April 17, 2018

Mr. Joseph Biondolillo
City of Rochester
30 Church Street, Room 300-B
Rochester, New York 14614

Re: Soil Vapor Intrusion Assessment
Bullshead Plaza
835-855 West Main Street, Rochester, New York 14611
LaBella Project Number 2172414

Dear Mr. Biondolillo,

LaBella Associates D.P.C. (LaBella) is pleased to submit this letter summarizing a Soil Vapor Intrusion (SVI) Assessment conducted for the Bullshead Plaza located at 835-855 West Main Street, City of Rochester, Monroe County, New York, hereinafter referred to as the "Site." LaBella was retained by the City of Rochester (the City) to conduct a SVI assessment in occupied tenant spaces within the Bullshead Plaza.

PROJECT BACKGROUND

The Site comprises approximately 4.2-acres of land and is currently developed with one (1) 85,899-square-foot (sq-ft) commercial plaza. The Site is located southeast of the intersection of West Main Street and Genesee Street. The building was reportedly constructed in 1951 and a majority of the plaza is vacant; however, some tenant spaces are occupied. Current occupants include Kicks & Caps (clothing store); Chase Bank; University of Rochester Center for Health and Behavioral Training (U of R Training Center); and, a Monroe County Department of Health Clinic (refer to Figure 1 for tenant locations).

The following previous environmental studies were completed at the Site:

- Environmental Screen – September 2009 – Day Environmental, Inc (Day)
- Limited Subsurface Investigation Report – April 28, 2015 – Bock and Clark Environmental, LLC (B&C)
- Phase I Environmental Site Assessment Update – September 30, 2016 – B&C
- Environmental Screen Report – October 31, 2016 – LaBella
- Phase I Environmental Site Assessment – September 1, 2017 – LaBella
- Draft Phase II Environmental Site Assessment – March 2018 - LaBella

Previous environmental reports have identified environmental concerns associated with historical uses of the Site and adjacent properties including historical dry cleaning operations at the Site and an adjacent property as summarized below:

- Westinghouse Dry Cleaners (addressed as 18 Genesee Street) reportedly operated at the Site in at least 1965. The location of the former Westinghouse Dry Cleaners appears to be the current southern portion of the Kicks and Caps tenant space (refer to Figure 1). It should be noted Westinghouse Dry Cleaners had coin operated dry cleaning machines per a 1966 Democrat and Chronicle article.
- Cadet Cleaners (addressed as 847 West Main Street) reportedly operated at the Site from at least 1971 to at least 1984 in the southern portion of the Site (refer to Figure 1).
- The southern adjacent property addressed as 68-92 Genesee Street was occupied by United Cleaners and Launderers from at least 1968 to at least 2011. LaBella completed a Phase II ESA at the southern adjacent property for the City of Rochester in 2016. The Phase II ESA identified chlorinated solvent impacts in soil and groundwater. Specifically, concentrations of tetrachloroethylene (also known as PCE, or PERC) were identified in groundwater at concentrations up to 36 milligrams per Liter (mg/L).
- Beck Cleaners was located at 6 Genesee Street from at least 1953 to 1958. 6 Genesee Street is a historical address for the northwestern portion of the Site as shown on Figure 1. Additional information regarding dry cleaning operations at Beck Cleaners including the use of PCE or lack thereof is unknown.

LaBella recently completed a Phase II ESA for the Site which identified the presence of chlorinated volatile organic compounds (CVOCs) in soil and groundwater. CVOCs were detected above laboratory method detection limits (MDLs) in soil; however, concentrations of CVOCs did not exceed New York Codes, Rules and Regulations (NYCRR) Part 375 Soil Cleanup Objectives (SCOs) for Unrestricted Use, Commercial Use, or Protection of Groundwater. PCE was detected in three (3) of nine (9) groundwater samples collected from the Site at concentrations that exceed NYCRR Part 703 Groundwater Quality Standards. Concentrations of PCE exceeding Groundwater Quality Standards ranged from 36 ug/L in BWB-06 to 12,000 ug/L in BWB-08. PCE was detected at 5,000 ug/L in BWB-01. Well BWB-08 is located immediately southwest of the former on-Site Westinghouse dry cleaning facility while wells BWB-01 and BWB-06 are located along the southern Site boundary proximate the former United Cleaners dry cleaning facility at the southern adjacent property.

Urban fill material was identified in several locations across the Site during the LaBella Phase II ESA. Semi-volatile organic compounds (SVOCs) and mercury were detected above NYCRR Part 375 Commercial Use SCOs in locations with documented urban fill material.

Based on the elevated concentrations of PCE, a chemical commonly used in dry cleaning operations, identified during the Phase II ESA and the historical dry cleaning facilities formerly located at the Site and adjacent property, LaBella was requested to evaluate the occupied ground floor tenant spaces for potential soil vapor intrusion (SVI) of VOCs. Occupants of the space assessed included Chase Bank, Kicks & Caps and University of Rochester Center for Health and Behavioral Training. It should be noted that the Monroe County Department of Health Clinic space was not assessed as it is on a second floor above the U of R Training Center. All remaining tenant spaces are currently vacant and were not assessed for SVI.

SOIL VAPOR INTRUSION SAMPLING PROCEDURES

The SVI sampling was completed in accordance with the New York State Department of Health (*NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York* dated October 2006 and subsequent updates (hereinafter referred to as NYSDOH Guidance). Sampling locations and frequency were based on a variety of factors including but not limited to square footage of occupied tenant spaces, and historical uses of the Site. Sampling procedures are summarized below:

1. Sampling points were installed in the floor slab to collect sub-slab vapor samples. To install the sub-slab sample points, a 1 ½-inch diameter hole was drilled into the building floor slab using a rotary hammer drill to a depth of approximately 2 inches in each sample location. Subsequently, a 5/8-inch diameter hole was drilled all the way through the floor slab. A metal sampling point was then installed within the 5/8-inch diameter hole in the floor slab. A metal or plastic cap was threaded onto each sampling point within the 1 ½-inch hole to be flush with the floor slab.

2. On February 22, 2018, two (2) sub-slab points were installed in the Kicks & Caps space and one (1) sub-slab point was installed in the Chase Bank space. On March 21, 2018, two (2) sub-slab points were installed in the U of R Training Center space.

3. Prior to sampling each sub-slab vapor point, a tracer gas (helium) test was completed to ensure adequate seal between the sampling point and the floor slab. A clean, stainless steel enclosure was placed over the sub-slab sampling point. Non-emitting VOC modeling clay was placed on the ground surface around the edge of the enclosure where it contacts the ground to make an air-tight seal. Prior to the purging and sampling activities, helium was introduced to the enclosure via a port on the exterior of the enclosure. Helium was measured within the enclosure and in the sub-slab via the sampling point to ensure helium was not detected in the sub-slab at a concentration greater than 10% of the ambient air. This test was performed for all sub-slab sampling points. Helium was not detected in the sub-slab indicating a sufficient seal was achieved.

4. Samples were collected in Chase Bank and Kicks & Caps on February 22, 2018 and in the U of R training center on March 21, 2018. A sample was collected from each sub-slab sampling point via inert tubing connected to a Summa® canister. An indoor air sample was collected within the immediate vicinity (i.e., less than 10-feet) of each sub-slab vapor sample. The co-located indoor air samples were collected from approximately 3-5 feet above the floor slab and collected in the same general time period as the sub-slab samples. An outdoor air sample was collected as a control in a location upwind from the building from approximately 3-5 feet above the ground surface in the same general time period as the sub-slab and indoor air samples. One (1) outdoor air sample was collected during each of the two (2) days samples were collected. Sampling locations are shown on Figure 1.

5. The samples were collected utilizing individually certified-clean 1-liter Summa® canisters equipped with laboratory calibrated flow controllers. The samples were collected over an approximate eight (8) hour time period. Immediately after opening each Summa® canister, the initial vacuum (inches of mercury) and time was noted and recorded on the laboratory chain-of-custody. After approximately eight (8) hours, final vacuum readings (inches of mercury) were noted and the Summa® canisters were closed.

6. A Building Inventory was completed in accordance with the NYSDOH Guidance Document. Chemicals in occupied tenant spaces were documented and photographed; chemicals observed did not contain CVOCs.

7. Each sample was submitted to Centek Laboratories, a NYSDOH Environmental Laboratory Approval Program (ELAP) certified laboratory for analysis of VOCs by United States Environmental Protection Agency (USEPA) Method TO-15.

SOIL VAPOR INTRUSION SAMPLING RESULTS

The sub-slab and indoor air sample results were compared to the 2006 NYSDOH Guidance Document including subsequent updates. The document provides guidance values for several compounds in the form of Decision Matrices and Air Guideline Values. For compounds without specific guidance values, typical background levels are used for comparison purposes. The NYSDOH SVI Guidance Appendix C, includes a USEPA 2001 Building Assessment and Survey Evaluation (BASE) Database which provides a database of data collected from buildings for comparison purposes. For the purposes of this evaluation, the 90th percentile values were utilized for comparison. It should be noted that this database is referenced to provide a relative benchmark for comparison to the indoor air sampling data, but does not represent regulatory standards or compliance values. Refer to Table 1 for a tabulated summary of the detected compounds. Refer to Attachment 1 for the full laboratory report.

Kicks & Caps

The samples identified as Kicks-01-SVI/Kicks-01-IA were collected in the northern portion of the tenant space and samples Kicks-02-SVI/Kicks-02-IA were collected in the southwestern portion of the tenant space. Refer to Figure 1 for the approximate locations of the samples. Several compounds were detected in the sub-slab, indoor air and outdoor air above laboratory MDLs and are included on Table 1.

- A comparison of detected compounds in indoor air and sub-slab soil vapor to the NYSDOH Document Decision Matrices updated May 2017 resulted in the decision *no further action* for each compound detected. Results of detected compounds are summarized below:

    - Carbon tetrachloride was identified in the indoor air samples Kicks-01-IA (0.57 µg/m^3) and Kicks-02-IA (0.50 µg/m^3); however, the compound was not detected above laboratory MDLs in corresponding sub-slab samples Kicks-01-SVI and Kicks-02-SVI, respectively. Based on the NYSDOH Soil Vapor/Indoor Air Matrix A, no further action is recommended. In addition, the outdoor air sample (Outdoor Air-1) detected Carbon Tetrachloride at a concentration of 0.57 µg/m^3 which is similar to concentrations detected in the indoor air.

    - Cis-1,2-Dichloroethene was identified in indoor air sample Kicks-02-IA (0.2 µg/m^3) but was not detected in the corresponding sub-slab sample Kicks-02-SVI, or Kicks-01-IA, Kicks-01-SVI or outdoor air sample Outdoor Air-1. Comparison of values to the NYSDOH Soil Vapor/Indoor Air Matrix A indicates no further action is recommended.

    - Methylene chloride was identified in sub-slab samples Kicks-01-SVI (9.1 µg/m^3) and Kicks-02-SVI (4.3 µg/m^3) as well as the corresponding indoor air samples Kicks-01-IA (1.4 µg/m^3) and Kicks-02-IA (1.8 µg/m^3). According to the NYSDOH Soil Vapor/Indoor Air Matrix B, no further action is recommended. It should be noted that methylene chloride was detected in the sample Outdoor Air-1 (1.7 µg/m^3) at similar concentrations as the detections in the indoor air samples.

