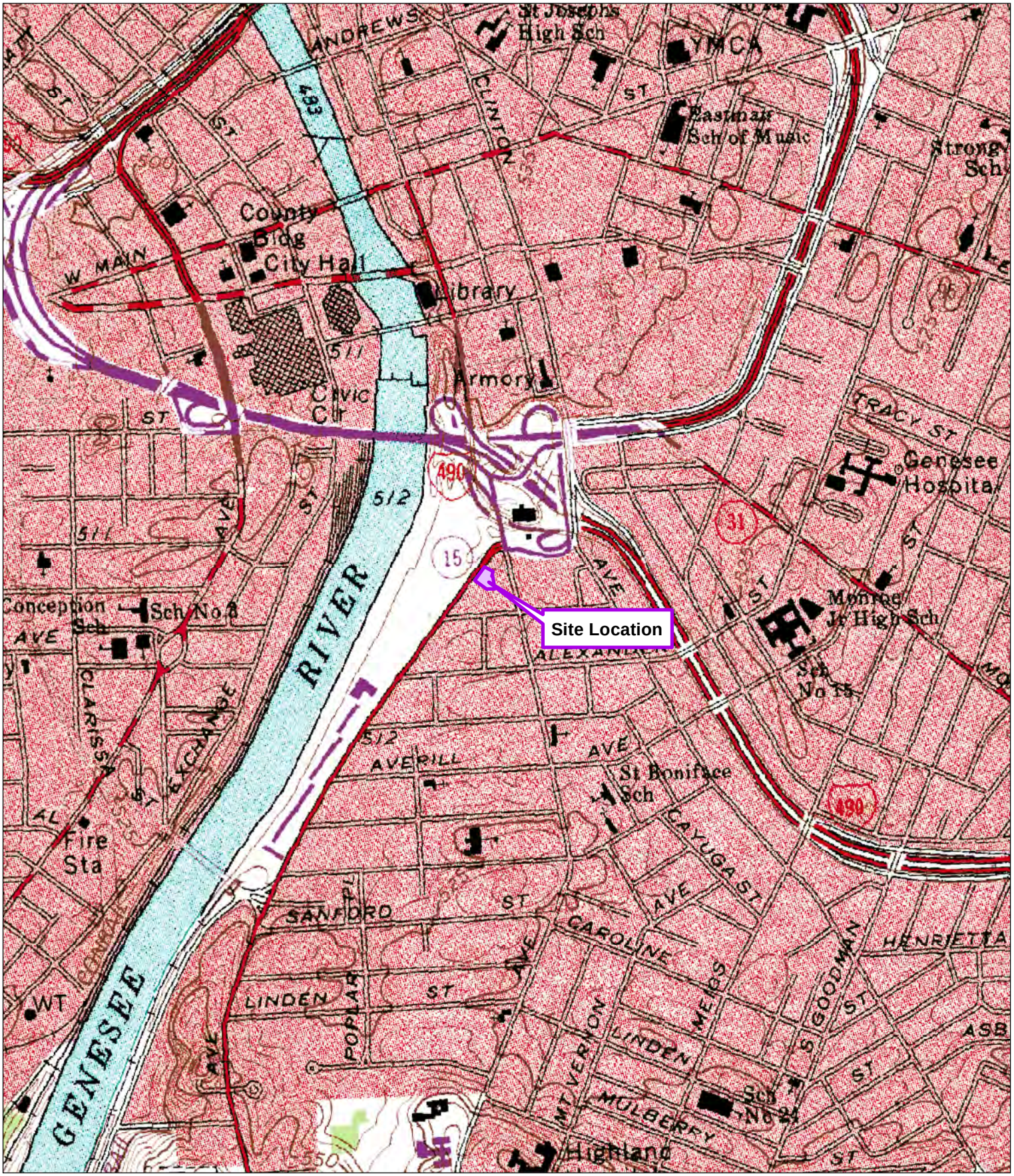
"<" indicates not detected above laboratory method detection limit (MDL)

"NA" indicates not applicable.