    - PCE was identified in sub-slab samples Kicks-01-SVI (9.8 µg/m^3) and Kicks-02-SVI (110 µg/m^3) as well as the corresponding indoor air samples Kicks-01-IA (2.0 µg/m^3) and Kicks-02-IA (2.7 µg/m^3). Kicks-02-IA/ Kicks-02-SVI was collected in the location of the former Westinghouse Dry Cleaner. According to the NYSDOH Soil Vapor/Indoor Air Matrix B, no further action is recommended. PCE was not detected above laboratory MDLs in sample Outdoor Air-1.

- TCE was identified in sub-slab samples Kicks-01-SVI (6.0 µg/m^3) and Kicks-02-SVI (2.4 µg/m^3); however, TCE was not detected above laboratory MDLs in the indoor air samples or the outdoor air. Comparison of values to the NYSDOH Soil Vapor/Indoor Air Matrix A indicates no further action is recommended.

- Vinyl chloride was identified in sub-slab sample Kick-02-SVI (0.49 µg/m^3) but was not detected in the corresponding indoor air sample Kicks-02-IA or outdoor air sample Outdoor Air-1. Comparison of values to the NYSDOH Soil Vapor/Indoor Air Matrix C indicates no further action is recommended.

- Compounds detected in the indoor air do not exceed the 90th percentile values in the NYSDOH BASE Database.
- Compounds detected in the indoor air do not exceed Air Guideline Values in the NYSDOH Guidance.

Chase Bank

The samples identified as Chase-01-SVI/Chase-01-IA were collected in the western portion of this tenant space closest to well BMW-08 which contained elevated concentrations of PCE in groundwater. Refer to Figure 1 for the approximate locations of the samples. Several compounds were detected in the sub-slab, indoor air and outdoor air above laboratory MDLs and are included on Table 1.

- A comparison of detected compounds in indoor air and sub-slab soil vapor to the NYSDOH Document Decision Matrices updated May 2017 resulted in the decision *no further action* for each compound detected. Results of detected compounds are summarized below:

  - Carbon tetrachloride was identified in the indoor air sample Chase-01-IA (0.57 µg/m^3); however, this compound was not detected above method detection limits in corresponding sub-slab sample Chase-01-SVI. Based on the NYSDOH Soil Vapor/Indoor Air Matrix A, no further action is recommended. In addition, the outdoor air sample (Outdoor Air-1) detected Carbon Tetrachloride at a concentration of 0.57 µg/m^3 equivalent to the concentration detected in the indoor air.

  - Methylene chloride was identified in the sub-slab sample Chase-01-SVI (10 µg/m^3) as well as the corresponding indoor air sample Chase-01-IA (2.5 µg/m^3). According to the NYSDOH Soil Vapor/Indoor Air Matrix B, no further action is recommended. It should be noted that methylene chloride was detected in the sample Outdoor Air-1 (1.7 µg/m^3) at a similar concentration as the concentration in the indoor air sample.

  - PCE was identified in sub-slab sample Chase-01-SVI (1.1 µg/m^3) as well as the corresponding indoor air sample Chase-01-IA (1.4 µg/m^3). According to the NYSDOH Soil Vapor/Indoor Air Matrix B, no further action is recommended. PCE was not detected above laboratory MDLs in sample Outdoor Air-1.

  - TCE was identified in sub-slab sample Chase-01-SVI (2.7 µg/m^3); however, TCE was not detected above laboratory MDLs in the corresponding indoor air sample or the outdoor air. Comparison of values to the NYSDOH Soil Vapor/Indoor Air Matrix A indicates no further action is recommended.

- Compounds detected in the indoor air do not exceed the 90th percentile values in the NYSDOH BASE Database.
- Compounds detected in the indoor air do not exceed Air Guideline Values in the NYSDOH Guidance.

U or R Training Center

The samples identified as UR-SVI-01/UR-IA-01 were collected in the eastern portion of this tenant space and samples UR-SVI-02/UR-IA-02 were collected in the western portion of this tenant space. Refer to Figure 1 for the approximate locations of the samples. Several compounds were detected in the sub-slab, indoor air and outdoor air above laboratory MDLs and are included on Table 1.

- A comparison of detected compounds in indoor air and sub-slab soil vapor to the NYSDOH Document Decision Matrices updated May 2017 resulted in the decision *mitigate* due to concentrations of PCE in both sample locations and *monitor* due to concentrations of TCE in both sample locations. Results of detected compounds are summarized below:

    - 1,1,1-Trichloroethane was identified in sub-slab samples UR-SVI-01 (3.4 µg/m^3) and UR-SVI-02 (8.7 µg/m^3) but was not detected in the corresponding indoor air samples. Comparison of values to the NYSDOH Soil Vapor/Indoor Air Matrix B indicates no further action is recommended.

    - Carbon tetrachloride was identified in the indoor air samples UR-IA-01 (0.44 µg/m^3) and UR-IA-01 (0.38 µg/m^3), however, the compound was not detected above laboratory MDLs in corresponding sub-slab samples UR-SVI-01 and UR-SVI-02, respectively. Based on the NYSDOH Soil Vapor/Indoor Air Matrix A, no further action is recommended. In addition, the outdoor air sample (Outdoor Air) detected Carbon Tetrachloride at a concentration of 0.44 µg/m^3, which is similar to concentrations detected in the indoor air.

    - Cis-1,2-Dichloroethene was identified in indoor air samples UR-IA-01 (0.16 µg/m^3) and UR-IA-01 (0.16 µg/m^3). The compound was also detected in sub-slab sample UR-SVI-01 (0.63 µg/m^3) but was not detected in the sub-slab sample UR-SVI-02 or in the outdoor air. Comparison of values to the NYSDOH Soil Vapor/Indoor Air Matrix A indicates no further action is recommended.

    - Methylene chloride was identified in sub-slab samples UR-SVI-01 (3.3 µg/m^3) and UR-SVI-02 (1.3 µg/m^3) as well as the corresponding indoor air samples UR-IA-01 (0.63 µg/m^3) and UR-IA-01 (0.49 µg/m^3). According to the NYSDOH Soil Vapor/Indoor Air Matrix B, no further action is recommended. It should be noted that methylene chloride was detected in the sample Outdoor Air (0.59 µg/m^3) at similar concentrations as the indoor air samples.

    - PCE was identified in sub-slab samples UR-SVI-01 (1,200 µg/m^3) and UR-SVI-02 (16,000 µg/m^3) as well as the corresponding indoor air samples UR-IA-01 (110 µg/m^3) and UR-IA-01 (100 µg/m^3). According to the NYSDOH Soil Vapor/Indoor Air Matrix B, the NYSDOH Guidance recommends *mitigate* which is defined as:
        - *"We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab*

depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated."

PCE was not detected above laboratory MDLs in sample Outdoor Air-1. It should be noted the duplicate sample collected from sub-slab sample UR-SVI-02 detected 17,000 µg/m^3 PCE.

- TCE was identified in sub-slab samples UR-SVI-01 (9.7 µg/m^3) and UR-SVI-02 (19 µg/m^3) as well as the corresponding indoor air samples UR-IA-01 (0.38 µg/m^3) and UR-IA-01 (0.32 µg/m^3). According to the NYSDOH Soil Vapor/Indoor Air Matrix A the NYSDOH Guidance recommends *monitor* which is defined as:
  - *"We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommend to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building-, and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated."*

- Vinyl chloride was identified in sub-slab samples UR-SVI-01 (0.36 µg/m^3) and UR-SVI-02 (0.79 µg/m^3) but was not detected in the corresponding indoor air samples. Comparison of values to the NYSDOH Soil Vapor/Indoor Air Matrix C indicates no further action is recommended.

- Concentrations of PCE detected in the indoor air for both UR-IA-01 (110 µg/m^3) and UR-IA-01 (100 µg/m^3) exceed the USEAPA BASE Database 90th percentile (15.9 µg/m^3).
- Concentrations of PCE detected in the indoor air for both UR-IA-01 (110 µg/m^3) and UR-IA-01 (100 µg/m^3) exceed the NYSDOH Air guideline value (30 µg/m^3). The concentrations of PCE detected in indoor air are below the NYSDOH recommended immediate action level of 300 µg/m^3.

CONCLUSIONS AND RECOMMENDATIONS

Due to the concentrations CVOCs in groundwater at the Site and historical dry cleaning operations formerly located at the Site and adjacent property, an SVI evaluation was completed in occupied tenant spaces within the Site Building. The three spaces that were assessed included Kicks & Caps, Chase Bank and the U of R Training Center. This SVI evaluation was conducted in accordance with the NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* dated October 2006 and subsequent updates and was conducted within the heating season. Based on sampling results, the following conclusions and recommendations have been made:

Kicks &Caps:
Based on the comparison of indoor air and sub-slab soil vapor to the NYSDOH Guidance Document Decision Matrices, no further action related to SVI is warranted for the Kicks & Caps tenant space. Concentrations of detected compounds in indoor air do not exceed NYSDOH Air Guideline Values. Based on the investigations completed to date, no further work related to SVI appears warranted for this tenant space at this time.

Chase Bank:
Based on the comparison of indoor air and sub-slab soil vapor to the NYSDOH Guidance Document Decision Matrices, no further action related to SVI is warranted for the Chase Bank tenant space. Concentrations of detected compounds in indoor air do not exceed NYSDOH Air Guideline Values. Based on the investigations completed to date, no further work related to SVI appears warranted for this tenant space at this time.

U of R Training Center:
Soil vapor intrusion samples identified both TCE and PCE above the NYSDOH Guidance Decision Matrices minimum action levels. Neither TCE nor PCE was detected in the outdoor air sample and both compounds were detected at significantly higher concentrations in the sub-slab than in the indoor air. A comparison of concentrations detected in indoor air and sub-slab soil vapor to NYSDOH Guidance Decision Matrices resulted in *monitor* for TCE and m*itigate* for PCE. Concentrations of PCE in both indoor air samples exceed the NYSDOH Guidance Air Guideline Values and the NYSDOH BASE Database 90th Percentile Values.

Based on the results of this assessment, LaBella recommends a sub-slab depressurization system be installed in the U of R training Center tenant space to mitigate CVOCs in indoor air. No further action relating to SVI is recommended for the Kicks & Caps or Chase Bank tenant spaces or for vacant tenant spaces at this time.

A copy of all information collected during this assessment, including maps, notes, analytical data and other material will be kept on file at the offices of LaBella Associates, D.P.C. This information is available upon the request.

If you have any questions, please do not hesitate to contact me at (585) 295-6289.

Sincerely,

LABELLA ASSOCIATES, D.P.C.

Ann Aquilina
Environmental Engineer

Attachments:
Figure 1: Soil Vapor Intrusion Assessment Investigation Locations
Table 1: Summary of Detected Compounds in SVI Samples
Attachment 1: Laboratory Report

1. Former Westinghosue Dry Cleaner
2. Former Cadet Cleaners
3. Former United Cleaners
4. "Laundry"depicted on 1938 Sanborn Map.
5. Historical address for Beck Cleaners (6 Genesee Street)

W Main St

Genesee St

Churchlea Pl

Clifton St

Wooden St

5

Kicks-01-SVI / Kicks-01-IA

NYSDOH Descision Matrices Result:
No Further Action

1

Kicks & Caps (Clothing Store)

Kicks-02-SVI / Kicks-02-IA

NYSDOH Descision Matrices Result:
No Further Action

BWB-05

BWB-04

BWB-08

Chase Bank

Chase-01-SVI / Chase-01-IA

NYSDOH Descision Matrices Result:
No Further Action

BWB-09

Outdoor Air / Outdoor Air-1

BWB-07

U of R Train Center and Monroe County Clinic

UR-SVI-02 / UR-IA-02

UR-SV-01 / UR-IA-01

4

NYSDOH Descision Matrices Result:
1. Mitigate for PCE
2. Monitor for TCE

NYSDOH Descision Matrices Result:
1. Mitigate for PCE
2. Monitor for TCE

BWB-03

BWB-02

BWB-06

3

2

BWB-01

Legend

- SVI Testing Locations
- 2017 Bedrock Well
- Suspect Areas of Concern
- Occupied Buildings
- Site Boundary

NOTES:
1) Property boundaries obtained from Monroe County GIS and are considered approximate.
2) April 2015 aerial image obtained from Pictometry International, Inc. and may not represent current conditions.
3) Investigation locations determined using GPS (Carlson S320) or by measuring from Site features.

PROJECT/DRAWING NUMBER:
2172414
FIGURE 1

PROJECT:
SOIL VAPOR INTRUSION ASSESSMENT
835-855 WEST MAIN STREET
ROCHESTER, NEW YORK
DRAWING NAME:
INVESTIGATION LOCATIONS

CLIENT:
CITY OF ROCHESTER

N W E S

0 30 60 Feet
1 inch = 60 feet
INTENDED TO PRINT AS: 11" X 17"

LaBella
Powered by partnership.

Path: \\Projects2\ProjectsNZ-2\Rochester, City\2172414 - Bullshead Plaza Ph II ESA\Drawings\SVI\FIGURE 1 Investigation Locations.mxd

TABLE

Table 1
Soil Vapor Intrusion Assessment
Bullshead Plaza: 835-855 West Main Street, Rochester, New York
Summary of Detected Compounds in SVI Samples
LaBella Project No: 2172414

Sample ID	Chase-01-SVI	Chase-01-IA	Kicks-01-SVI	Kicks-01-IA	Kicks-02-SVI	Dupe (Kicks-02-SVI)	Kicks-02-IA	Outdoor Air-1	NYSDOH Sub-Slab Vapor Concentration Decision Matrix (minimum action level) (1)	NYSDOH Indoor Air Concentration (minimum action level) (1)	NYSDOH Guidance Table C2. USEPA BASE Database - 90th Percentile (2)
Sample Type	**Sub-Slab**	**Indoor Air**	**Sub-Slab**	**Indoor Air**	**Sub-Slab**	**Sub-Slab**	**Indoor Air**	**Outdoor Air**			
Sample Date	**2/22/2018**	**2/22/2018**	**2/22/2018**	**2/22/2018**	**2/22/2018**	**2/22/2018**	**2/22/2018**	**2/22/2018**			
1,2,4-Trimethylbenzene	2.5	0.98	3.1	0.79	3.3	3.5	0.69 J	<0.74	NL	NL	9.5
1,3,5-Trimethylbenzene	1.5	<0.74	1.9	<0.74	2.7	2.8	<0.74	<0.74	NL	NL	3.7
2,2,4-trimethylpentane	<0.70	<0.70	<0.70	0.47 J	<0.70	<0.70	0.51 J	0.89	NL	NL	NL
4-ethyltoluene	0.54 J	<0.74	0.79	<0.74	0.93	1.0	<0.74	<0.74	NL	NL	3.6
Acetone	37	44	140	22	130	210	52	12	NL	NL	98.9
Benzene	0.83	1.1	39	1.0	32	29	1.0	1.4	NL	NL	9.4
Carbon disulfide	1.3	<0.47	21	<0.47	48	44	<0.47	<0.47	NL	NL	4.2
Carbon tetrachloride	<0.94	0.57	<0.94	0.57	<0.94	<0.94	0.50	0.57	6**	0.2**	<1.3
Chloroethane	<0.40	<0.40	0.47	<0.40	<0.40	<0.40	<0.40	<0.40	NL	NL	<1.1
Chloroform	0.59 J	0.59 J	<0.73	<0.73	5.5	5.9	0.68 J	<0.73	NL	NL	1.1
Chloromethane	0.47	1.3	0.52	1.0	<0.31	0.25 J	0.97	0.99	NL	NL	3.7
cis-1,2-Dichloroethene	<0.59	<0.16	<0.59	<0.16	<0.59	<0.59	0.20	<0.16	6**	0.2**	<1.9
Cyclohexane	1.2	<0.52	230	0.52	71	68	0.69	<0.52	NL	NL	NL
Ethyl acetate	2.8	1.1	<0.54	2.8	1.9	1.8	4.1	<0.54	NL	NL	5.4
Ethylbenzene	1.0	<0.65	3.4	0.48 J	7.3	8.0	0.74	<0.65	NL	NL	5.7
Freon 11	1.6	1.6	1.6	1.5	1.6	1.7	1.3	1.4	NL	NL	18.1
Freon 12	3.5	4.9	30	3.3	6.3	6.3	2.9	3.0	NL	NL	16.5
Heptane	3.0	0.66	440	0.70	130	130	0.74	0.86	NL	NL	NL
Hexane	28	5.1	900	4.5	200	180	4.3	5.6	NL	NL	10.2
Isopropyl alcohol	17	49	<0.37	5.4	<0.37	<0.37	8.6	1.3	NL	NL	250
m&p-Xylene	2.5	1.3	6.5	1.5	22	20	2.2	1.0 J	NL	NL	22.2
Methyl Butyl Ketone	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	0.49 J	<1.2	NL	NL	NL
Methyl Ethyl Ketone	2.8	2.4	19	4.1	11	11	6.8 J	0.77 J	NL	NL	12
Methyl Isobutyl Ketone	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	0.53 J	<1.2	NL	NL	6
Methylene chloride	10	2.5	9.1	1.4	4.3	4.0	1.8	1.7	100***	3***/60*	10
o-Xylene	0.96	0.56 J	1.6	0.65	5.9	6.4	0.91	<0.65	NL	NL	7.9
Tetrachloroethylene	1.1	1.4	9.8	2.0	110	100	2.7	<1.0	100***	3***/30*	15.9
Toluene	7.5	3.7	92	6.1	88	81	4.7	2.6	NL	NL	43
Trichloroethene	2.7	<0.16	6.0	<0.16	2.4	2.6	<0.16	<0.16	6**	0.2**/2*	4.2
Vinyl chloride	<0.38	<0.10	<0.38	<0.10	0.49	0.56	<0.10	<0.10	6****	0.2****	<1.9

Notes:

Concentrations in micrograms per cubic meter (ug/m^3)

Samples analyzed for VOCs by USEPA Method TO-15

< indicates the concentration was not detected above the reporting limit

(1) *New York State Department of Health (NYSDOH), Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, October 2006 and subsequent updates. [Note: This Guidance uses a combination of indoor air and sub-slab soil vapor when comparing to the matrices. In addition, for compounds not listed in the matrices an overall site approach is employed which utilizes the USEPA BASE Database (see 2. below) as typical background for commercial buildings and also uses the outdoor air sample, refer to Guidance document for details.]

(2) USEPA Building Assessment and Survey Evaluation (BASE) Database (90th Percentile). As recommended in Section 3.2.4 of the NYSDOH Guidance (Refer to Footnote "1") this database is referenced for the indoor air sampling results. This database is also referenced to provide initial benchmarks for comparison to the air sampling data and does not represent regulatory standards or compliance values.

***** = Air Guideline Values obtained from Table 3.1, NYSDOH, Guidance for Evaluating Soil Vapor Intrusion in the State of New York and updates in September 2013 for PCE and August 2015 for TCE.

****** = Guideline Value obtained from Soil Vapor/Indoor Air Matrix A (minimum action level), NYSDOH, Guidance for Evaluating Soil Vapor Intrusion in the State of New York May 2017.

******* = Guidance Value obtained from Soil Vapor/Indoor Air Matrix B (minimum action level), NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York May 2017.

******** = Guidance Value obtained from Soil Vapor/Indoor Air Matrix C (minimum action level), NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York May 2017.

Red values are above Air Guideline Derived by NYSDOH in Table 3.1 of NYSDOH Guidance titled "Evaluating Soil Vapor Intrusion in the State of New York", October 2006 (and subsequent updates).

BOLD values are above the USEPA BASE Database (90th Percentile)

J - Analyte detected below quantitation limit

NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York **, May 2017 Decision Matrices Notes:**

NO FURTHER ACTION:

No additional actions are recommended to address human exposures

IDENTIFY SOURCE(S) AND RESAMPLE OR MITIGATE:

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

MONITOR:

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

MITIGATE:

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

LaBella Powered by partnership.

Table 1 (continued)
Soil Vapor Intrusion Assessment
Bullshead Plaza: 835-855 West Main Street, Rochester, New York
Summary of Detected Compounds in SVI Samples
LaBella Project No: 2172414