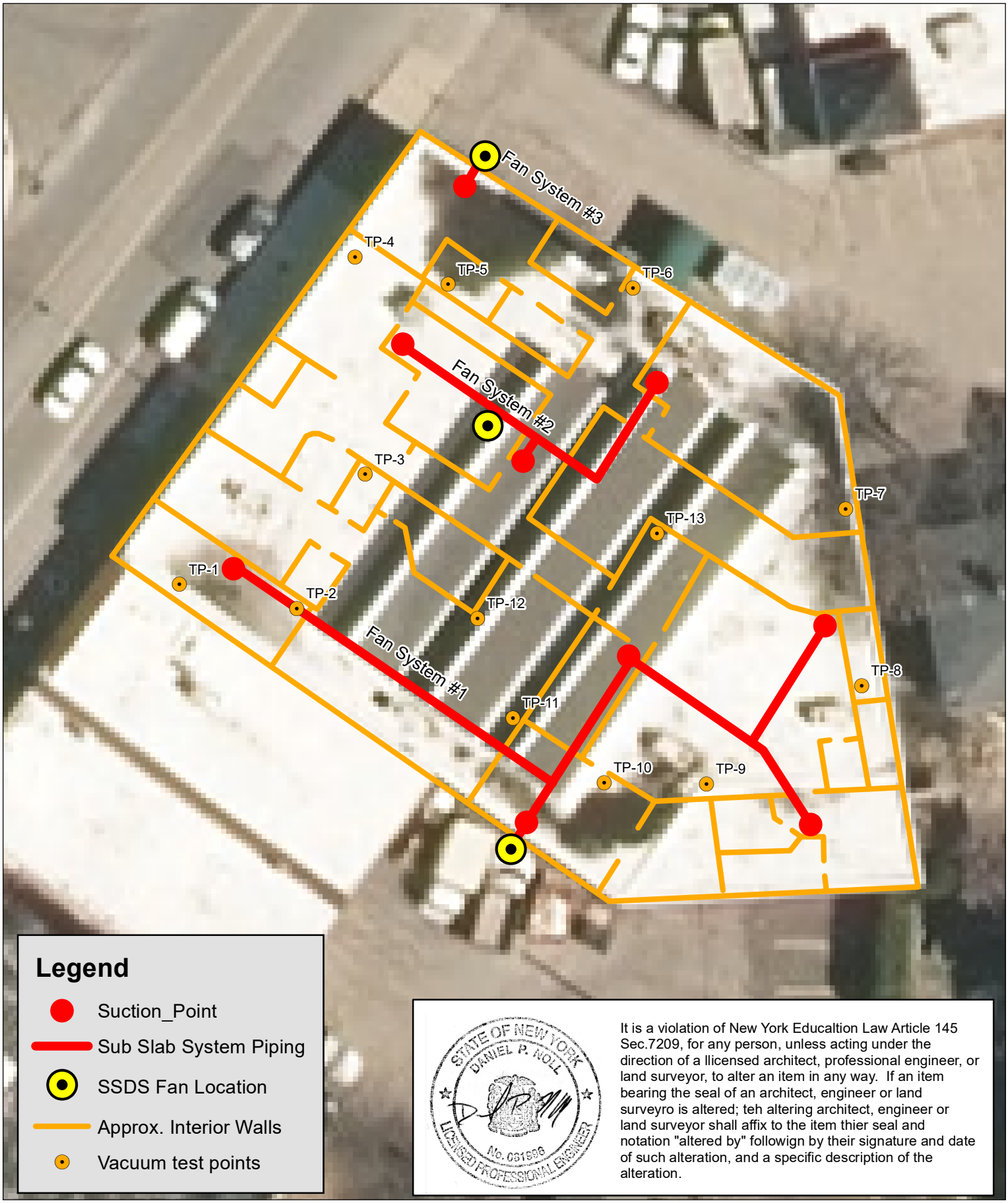
"J" Qualifier indicates analyte detected below quantitation limit and is considered estimated

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.



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

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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
W E
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Feet
1 inch = 25 feet
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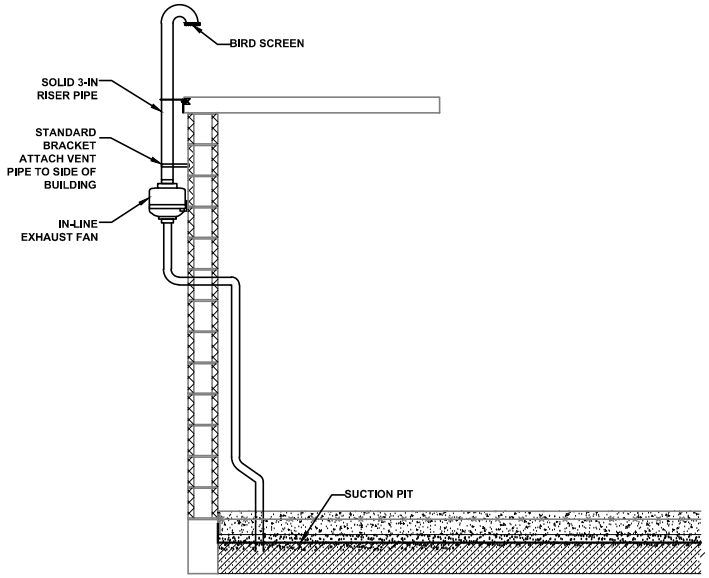
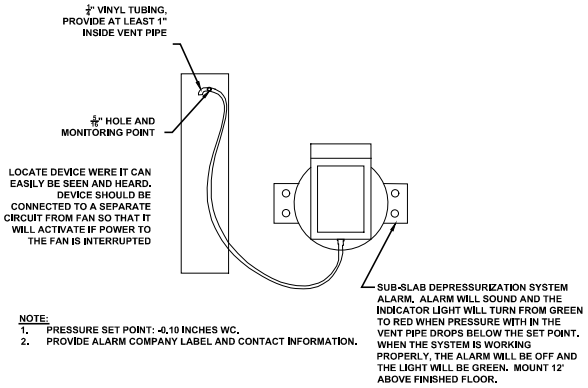


CROSS SECTION VIEW AT EXTERIOR WALL (TYPICAL)
SCALE: NONE



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
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No. 081696
LICENSED PROFESSIONAL ENGINEER

LaBella
Powered by partnership.