Sample ID	UR-SVI-01	UR-IA-01	UR-SVI-02	Dupe (UR-SVI-02)	UR-IA-02	Outdoor Air-1	NYSDOH Sub-Slab Vapor Concentration Decision Matrix (minimum action level) (1)	NYSDOH Indoor Air Concentration (minimum action level) (1)	NYSDOH Guidance Table C2. USEPA BASE Database - 90th Percentile (2)
Sample Type	Sub-Slab	Indoor Air	Sub-Slab	Sub-Slab	Indoor Air	Outdoor Air			
Sample Date	3/21/2018	3/21/2018	3/21/2018	3/21/2018	3/21/2018	3/21/2018			
1,1,1-Trichloroethane	3.4	<0.82	8.7	8.8	<0.82	<0.82	100***	3***	20.6
1,2,4-Trimethylbenzene	4.2	0.54 J	2.9	2.7	<0.74	<0.74	NL	NL	9.5
1,3,5-Trimethylbenzene	1.7	<0.74	2.4	2.6	<0.74	<0.74	NL	NL	3.7
2,2,4-trimethylpentane	0.61 J	<0.70	0.56 J	<0.70	<0.70	0.51 J	NL	NL	NL
4-ethyltoluene	1	<0.74	0.64 J	0.59 J	<0.74	<0.74	NL	NL	3.6
Acetone	41	24	120	100	16	12	NL	NL	98.9
Benzene	3.7	0.7	9.6	9.6	0.73	0.77	NL	NL	9.4
Carbon disulfide	3.3	<0.47	22	23	<0.47	<0.47	NL	NL	4.2
Carbon tetrachloride	<0.94	0.44	<0.94	<0.94	0.38	0.44	6**	0.2**	<1.3
Chloroform	1.1	<0.73	0.83	0.83	<0.73	<0.73	NL	NL	1.1
Chloromethane	0.35	0.74	0.47	<0.31	0.74	0.76	NL	NL	3.7
cis-1,2-Dichloroethene	0.63	0.16	<0.59	<0.59	0.16	<0.16	6**	0.2**	<1.9
Cyclohexane	5	<0.52	14	13	<0.52	<0.52	NL	NL	NL
Ethyl acetate	3.9	0.61	<0.54	2.5	0.5 J	<0.54	NL	NL	5.4
Ethylbenzene	4.3	<0.65	2.4	2.4	<0.65	<0.65	NL	NL	5.7
Freon 11	1.1	1.1	1.1	1.1	1.1	1.2	NL	NL	18.1
Freon 12	4.6	4.9	4.1	4.4	5	4.7	NL	NL	16.5
Heptane	7.4	0.45 J	36	36	<0.61	0.49 J	NL	NL	NL
Hexane	17	1	46	47	1.1	2.4	NL	NL	10.2
Isopropyl alcohol	22	19	38	36	31	1.5	NL	NL	250
m&p-Xylene	15	0.43 J	6.9	6.7	0.52 J	0.56 J	NL	NL	22.2
Methyl Ethyl Ketone	4.5	0.83 J	8 J	7.4 J	0.86 J	0.68 J	NL	NL	12
Methylene chloride	3.3	0.63	1.3	1.5	0.49 J	0.59	100***	3***/60*	10
o-Xylene	4.1	<0.65	1.8	1.7	<0.65	<0.65	NL	NL	7.9
Styrene	1.3	<0.64	0.89	0.85	<0.64	<0.64	NL	NL	1.9
Tetrachloroethylene	1,200	110	16,000	17,000	100	<1.0	100***	3***/30*	15.9
Toluene	74	1.8	73	74	2.1	2.4	NL	NL	43
Trichloroethene	9.7	0.38	19	19	0.32	<0.16	6**	0.2**/2*	4.2
Vinyl chloride	0.36 J	<0.10	0.79	0.82	<0.10	<0.10	6****	0.2****	<1.9

Notes:

Concentrations in micrograms per cubic meter (ug/m^3)

Samples analyzed for VOCs by USEPA Method TO-15

< indicates the concentration was not detected above the reporting limit

(1) *New York State Department of Health (NYSDOH), Guidance for Evaluating Soil Vapor Intrusion in the State of New York* , October 2006 and subsequent updates. [Note: This Guidance uses a combination of indoor air and sub-slab soil vapor when comparing to the matrices. In addition, for compounds not listed in the matrices an overall site approach is employed which utilizes the USEPA BASE Database (see 2. below) as typical background for commercial buildings and also uses the outdoor air sample, refer to Guidance document for details.]

(2) USEPA Building Assessment and Survey Evaluation (BASE) Database (90th Percentile). As recommended in Section 3.2.4 of the NYSDOH Guidance (Refer to Footnote "1") this database is referenced for the indoor air sampling results. This database is also referenced to provide initial benchmarks for comparison to the air sampling data and does not represent regulatory standards or compliance values.

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Red values are above Air Guideline Derived by NYSDOH in Table 3.1 of NYSDOH Guidance titled "Evaluating Soil Vapor Intrusion in the State of New York", October 2006 (and subsequent updates).

BOLD values are above the USEPA BASE Database (90th Percentile)

J - Analyte detected below quantitation limit

***NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York* , May 2017 Decision Matrices Notes:**

NO FURTHER ACTION:

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Centek Laboratories, LLC

Date: *13-Mar-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	Chase-01-SVI
Lab Order:	C1803021	**Tag Number:**	242 339
Project:	Bullshead Plaza Phase 2 ESA	**Collection Date:**	2/22/2018
Lab ID:	C1803021-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	3/8/2018 7:40:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/8/2018 7:40:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/8/2018 7:40:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/8/2018 7:40:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/8/2018 7:40:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/8/2018 7:40:00 AM
1,2,4-Trimethylbenzene	2.5	0.74		ug/m3	1	3/8/2018 7:40:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/8/2018 7:40:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 7:40:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/8/2018 7:40:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/8/2018 7:40:00 AM
1,3,5-Trimethylbenzene	1.5	0.74		ug/m3	1	3/8/2018 7:40:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/8/2018 7:40:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 7:40:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 7:40:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/8/2018 7:40:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	3/8/2018 7:40:00 AM
4-ethyltoluene	0.54	0.74	J	ug/m3	1	3/8/2018 7:40:00 AM
Acetone	37	7.1		ug/m3	10	3/8/2018 9:00:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/8/2018 7:40:00 AM
Benzene	0.83	0.48		ug/m3	1	3/8/2018 7:40:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/8/2018 7:40:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/8/2018 7:40:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/8/2018 7:40:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/8/2018 7:40:00 AM
Carbon disulfide	1.3	0.47		ug/m3	1	3/8/2018 7:40:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	3/8/2018 7:40:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/8/2018 7:40:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/8/2018 7:40:00 AM
Chloroform	0.59	0.73	J	ug/m3	1	3/8/2018 7:40:00 AM
Chloromethane	0.47	0.31		ug/m3	1	3/8/2018 7:40:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/8/2018 7:40:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/8/2018 7:40:00 AM
Cyclohexane	1.2	0.52		ug/m3	1	3/8/2018 7:40:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/8/2018 7:40:00 AM
Ethyl acetate	2.8	0.54		ug/m3	1	3/8/2018 7:40:00 AM
Ethylbenzene	1.0	0.65		ug/m3	1	3/8/2018 7:40:00 AM
Freon 11	1.6	0.84		ug/m3	1	3/8/2018 7:40:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/8/2018 7:40:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/8/2018 7:40:00 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: *13-Mar-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	Chase-01-SVI
Lab Order:	C1803021	**Tag Number:**	242 339
Project:	Bullshead Plaza Phase 2 ESA	**Collection Date:**	2/22/2018
Lab ID:	C1803021-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	3.5	0.74		ug/m3	1	3/8/2018 7:40:00 AM
Heptane	3.0	0.61		ug/m3	1	3/8/2018 7:40:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/8/2018 7:40:00 AM
Hexane	28	5.3		ug/m3	10	3/8/2018 9:00:00 PM
Isopropyl alcohol	17	3.7		ug/m3	10	3/8/2018 9:00:00 PM
m&p-Xylene	2.5	1.3		ug/m3	1	3/8/2018 7:40:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/8/2018 7:40:00 AM
Methyl Ethyl Ketone	2.8	0.88		ug/m3	1	3/8/2018 7:40:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/8/2018 7:40:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/8/2018 7:40:00 AM
Methylene chloride	10	5.2		ug/m3	10	3/8/2018 9:00:00 PM
o-Xylene	0.96	0.65		ug/m3	1	3/8/2018 7:40:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/8/2018 7:40:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/8/2018 7:40:00 AM
Tetrachloroethylene	1.1	1.0		ug/m3	1	3/8/2018 7:40:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/8/2018 7:40:00 AM
Toluene	7.5	5.7		ug/m3	10	3/8/2018 9:00:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/8/2018 7:40:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/8/2018 7:40:00 AM
Trichloroethene	2.7	0.81		ug/m3	1	3/8/2018 7:40:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/8/2018 7:40:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/8/2018 7:40:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	3/8/2018 7:40:00 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: *13-Mar-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	Chase-01-IA
Lab Order:	C1803021	**Tag Number:**	100 143
Project:	Bullshead Plaza Phase 2 ESA	**Collection Date:**	2/22/2018
Lab ID:	C1803021-002A	**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	3/8/2018 5:00:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/8/2018 5:00:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/8/2018 5:00:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/8/2018 5:00:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/8/2018 5:00:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/8/2018 5:00:00 AM
1,2,4-Trimethylbenzene	0.98	0.74		ug/m3	1	3/8/2018 5:00:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/8/2018 5:00:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 5:00:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/8/2018 5:00:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/8/2018 5:00:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/8/2018 5:00:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/8/2018 5:00:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 5:00:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 5:00:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/8/2018 5:00:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	3/8/2018 5:00:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/8/2018 5:00:00 AM
Acetone	44	7.1		ug/m3	10	3/8/2018 7:09:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/8/2018 5:00:00 AM
Benzene	1.1	0.48		ug/m3	1	3/8/2018 5:00:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/8/2018 5:00:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/8/2018 5:00:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/8/2018 5:00:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/8/2018 5:00:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/8/2018 5:00:00 AM
Carbon tetrachloride	0.57	0.19		ug/m3	1	3/8/2018 5:00:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/8/2018 5:00:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/8/2018 5:00:00 AM
Chloroform	0.59	0.73	J	ug/m3	1	3/8/2018 5:00:00 AM
Chloromethane	1.3	0.31		ug/m3	1	3/8/2018 5:00:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/8/2018 5:00:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/8/2018 5:00:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	3/8/2018 5:00:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/8/2018 5:00:00 AM
Ethyl acetate	1.1	0.54		ug/m3	1	3/8/2018 5:00:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	3/8/2018 5:00:00 AM
Freon 11	1.6	0.84		ug/m3	1	3/8/2018 5:00:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/8/2018 5:00:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/8/2018 5:00:00 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: *13-Mar-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	Chase-01-IA
Lab Order:	C1803021	**Tag Number:**	100 143
Project:	Bullshead Plaza Phase 2 ESA	**Collection Date:**	2/22/2018
Lab ID:	C1803021-002A	**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	4.9	0.74		ug/m3	1	3/8/2018 5:00:00 AM
Heptane	0.66	0.61		ug/m3	1	3/8/2018 5:00:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/8/2018 5:00:00 AM
Hexane	5.1	0.53		ug/m3	1	3/8/2018 5:00:00 AM
Isopropyl alcohol	49	3.7		ug/m3	10	3/8/2018 7:09:00 PM
m&p-Xylene	1.3	1.3		ug/m3	1	3/8/2018 5:00:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/8/2018 5:00:00 AM
Methyl Ethyl Ketone	2.4	0.88		ug/m3	1	3/8/2018 5:00:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/8/2018 5:00:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/8/2018 5:00:00 AM
Methylene chloride	2.5	0.52		ug/m3	1	3/8/2018 5:00:00 AM
o-Xylene	0.56	0.65	J	ug/m3	1	3/8/2018 5:00:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/8/2018 5:00:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/8/2018 5:00:00 AM
Tetrachloroethylene	1.4	1.0		ug/m3	1	3/8/2018 5:00:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/8/2018 5:00:00 AM
Toluene	3.7	0.57		ug/m3	1	3/8/2018 5:00:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/8/2018 5:00:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/8/2018 5:00:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	3/8/2018 5:00:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/8/2018 5:00:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/8/2018 5:00:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/8/2018 5:00:00 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: *13-Mar-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	Kicks-01-SVI
Lab Order:	C1803021	**Tag Number:**	139 310
Project:	Bullshead Plaza Phase 2 ESA	**Collection Date:**	2/22/2018
Lab ID:	C1803021-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	3/8/2018 1:16:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/8/2018 1:16:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/8/2018 1:16:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/8/2018 1:16:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/8/2018 1:16:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/8/2018 1:16:00 PM
1,2,4-Trimethylbenzene	3.1	0.74		ug/m3	1	3/8/2018 1:16:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/8/2018 1:16:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 1:16:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/8/2018 1:16:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/8/2018 1:16:00 PM
1,3,5-Trimethylbenzene	1.9	0.74		ug/m3	1	3/8/2018 1:16:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/8/2018 1:16:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 1:16:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 1:16:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/8/2018 1:16:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	3/8/2018 1:16:00 PM
4-ethyltoluene	0.79	0.74		ug/m3	1	3/8/2018 1:16:00 PM
Acetone	140	64		ug/m3	90	3/8/2018 10:17:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/8/2018 1:16:00 PM
Benzene	39	4.5		ug/m3	9	3/8/2018 9:40:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/8/2018 1:16:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/8/2018 1:16:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/8/2018 1:16:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/8/2018 1:16:00 PM
Carbon disulfide	21	4.4		ug/m3	9	3/8/2018 9:40:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	3/8/2018 1:16:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/8/2018 1:16:00 PM
Chloroethane	0.47	0.40		ug/m3	1	3/8/2018 1:16:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	3/8/2018 1:16:00 PM
Chloromethane	0.52	0.31		ug/m3	1	3/8/2018 1:16:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/8/2018 1:16:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/8/2018 1:16:00 PM
Cyclohexane	230	48		ug/m3	90	3/8/2018 10:17:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/8/2018 1:16:00 PM
Ethyl acetate	< 0.54	0.54		ug/m3	1	3/8/2018 1:16:00 PM
Ethylbenzene	3.4	0.65		ug/m3	1	3/8/2018 1:16:00 PM
Freon 11	1.6	0.84		ug/m3	1	3/8/2018 1:16:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/8/2018 1:16:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/8/2018 1:16:00 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: *13-Mar-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	Kicks-01-SVI
Lab Order:	C1803021	**Tag Number:**	139 310
Project:	Bullshead Plaza Phase 2 ESA	**Collection Date:**	2/22/2018
Lab ID:	C1803021-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	30	6.9		ug/m3	9	3/8/2018 9:40:00 PM
Heptane	440	57		ug/m3	90	3/8/2018 10:17:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/8/2018 1:16:00 PM
Hexane	900	95		ug/m3	180	3/8/2018 10:54:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/8/2018 1:16:00 PM
m&p-Xylene	6.5	1.3		ug/m3	1	3/8/2018 1:16:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/8/2018 1:16:00 PM
Methyl Ethyl Ketone	19	8.0		ug/m3	9	3/8/2018 9:40:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/8/2018 1:16:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/8/2018 1:16:00 PM
Methylene chloride	9.1	4.9		ug/m3	9	3/8/2018 9:40:00 PM
o-Xylene	1.6	0.65		ug/m3	1	3/8/2018 1:16:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/8/2018 1:16:00 PM
Styrene	< 0.64	0.64		ug/m3	1	3/8/2018 1:16:00 PM
Tetrachloroethylene	9.8	1.0		ug/m3	1	3/8/2018 1:16:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/8/2018 1:16:00 PM
Toluene	92	53		ug/m3	90	3/8/2018 10:17:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/8/2018 1:16:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/8/2018 1:16:00 PM
Trichloroethene	6.0	0.81		ug/m3	1	3/8/2018 1:16:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/8/2018 1:16:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/8/2018 1:16:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	3/8/2018 1:16:00 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: *13-Mar-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	Kicks-01-IA
Lab Order:	C1803021	**Tag Number:**	599 147
Project:	Bullshead Plaza Phase 2 ESA	**Collection Date:**	2/22/2018
Lab ID:	C1803021-004A	**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	3/8/2018 5:40:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/8/2018 5:40:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/8/2018 5:40:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/8/2018 5:40:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/8/2018 5:40:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/8/2018 5:40:00 AM
1,2,4-Trimethylbenzene	0.79	0.74		ug/m3	1	3/8/2018 5:40:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/8/2018 5:40:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 5:40:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/8/2018 5:40:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/8/2018 5:40:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/8/2018 5:40:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/8/2018 5:40:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 5:40:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 5:40:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/8/2018 5:40:00 AM
2,2,4-trimethylpentane	0.47	0.70	J	ug/m3	1	3/8/2018 5:40:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/8/2018 5:40:00 AM
Acetone	22	3.6		ug/m3	5	3/8/2018 7:46:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/8/2018 5:40:00 AM
Benzene	1.0	0.48		ug/m3	1	3/8/2018 5:40:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/8/2018 5:40:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/8/2018 5:40:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/8/2018 5:40:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/8/2018 5:40:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/8/2018 5:40:00 AM
Carbon tetrachloride	0.57	0.19		ug/m3	1	3/8/2018 5:40:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/8/2018 5:40:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/8/2018 5:40:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	3/8/2018 5:40:00 AM
Chloromethane	1.0	0.31		ug/m3	1	3/8/2018 5:40:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/8/2018 5:40:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/8/2018 5:40:00 AM
Cyclohexane	0.52	0.52		ug/m3	1	3/8/2018 5:40:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/8/2018 5:40:00 AM
Ethyl acetate	2.8	0.54		ug/m3	1	3/8/2018 5:40:00 AM
Ethylbenzene	0.48	0.65	J	ug/m3	1	3/8/2018 5:40:00 AM
Freon 11	1.5	0.84		ug/m3	1	3/8/2018 5:40:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/8/2018 5:40:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/8/2018 5:40:00 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: *13-Mar-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	Kicks-01-IA
Lab Order:	C1803021	**Tag Number:**	599 147
Project:	Bullshead Plaza Phase 2 ESA	**Collection Date:**	2/22/2018
Lab ID:	C1803021-004A	**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	3.3	0.74		ug/m3	1	3/8/2018 5:40:00 AM
Heptane	0.70	0.61		ug/m3	1	3/8/2018 5:40:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/8/2018 5:40:00 AM
Hexane	4.5	0.53		ug/m3	1	3/8/2018 5:40:00 AM
Isopropyl alcohol	5.4	0.37		ug/m3	1	3/8/2018 5:40:00 AM
m&p-Xylene	1.5	1.3		ug/m3	1	3/8/2018 5:40:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/8/2018 5:40:00 AM
Methyl Ethyl Ketone	4.1	0.88		ug/m3	1	3/8/2018 5:40:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/8/2018 5:40:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/8/2018 5:40:00 AM
Methylene chloride	1.4	0.52		ug/m3	1	3/8/2018 5:40:00 AM
o-Xylene	0.65	0.65		ug/m3	1	3/8/2018 5:40:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/8/2018 5:40:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/8/2018 5:40:00 AM
Tetrachloroethylene	2.0	1.0		ug/m3	1	3/8/2018 5:40:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/8/2018 5:40:00 AM
Toluene	6.1	0.57		ug/m3	1	3/8/2018 5:40:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/8/2018 5:40:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/8/2018 5:40:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	3/8/2018 5:40:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/8/2018 5:40:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/8/2018 5:40:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/8/2018 5:40:00 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: *13-Mar-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	Kicks-02-SVI
Lab Order:	C1803021	**Tag Number:**	191 300
Project:	Bullshead Plaza Phase 2 ESA	**Collection Date:**	2/22/2018
Lab ID:	C1803021-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	3/8/2018 1:56:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/8/2018 1:56:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/8/2018 1:56:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/8/2018 1:56:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/8/2018 1:56:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/8/2018 1:56:00 PM
1,2,4-Trimethylbenzene	3.3	0.74		ug/m3	1	3/8/2018 1:56:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/8/2018 1:56:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 1:56:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/8/2018 1:56:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/8/2018 1:56:00 PM
1,3,5-Trimethylbenzene	2.7	0.74		ug/m3	1	3/8/2018 1:56:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/8/2018 1:56:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 1:56:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 1:56:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/8/2018 1:56:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	3/8/2018 1:56:00 PM
4-ethyltoluene	0.93	0.74		ug/m3	1	3/8/2018 1:56:00 PM
Acetone	130	64		ug/m3	90	3/9/2018 12:11:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/8/2018 1:56:00 PM
Benzene	32	4.5		ug/m3	9	3/8/2018 11:34:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/8/2018 1:56:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/8/2018 1:56:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/8/2018 1:56:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/8/2018 1:56:00 PM
Carbon disulfide	48	4.4		ug/m3	9	3/8/2018 11:34:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	3/8/2018 1:56:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/8/2018 1:56:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/8/2018 1:56:00 PM
Chloroform	5.5	0.73		ug/m3	1	3/8/2018 1:56:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	3/8/2018 1:56:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/8/2018 1:56:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/8/2018 1:56:00 PM
Cyclohexane	71	48		ug/m3	90	3/9/2018 12:11:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/8/2018 1:56:00 PM
Ethyl acetate	1.9	0.54		ug/m3	1	3/8/2018 1:56:00 PM
Ethylbenzene	7.3	0.65		ug/m3	1	3/8/2018 1:56:00 PM