PROJECT/CLIENT
46 MOUNT HOPE AVENUE
ROCHESTER, NEW YORK

DRAWING TITLE
SUB-SLAB DEPRESSURIZATION SYSTEM DETAILS

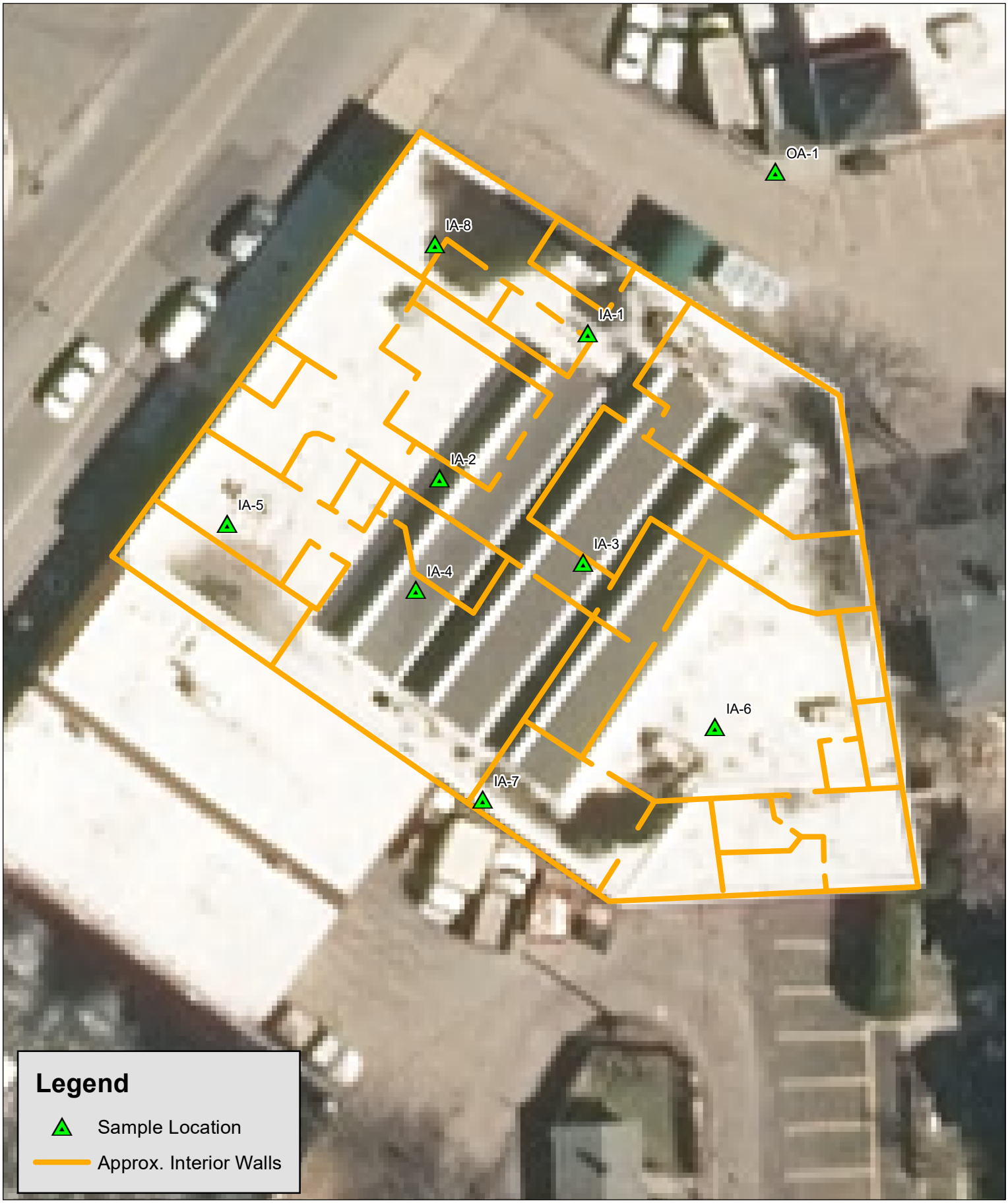
ISSUED FOR:

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
W E
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	.	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**
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
					/	/		
					/	/		
					/	/		
					/	/		
					/	/		
					/	/		
					/	/		
					/	/		
					/	/		
					/	/		

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:	Dan 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
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: *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
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
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
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-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
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
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				