Freon 11	1.6	0.84		ug/m3	1	3/8/2018 1:56:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/8/2018 1:56:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/8/2018 1:56:00 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: *13-Mar-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	Kicks-02-SVI
Lab Order:	C1803021	**Tag Number:**	191 300
Project:	Bullshead Plaza Phase 2 ESA	**Collection Date:**	2/22/2018
Lab ID:	C1803021-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	6.3	0.74		ug/m3	1	3/8/2018 1:56:00 PM
Heptane	130	57		ug/m3	90	3/9/2018 12:11:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/8/2018 1:56:00 PM
Hexane	200	49		ug/m3	90	3/9/2018 12:11:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/8/2018 1:56:00 PM
m&p-Xylene	22	12		ug/m3	9	3/8/2018 11:34:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/8/2018 1:56:00 PM
Methyl Ethyl Ketone	11	8.0		ug/m3	9	3/8/2018 11:34:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/8/2018 1:56:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/8/2018 1:56:00 PM
Methylene chloride	4.3	0.52		ug/m3	1	3/8/2018 1:56:00 PM
o-Xylene	5.9	0.65		ug/m3	1	3/8/2018 1:56:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/8/2018 1:56:00 PM
Styrene	< 0.64	0.64		ug/m3	1	3/8/2018 1:56:00 PM
Tetrachloroethylene	110	9.5		ug/m3	9	3/8/2018 11:34:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/8/2018 1:56:00 PM
Toluene	88	53		ug/m3	90	3/9/2018 12:11:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/8/2018 1:56:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/8/2018 1:56:00 PM
Trichloroethene	2.4	0.81		ug/m3	1	3/8/2018 1:56:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/8/2018 1:56:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/8/2018 1:56:00 PM
Vinyl chloride	0.49	0.38		ug/m3	1	3/8/2018 1:56:00 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: *13-Mar-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	Kicks-02-IA
Lab Order:	C1803021	**Tag Number:**	192 149
Project:	Bullshead Plaza Phase 2 ESA	**Collection Date:**	2/22/2018
Lab ID:	C1803021-006A	**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	3/8/2018 6:20:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/8/2018 6:20:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/8/2018 6:20:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/8/2018 6:20:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/8/2018 6:20:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/8/2018 6:20:00 AM
1,2,4-Trimethylbenzene	0.69	0.74	J	ug/m3	1	3/8/2018 6:20:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/8/2018 6:20:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 6:20:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/8/2018 6:20:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/8/2018 6:20:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/8/2018 6:20:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/8/2018 6:20:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 6:20:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 6:20:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/8/2018 6:20:00 AM
2,2,4-trimethylpentane	0.51	0.70	J	ug/m3	1	3/8/2018 6:20:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/8/2018 6:20:00 AM
Acetone	52	7.1		ug/m3	10	3/8/2018 8:23:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/8/2018 6:20:00 AM
Benzene	1.0	0.48		ug/m3	1	3/8/2018 6:20:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/8/2018 6:20:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/8/2018 6:20:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/8/2018 6:20:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/8/2018 6:20:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/8/2018 6:20:00 AM
Carbon tetrachloride	0.50	0.19		ug/m3	1	3/8/2018 6:20:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/8/2018 6:20:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/8/2018 6:20:00 AM
Chloroform	0.68	0.73	J	ug/m3	1	3/8/2018 6:20:00 AM
Chloromethane	0.97	0.31		ug/m3	1	3/8/2018 6:20:00 AM
cis-1,2-Dichloroethene	0.20	0.16		ug/m3	1	3/8/2018 6:20:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/8/2018 6:20:00 AM
Cyclohexane	0.69	0.52		ug/m3	1	3/8/2018 6:20:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/8/2018 6:20:00 AM
Ethyl acetate	4.1	0.54		ug/m3	1	3/8/2018 6:20:00 AM
Ethylbenzene	0.74	0.65		ug/m3	1	3/8/2018 6:20:00 AM
Freon 11	1.3	0.84		ug/m3	1	3/8/2018 6:20:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/8/2018 6:20:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/8/2018 6:20:00 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: *13-Mar-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	Kicks-02-IA
Lab Order:	C1803021	**Tag Number:**	192 149
Project:	Bullshead Plaza Phase 2 ESA	**Collection Date:**	2/22/2018
Lab ID:	C1803021-006A	**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	2.9	0.74		ug/m3	1	3/8/2018 6:20:00 AM
Heptane	0.74	0.61		ug/m3	1	3/8/2018 6:20:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/8/2018 6:20:00 AM
Hexane	4.3	0.53		ug/m3	1	3/8/2018 6:20:00 AM
Isopropyl alcohol	8.6	3.7		ug/m3	10	3/8/2018 8:23:00 PM
m&p-Xylene	2.2	1.3		ug/m3	1	3/8/2018 6:20:00 AM
Methyl Butyl Ketone	0.49	1.2	J	ug/m3	1	3/8/2018 6:20:00 AM
Methyl Ethyl Ketone	6.8	8.8	J	ug/m3	10	3/8/2018 8:23:00 PM
Methyl Isobutyl Ketone	0.53	1.2	J	ug/m3	1	3/8/2018 6:20:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/8/2018 6:20:00 AM
Methylene chloride	1.8	0.52		ug/m3	1	3/8/2018 6:20:00 AM
o-Xylene	0.91	0.65		ug/m3	1	3/8/2018 6:20:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/8/2018 6:20:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/8/2018 6:20:00 AM
Tetrachloroethylene	2.7	1.0		ug/m3	1	3/8/2018 6:20:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/8/2018 6:20:00 AM
Toluene	4.7	0.57		ug/m3	1	3/8/2018 6:20:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/8/2018 6:20:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/8/2018 6:20:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	3/8/2018 6:20:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/8/2018 6:20:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/8/2018 6:20:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/8/2018 6:20:00 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: *13-Mar-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	Dupe
Lab Order:	C1803021	**Tag Number:**	86 300
Project:	Bullshead Plaza Phase 2 ESA	**Collection Date:**	2/22/2018
Lab ID:	C1803021-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	3/8/2018 2:37:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/8/2018 2:37:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/8/2018 2:37:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/8/2018 2:37:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/8/2018 2:37:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/8/2018 2:37:00 PM
1,2,4-Trimethylbenzene	3.5	0.74		ug/m3	1	3/8/2018 2:37:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/8/2018 2:37:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 2:37:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/8/2018 2:37:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/8/2018 2:37:00 PM
1,3,5-Trimethylbenzene	2.8	0.74		ug/m3	1	3/8/2018 2:37:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/8/2018 2:37:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 2:37:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 2:37:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/8/2018 2:37:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	3/8/2018 2:37:00 PM
4-ethyltoluene	1.0	0.74		ug/m3	1	3/8/2018 2:37:00 PM
Acetone	210	64		ug/m3	90	3/9/2018 1:28:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/8/2018 2:37:00 PM
Benzene	29	4.5		ug/m3	9	3/9/2018 12:51:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/8/2018 2:37:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/8/2018 2:37:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/8/2018 2:37:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/8/2018 2:37:00 PM
Carbon disulfide	44	4.4		ug/m3	9	3/9/2018 12:51:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	3/8/2018 2:37:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/8/2018 2:37:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/8/2018 2:37:00 PM
Chloroform	5.9	0.73		ug/m3	1	3/8/2018 2:37:00 PM
Chloromethane	0.25	0.31	J	ug/m3	1	3/8/2018 2:37:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/8/2018 2:37:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/8/2018 2:37:00 PM
Cyclohexane	68	48		ug/m3	90	3/9/2018 1:28:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/8/2018 2:37:00 PM
Ethyl acetate	1.8	0.54		ug/m3	1	3/8/2018 2:37:00 PM
Ethylbenzene	8.0	0.65		ug/m3	1	3/8/2018 2:37:00 PM
Freon 11	1.7	0.84		ug/m3	1	3/8/2018 2:37:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/8/2018 2:37:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/8/2018 2:37:00 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: *13-Mar-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	Dupe
Lab Order:	C1803021	**Tag Number:**	86 300
Project:	Bullshead Plaza Phase 2 ESA	**Collection Date:**	2/22/2018
Lab ID:	C1803021-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	6.3	0.74		ug/m3	1	3/8/2018 2:37:00 PM
Heptane	130	57		ug/m3	90	3/9/2018 1:28:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/8/2018 2:37:00 PM
Hexane	180	49		ug/m3	90	3/9/2018 1:28:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/8/2018 2:37:00 PM
m&p-Xylene	20	12		ug/m3	9	3/9/2018 12:51:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/8/2018 2:37:00 PM
Methyl Ethyl Ketone	11	8.0		ug/m3	9	3/9/2018 12:51:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/8/2018 2:37:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/8/2018 2:37:00 PM
Methylene chloride	4.0	0.52		ug/m3	1	3/8/2018 2:37:00 PM
o-Xylene	6.4	0.65		ug/m3	1	3/8/2018 2:37:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/8/2018 2:37:00 PM
Styrene	< 0.64	0.64		ug/m3	1	3/8/2018 2:37:00 PM
Tetrachloroethylene	100	9.5		ug/m3	9	3/9/2018 12:51:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/8/2018 2:37:00 PM
Toluene	81	53		ug/m3	90	3/9/2018 1:28:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/8/2018 2:37:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/8/2018 2:37:00 PM
Trichloroethene	2.6	0.81		ug/m3	1	3/8/2018 2:37:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/8/2018 2:37:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/8/2018 2:37:00 PM
Vinyl chloride	0.56	0.38		ug/m3	1	3/8/2018 2:37:00 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: *13-Mar-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	Outdoor Air-1
Lab Order:	C1803021	**Tag Number:**	245 172 159 173
Project:	Bullshead Plaza Phase 2 ESA	**Collection Date:**	2/22/2018
Lab ID:	C1803021-008A	**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	3/8/2018 2:48:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/8/2018 2:48:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/8/2018 2:48:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/8/2018 2:48:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/8/2018 2:48:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/8/2018 2:48:00 AM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/8/2018 2:48:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/8/2018 2:48:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 2:48:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/8/2018 2:48:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/8/2018 2:48:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/8/2018 2:48:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/8/2018 2:48:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 2:48:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/8/2018 2:48:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/8/2018 2:48:00 AM
2,2,4-trimethylpentane	0.89	0.70		ug/m3	1	3/8/2018 2:48:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/8/2018 2:48:00 AM
Acetone	12	3.6		ug/m3	5	3/8/2018 6:32:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/8/2018 2:48:00 AM
Benzene	1.4	0.48		ug/m3	1	3/8/2018 2:48:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/8/2018 2:48:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/8/2018 2:48:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/8/2018 2:48:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/8/2018 2:48:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/8/2018 2:48:00 AM
Carbon tetrachloride	0.57	0.19		ug/m3	1	3/8/2018 2:48:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/8/2018 2:48:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/8/2018 2:48:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	3/8/2018 2:48:00 AM
Chloromethane	0.99	0.31		ug/m3	1	3/8/2018 2:48:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/8/2018 2:48:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/8/2018 2:48:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	3/8/2018 2:48:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/8/2018 2:48:00 AM
Ethyl acetate	< 0.54	0.54		ug/m3	1	3/8/2018 2:48:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	3/8/2018 2:48:00 AM
Freon 11	1.4	0.84		ug/m3	1	3/8/2018 2:48:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/8/2018 2:48:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/8/2018 2:48:00 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: *13-Mar-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	Outdoor Air-1
Lab Order:	C1803021	**Tag Number:**	245 172 159 173
Project:	Bullshead Plaza Phase 2 ESA	**Collection Date:**	2/22/2018
Lab ID:	C1803021-008A	**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	3.0	0.74		ug/m3	1	3/8/2018 2:48:00 AM
Heptane	0.86	0.61		ug/m3	1	3/8/2018 2:48:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/8/2018 2:48:00 AM
Hexane	5.6	0.53		ug/m3	1	3/8/2018 2:48:00 AM
Isopropyl alcohol	1.3	0.37		ug/m3	1	3/8/2018 2:48:00 AM
m&p-Xylene	1.0	1.3	J	ug/m3	1	3/8/2018 2:48:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/8/2018 2:48:00 AM
Methyl Ethyl Ketone	0.77	0.88	J	ug/m3	1	3/8/2018 2:48:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/8/2018 2:48:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/8/2018 2:48:00 AM
Methylene chloride	1.7	0.52		ug/m3	1	3/8/2018 2:48:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	3/8/2018 2:48:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/8/2018 2:48:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/8/2018 2:48:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/8/2018 2:48:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/8/2018 2:48:00 AM
Toluene	2.6	0.57		ug/m3	1	3/8/2018 2:48:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/8/2018 2:48:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/8/2018 2:48:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	3/8/2018 2:48:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/8/2018 2:48:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/8/2018 2:48:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/8/2018 2:48:00 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: *02-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	UR-SVI-01
Lab Order:	C1803066	**Tag Number:**	1206.298
Project:	Bullshead Plaza Phase II	**Collection Date:**	3/21/2018
Lab ID:	C1803066-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	3.4	0.82		ug/m3	1	3/26/2018 8:50:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/26/2018 8:50:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/26/2018 8:50:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/26/2018 8:50:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/26/2018 8:50:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/26/2018 8:50:00 PM
1,2,4-Trimethylbenzene	4.2	0.74		ug/m3	1	3/26/2018 8:50:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/26/2018 8:50:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/26/2018 8:50:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/26/2018 8:50:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/26/2018 8:50:00 PM
1,3,5-Trimethylbenzene	1.7	0.74		ug/m3	1	3/26/2018 8:50:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/26/2018 8:50:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/26/2018 8:50:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/26/2018 8:50:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/26/2018 8:50:00 PM
2,2,4-trimethylpentane	0.61	0.70	J	ug/m3	1	3/26/2018 8:50:00 PM
4-ethyltoluene	1.0	0.74		ug/m3	1	3/26/2018 8:50:00 PM
Acetone	41	7.1		ug/m3	10	3/27/2018 4:53:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/26/2018 8:50:00 PM
Benzene	3.7	0.48		ug/m3	1	3/26/2018 8:50:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/26/2018 8:50:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/26/2018 8:50:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/26/2018 8:50:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/26/2018 8:50:00 PM
Carbon disulfide	3.3	0.47		ug/m3	1	3/26/2018 8:50:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	3/26/2018 8:50:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/26/2018 8:50:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/26/2018 8:50:00 PM
Chloroform	1.1	0.73		ug/m3	1	3/26/2018 8:50:00 PM
Chloromethane	0.35	0.31		ug/m3	1	3/26/2018 8:50:00 PM
cis-1,2-Dichloroethene	0.63	0.59		ug/m3	1	3/26/2018 8:50:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/26/2018 8:50:00 PM
Cyclohexane	5.0	0.52		ug/m3	1	3/26/2018 8:50:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/26/2018 8:50:00 PM
Ethyl acetate	3.9	0.54		ug/m3	1	3/26/2018 8:50:00 PM
Ethylbenzene	4.3	0.65		ug/m3	1	3/26/2018 8:50:00 PM
Freon 11	1.1	0.84		ug/m3	1	3/26/2018 8:50:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/26/2018 8:50:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/26/2018 8:50:00 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: *02-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	UR-SVI-01
Lab Order:	C1803066	**Tag Number:**	1206.298
Project:	Bullshead Plaza Phase II	**Collection Date:**	3/21/2018
Lab ID:	C1803066-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	4.6	0.74		ug/m3	1	3/26/2018 8:50:00 PM
Heptane	7.4	6.1		ug/m3	10	3/27/2018 4:53:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/26/2018 8:50:00 PM
Hexane	17	5.3		ug/m3	10	3/27/2018 4:53:00 AM
Isopropyl alcohol	22	3.7		ug/m3	10	3/27/2018 4:53:00 AM
m&p-Xylene	15	1.3		ug/m3	1	3/26/2018 8:50:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/26/2018 8:50:00 PM
Methyl Ethyl Ketone	4.5	0.88		ug/m3	1	3/26/2018 8:50:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/26/2018 8:50:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/26/2018 8:50:00 PM
Methylene chloride	3.3	0.52		ug/m3	1	3/26/2018 8:50:00 PM
o-Xylene	4.1	0.65		ug/m3	1	3/26/2018 8:50:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/26/2018 8:50:00 PM
Styrene	1.3	0.64		ug/m3	1	3/26/2018 8:50:00 PM
Tetrachloroethylene	1200	270		ug/m3	270	3/27/2018 8:31:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/26/2018 8:50:00 PM
Toluene	74	23		ug/m3	40	3/27/2018 5:30:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/26/2018 8:50:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/26/2018 8:50:00 PM
Trichloroethene	9.7	8.1		ug/m3	10	3/27/2018 4:53:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/26/2018 8:50:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/26/2018 8:50:00 PM
Vinyl chloride	0.36	0.38	J	ug/m3	1	3/26/2018 8:50:00 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: *02-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	UR-IA-01
Lab Order:	C1803066	**Tag Number:**	460.337
Project:	Bullshead Plaza Phase II	**Collection Date:**	3/21/2018
Lab ID:	C1803066-002A	**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	3/26/2018 5:25:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/26/2018 5:25:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/26/2018 5:25:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/26/2018 5:25:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/26/2018 5:25:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/26/2018 5:25:00 PM
1,2,4-Trimethylbenzene	0.54	0.74	J	ug/m3	1	3/26/2018 5:25:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/26/2018 5:25:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/26/2018 5:25:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/26/2018 5:25:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/26/2018 5:25:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/26/2018 5:25:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/26/2018 5:25:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/26/2018 5:25:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/26/2018 5:25:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/26/2018 5:25:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	3/26/2018 5:25:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/26/2018 5:25:00 PM
Acetone	24	7.1		ug/m3	10	3/27/2018 12:34:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/26/2018 5:25:00 PM
Benzene	0.70	0.48		ug/m3	1	3/26/2018 5:25:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/26/2018 5:25:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/26/2018 5:25:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/26/2018 5:25:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/26/2018 5:25:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/26/2018 5:25:00 PM
Carbon tetrachloride	0.44	0.19		ug/m3	1	3/26/2018 5:25:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/26/2018 5:25:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/26/2018 5:25:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	3/26/2018 5:25:00 PM
Chloromethane	0.74	0.31		ug/m3	1	3/26/2018 5:25:00 PM
cis-1,2-Dichloroethene	0.16	0.16		ug/m3	1	3/26/2018 5:25:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/26/2018 5:25:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	3/26/2018 5:25:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/26/2018 5:25:00 PM
Ethyl acetate	0.61	0.54		ug/m3	1	3/26/2018 5:25:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	3/26/2018 5:25:00 PM
Freon 11	1.1	0.84		ug/m3	1	3/26/2018 5:25:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/26/2018 5:25:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/26/2018 5:25:00 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: *02-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	UR-IA-01
Lab Order:	C1803066	**Tag Number:**	460.337
Project:	Bullshead Plaza Phase II	**Collection Date:**	3/21/2018
Lab ID:	C1803066-002A	**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	4.9	0.74		ug/m3	1	3/26/2018 5:25:00 PM
Heptane	0.45	0.61	J	ug/m3	1	3/26/2018 5:25:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/26/2018 5:25:00 PM
Hexane	1.0	0.53		ug/m3	1	3/26/2018 5:25:00 PM
Isopropyl alcohol	19	3.7		ug/m3	10	3/27/2018 12:34:00 AM
m&p-Xylene	0.43	1.3	J	ug/m3	1	3/26/2018 5:25:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/26/2018 5:25:00 PM
Methyl Ethyl Ketone	0.83	0.88	J	ug/m3	1	3/26/2018 5:25:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/26/2018 5:25:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/26/2018 5:25:00 PM
Methylene chloride	0.63	0.52		ug/m3	1	3/26/2018 5:25:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	3/26/2018 5:25:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/26/2018 5:25:00 PM
Styrene	< 0.64	0.64		ug/m3	1	3/26/2018 5:25:00 PM
Tetrachloroethylene	110	10		ug/m3	10	3/27/2018 12:34:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/26/2018 5:25:00 PM
Toluene	1.8	0.57		ug/m3	1	3/26/2018 5:25:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/26/2018 5:25:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/26/2018 5:25:00 PM
Trichloroethene	0.38	0.16		ug/m3	1	3/26/2018 5:25:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/26/2018 5:25:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/26/2018 5:25:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/26/2018 5:25:00 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: *02-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	UR-SVI-02
Lab Order:	C1803066	**Tag Number:**	241.278
Project:	Bullshead Plaza Phase II	**Collection Date:**	3/21/2018
Lab ID:	C1803066-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	8.7	0.82		ug/m3	1	3/26/2018 7:28:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/26/2018 7:28:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/26/2018 7:28:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/26/2018 7:28:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/26/2018 7:28:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/26/2018 7:28:00 PM
1,2,4-Trimethylbenzene	2.9	0.74		ug/m3	1	3/26/2018 7:28:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/26/2018 7:28:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/26/2018 7:28:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/26/2018 7:28:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/26/2018 7:28:00 PM
1,3,5-Trimethylbenzene	2.4	0.74		ug/m3	1	3/26/2018 7:28:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/26/2018 7:28:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/26/2018 7:28:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/26/2018 7:28:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/26/2018 7:28:00 PM
2,2,4-trimethylpentane	0.56	0.70	J	ug/m3	1	3/26/2018 7:28:00 PM
4-ethyltoluene	0.64	0.74	J	ug/m3	1	3/26/2018 7:28:00 PM
Acetone	120	28		ug/m3	40	3/27/2018 3:02:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/26/2018 7:28:00 PM
Benzene	9.6	4.8		ug/m3	10	3/27/2018 2:25:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/26/2018 7:28:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/26/2018 7:28:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/26/2018 7:28:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/26/2018 7:28:00 PM
Carbon disulfide	22	4.7		ug/m3	10	3/27/2018 2:25:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	3/26/2018 7:28:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/26/2018 7:28:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/26/2018 7:28:00 PM
Chloroform	0.83	0.73		ug/m3	1	3/26/2018 7:28:00 PM
Chloromethane	0.47	0.31		ug/m3	1	3/26/2018 7:28:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/26/2018 7:28:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/26/2018 7:28:00 PM
Cyclohexane	14	5.2		ug/m3	10	3/27/2018 2:25:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/26/2018 7:28:00 PM
Ethyl acetate	< 0.54	0.54		ug/m3	1	3/26/2018 7:28:00 PM
Ethylbenzene	2.4	0.65		ug/m3	1	3/26/2018 7:28:00 PM
Freon 11	1.1	0.84		ug/m3	1	3/26/2018 7:28:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/26/2018 7:28:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/26/2018 7:28:00 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: *02-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	UR-SVI-02
Lab Order:	C1803066	**Tag Number:**	241.278
Project:	Bullshead Plaza Phase II	**Collection Date:**	3/21/2018
Lab ID:	C1803066-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	4.1	0.74		ug/m3	1	3/26/2018 7:28:00 PM
Heptane	36	6.1		ug/m3	10	3/27/2018 2:25:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/26/2018 7:28:00 PM
Hexane	46	5.3		ug/m3	10	3/27/2018 2:25:00 AM
Isopropyl alcohol	38	3.7		ug/m3	10	3/27/2018 2:25:00 AM
m&p-Xylene	6.9	1.3		ug/m3	1	3/26/2018 7:28:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/26/2018 7:28:00 PM
Methyl Ethyl Ketone	8.0	8.8	J	ug/m3	10	3/27/2018 2:25:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/26/2018 7:28:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/26/2018 7:28:00 PM
Methylene chloride	1.3	0.52		ug/m3	1	3/26/2018 7:28:00 PM
o-Xylene	1.8	0.65		ug/m3	1	3/26/2018 7:28:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/26/2018 7:28:00 PM
Styrene	0.89	0.64		ug/m3	1	3/26/2018 7:28:00 PM
Tetrachloroethylene	16000	2400		ug/m3	2430	3/27/2018 7:17:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/26/2018 7:28:00 PM
Toluene	73	5.7		ug/m3	10	3/27/2018 2:25:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/26/2018 7:28:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/26/2018 7:28:00 PM
Trichloroethene	19	8.1		ug/m3	10	3/27/2018 2:25:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/26/2018 7:28:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/26/2018 7:28:00 PM
Vinyl chloride	0.79	0.38		ug/m3	1	3/26/2018 7:28:00 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: *02-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	UR-IA-02
Lab Order:	C1803066	**Tag Number:**	141.176
Project:	Bullshead Plaza Phase II	**Collection Date:**	3/21/2018
Lab ID:	C1803066-004A	**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	3/26/2018 6:06:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/26/2018 6:06:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/26/2018 6:06:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/26/2018 6:06:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/26/2018 6:06:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/26/2018 6:06:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/26/2018 6:06:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/26/2018 6:06:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/26/2018 6:06:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/26/2018 6:06:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/26/2018 6:06:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/26/2018 6:06:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/26/2018 6:06:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/26/2018 6:06:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/26/2018 6:06:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/26/2018 6:06:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	3/26/2018 6:06:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/26/2018 6:06:00 PM
Acetone	16	7.1		ug/m3	10	3/27/2018 1:11:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/26/2018 6:06:00 PM
Benzene	0.73	0.48		ug/m3	1	3/26/2018 6:06:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/26/2018 6:06:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/26/2018 6:06:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/26/2018 6:06:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/26/2018 6:06:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/26/2018 6:06:00 PM
Carbon tetrachloride	0.38	0.19		ug/m3	1	3/26/2018 6:06:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/26/2018 6:06:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/26/2018 6:06:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	3/26/2018 6:06:00 PM
Chloromethane	0.74	0.31		ug/m3	1	3/26/2018 6:06:00 PM
cis-1,2-Dichloroethene	0.16	0.16		ug/m3	1	3/26/2018 6:06:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/26/2018 6:06:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	3/26/2018 6:06:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/26/2018 6:06:00 PM
Ethyl acetate	0.50	0.54	J	ug/m3	1	3/26/2018 6:06:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	3/26/2018 6:06:00 PM
Freon 11	1.1	0.84		ug/m3	1	3/26/2018 6:06:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/26/2018 6:06:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/26/2018 6:06:00 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: *02-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	UR-IA-02
Lab Order:	C1803066	**Tag Number:**	141.176
Project:	Bullshead Plaza Phase II	**Collection Date:**	3/21/2018
Lab ID:	C1803066-004A	**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	5.0	0.74		ug/m3	1	3/26/2018 6:06:00 PM
Heptane	< 0.61	0.61		ug/m3	1	3/26/2018 6:06:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/26/2018 6:06:00 PM
Hexane	1.1	0.53		ug/m3	1	3/26/2018 6:06:00 PM
Isopropyl alcohol	31	3.7		ug/m3	10	3/27/2018 1:11:00 AM
m&p-Xylene	0.52	1.3	J	ug/m3	1	3/26/2018 6:06:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/26/2018 6:06:00 PM
Methyl Ethyl Ketone	0.86	0.88	J	ug/m3	1	3/26/2018 6:06:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/26/2018 6:06:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/26/2018 6:06:00 PM
Methylene chloride	0.49	0.52	J	ug/m3	1	3/26/2018 6:06:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	3/26/2018 6:06:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/26/2018 6:06:00 PM
Styrene	< 0.64	0.64		ug/m3	1	3/26/2018 6:06:00 PM
Tetrachloroethylene	100	10		ug/m3	10	3/27/2018 1:11:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/26/2018 6:06:00 PM
Toluene	2.1	0.57		ug/m3	1	3/26/2018 6:06:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/26/2018 6:06:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/26/2018 6:06:00 PM
Trichloroethene	0.32	0.16		ug/m3	1	3/26/2018 6:06:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/26/2018 6:06:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/26/2018 6:06:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/26/2018 6:06:00 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: *02-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	Duplicate
Lab Order:	C1803066	**Tag Number:**	136.278
Project:	Bullshead Plaza Phase II	**Collection Date:**	3/21/2018
Lab ID:	C1803066-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	8.8	0.82		ug/m3	1	3/26/2018 8:09:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/26/2018 8:09:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/26/2018 8:09:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/26/2018 8:09:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/26/2018 8:09:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/26/2018 8:09:00 PM
1,2,4-Trimethylbenzene	2.7	0.74		ug/m3	1	3/26/2018 8:09:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/26/2018 8:09:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/26/2018 8:09:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/26/2018 8:09:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/26/2018 8:09:00 PM
1,3,5-Trimethylbenzene	2.6	0.74		ug/m3	1	3/26/2018 8:09:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/26/2018 8:09:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/26/2018 8:09:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/26/2018 8:09:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/26/2018 8:09:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	3/26/2018 8:09:00 PM
4-ethyltoluene	0.59	0.74	J	ug/m3	1	3/26/2018 8:09:00 PM
Acetone	100	28		ug/m3	40	3/27/2018 4:16:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/26/2018 8:09:00 PM
Benzene	9.6	4.8		ug/m3	10	3/27/2018 3:39:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/26/2018 8:09:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/26/2018 8:09:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/26/2018 8:09:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/26/2018 8:09:00 PM
Carbon disulfide	23	4.7		ug/m3	10	3/27/2018 3:39:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	3/26/2018 8:09:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/26/2018 8:09:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/26/2018 8:09:00 PM
Chloroform	0.83	0.73		ug/m3	1	3/26/2018 8:09:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	3/26/2018 8:09:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/26/2018 8:09:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/26/2018 8:09:00 PM
Cyclohexane	13	5.2		ug/m3	10	3/27/2018 3:39:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/26/2018 8:09:00 PM
Ethyl acetate	2.5	0.54		ug/m3	1	3/26/2018 8:09:00 PM
Ethylbenzene	2.4	0.65		ug/m3	1	3/26/2018 8:09:00 PM
Freon 11	1.1	0.84		ug/m3	1	3/26/2018 8:09:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/26/2018 8:09:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/26/2018 8:09:00 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: *02-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	Duplicate
Lab Order:	C1803066	**Tag Number:**	136.278
Project:	Bullshead Plaza Phase II	**Collection Date:**	3/21/2018
Lab ID:	C1803066-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	4.4	0.74		ug/m3	1	3/26/2018 8:09:00 PM
Heptane	36	6.1		ug/m3	10	3/27/2018 3:39:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/26/2018 8:09:00 PM
Hexane	47	5.3		ug/m3	10	3/27/2018 3:39:00 AM
Isopropyl alcohol	36	3.7		ug/m3	10	3/27/2018 3:39:00 AM
m&p-Xylene	6.7	1.3		ug/m3	1	3/26/2018 8:09:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/26/2018 8:09:00 PM
Methyl Ethyl Ketone	7.4	8.8	J	ug/m3	10	3/27/2018 3:39:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/26/2018 8:09:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/26/2018 8:09:00 PM
Methylene chloride	1.5	0.52		ug/m3	1	3/26/2018 8:09:00 PM
o-Xylene	1.7	0.65		ug/m3	1	3/26/2018 8:09:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/26/2018 8:09:00 PM
Styrene	0.85	0.64		ug/m3	1	3/26/2018 8:09:00 PM
Tetrachloroethylene	17000	2400		ug/m3	2430	3/27/2018 7:54:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/26/2018 8:09:00 PM
Toluene	74	5.7		ug/m3	10	3/27/2018 3:39:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/26/2018 8:09:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/26/2018 8:09:00 PM
Trichloroethene	19	8.1		ug/m3	10	3/27/2018 3:39:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/26/2018 8:09:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/26/2018 8:09:00 PM
Vinyl chloride	0.82	0.38		ug/m3	1	3/26/2018 8:09:00 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: *02-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	Outdoor Air - UR
Lab Order:	C1803066	**Tag Number:**	350.1163
Project:	Bullshead Plaza Phase II	**Collection Date:**	3/21/2018
Lab ID:	C1803066-006A	**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	3/26/2018 6:47:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/26/2018 6:47:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/26/2018 6:47:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/26/2018 6:47:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/26/2018 6:47:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/26/2018 6:47:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/26/2018 6:47:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/26/2018 6:47:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/26/2018 6:47:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/26/2018 6:47:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/26/2018 6:47:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/26/2018 6:47:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/26/2018 6:47:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/26/2018 6:47:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/26/2018 6:47:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/26/2018 6:47:00 PM
2,2,4-trimethylpentane	0.51	0.70	J	ug/m3	1	3/26/2018 6:47:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/26/2018 6:47:00 PM
Acetone	12	7.1		ug/m3	10	3/27/2018 1:48:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/26/2018 6:47:00 PM
Benzene	0.77	0.48		ug/m3	1	3/26/2018 6:47:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/26/2018 6:47:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/26/2018 6:47:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/26/2018 6:47:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/26/2018 6:47:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/26/2018 6:47:00 PM
Carbon tetrachloride	0.44	0.19		ug/m3	1	3/26/2018 6:47:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/26/2018 6:47:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/26/2018 6:47:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	3/26/2018 6:47:00 PM
Chloromethane	0.76	0.31		ug/m3	1	3/26/2018 6:47:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/26/2018 6:47:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/26/2018 6:47:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	3/26/2018 6:47:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/26/2018 6:47:00 PM
Ethyl acetate	< 0.54	0.54		ug/m3	1	3/26/2018 6:47:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	3/26/2018 6:47:00 PM
Freon 11	1.2	0.84		ug/m3	1	3/26/2018 6:47:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/26/2018 6:47:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/26/2018 6:47:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
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H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
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S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *02-Apr-18*

CLIENT:	LaBella Associates, P.C.	**Client Sample ID:**	Outdoor Air - UR
Lab Order:	C1803066	**Tag Number:**	350.1163
Project:	Bullshead Plaza Phase II	**Collection Date:**	3/21/2018
Lab ID:	C1803066-006A	**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	4.7	0.74		ug/m3	1	3/26/2018 6:47:00 PM
Heptane	0.49	0.61	J	ug/m3	1	3/26/2018 6:47:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/26/2018 6:47:00 PM
Hexane	2.4	0.53		ug/m3	1	3/26/2018 6:47:00 PM
Isopropyl alcohol	1.5	0.37		ug/m3	1	3/26/2018 6:47:00 PM
m&p-Xylene	0.56	1.3	J	ug/m3	1	3/26/2018 6:47:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/26/2018 6:47:00 PM
Methyl Ethyl Ketone	0.68	0.88	J	ug/m3	1	3/26/2018 6:47:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/26/2018 6:47:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/26/2018 6:47:00 PM
Methylene chloride	0.59	0.52		ug/m3	1	3/26/2018 6:47:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	3/26/2018 6:47:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/26/2018 6:47:00 PM
Styrene	< 0.64	0.64		ug/m3	1	3/26/2018 6:47:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/26/2018 6:47:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/26/2018 6:47:00 PM
Toluene	2.4	0.57		ug/m3	1	3/26/2018 6:47:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/26/2018 6:47:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/26/2018 6:47:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	3/26/2018 6:47:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/26/2018 6:47:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/26/2018 6:47:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/26/2018 6:47:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
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