300 State Street, Suite 201 | Rochester, NY 14614 | p 585.454.6110 | f 585.454.3066 | www.labellapc.com

October 9, 2015

Frank Sowers, P.E.
Environmental Engineer II, Division of Environmental Remediation
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Re: July, August, and September 2015 Monthly Progress Report 3750 Monroe Avenue, Pittsford, New York
NYSDEC BCP Site #C828187
LaBella Project No. 213131

Dear Mr. Sowers:

LaBella Associates, D.P.C. ("LaBella") is pleased to submit this Monthly Progress Report (MPR) associated with the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site (BCP ID No. C828187) located at 3750 Monroe Avenue, Town of Pittsford, New York, hereinafter referred to as the "Site." This MPR discusses activities completed in the months of July, August, and September 2015, as well as activities planned for this month (October 2015).

#### *July 2015 Activities*

No field work was performed for the project during the month of July 2015.

A preliminary laboratory report associated with the First Round of Indoor Air and Sub-Slab Sampling [Section 5.3.1 of the Interim Remedial Measures (IRM) Work Plan], which was performed in June 2015. This lab report was previously provided to you via email and is included as an attachment to this MPR.

#### **August 2015 Activities**

No field work was performed for the project during the month of August 2015.

#### September 2015 Activities

No field work was performed for the project during the month of September 2015.

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#### Activities Planned for This Month

Commencement of field activities for the recently approved IRM Work Plan Amendment is planned for late October 2015. As of the date of this MPR, a firm schedule for this work has not been finalized and coordination between building tenants, subcontractors, and LaBella is currently underway. LaBella will notify you at least seven (7) days in advance of the start of field activities associated with the IRM Work Plan Amendment.

#### Approved Activity Modifications (changes of work scope and/or schedule)

No activity modifications were made during the month of July 2015.

An IRM Work Plan Amendment for the installation of additional Sub-Slab Depressurization System (SSDS) components was sent to the Department in August 2015 and was approved by you on September 18, 2015.

#### Sampling/Testing Results

A preliminary laboratory report associated with the First Round of Indoor Air and Sub-Slab Sampling (Section 5.3.1 of the IRM Work Plan), which was performed in June 2015. This lab report was previously provided to you via email and is included as an attachment to this MPR.

No laboratory sampling/testing results were received during the month of August 2015.

The Analytical Services Protocols (ASP) Category B lab report associated with the First Round of Indoor Air and Sub-Slab Sampling was received in September 2015. A copy of this report was forwarded to DATAVAL, Inc. for validation and is available to you upon request. The Data Usability Summary Report (DUSR) associated with the First Round of Indoor Air and Sub-Slab Sampling was received on October 5, 2015 and is included as an attachment to this MPR.

#### Unresolved Delays Encountered or Anticipated

There are currently no unresolved delays associated with the project.

#### Percentage of Completion

Implementation of the IRM associated with the SSDS installation and soil and groundwater sampling within the building footprint began December 2014, start-up of the SSDS occurred in April 2015, and the First Round of Indoor Air and Sub-Slab Sampling was performed in June 2015. Based upon the findings of the June 2015 sampling, an IRM Work Plan Amendment has been approved for the installation of additional SSDS components; this work is anticipated to begin in late October 2015.

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#### Activities Undertaken in Support of the Citizen Participation Plan

There were no activities undertaken in support of the Citizen Participation Plan in the months of July, August, or September 2015.

If you have any questions, or require additional information, please do not hesitate to contact me at (585) 295-6611.

Sincerely,

LABELLA ASSOCIATES, D.P.C.

Daniel P. Noll, P.E. Project Manager

**Attachments** 

#### DPN/KRM

cc: Lewis Norry – 3750 Monroe Avenue Associates, LLC
Rachel Rosen – Norry Management Corporation
James Mahoney – NYSDEC (e-copy only)
Bridget Boyd – NYSDOH (e-copy only)

J:\NORRY MANAGEMENT CORP\213131 - BCP APPLICATION 3750 MONROE AVE\REPORTS\MONTHLY PROGRESS REPORTS\JULY AUGUST SEPTEMBER 2015\2015\_10\_09\_JULY AUGUST SEPTEMBER MPR\_BCP\_C828187.DOCX

**Attachments** 

CLIENT: LaBella Associates, P.C. Client Sample ID: Concentrix-2-6-2015

 Lab Order:
 C1507008
 Tag Number:
 210,267

 Project:
 3750 Monroe
 Collection Date:
 6/28/2015

 Lab ID:
 C1507008-001A
 Matrix:
 AIR

Analyses	Result	**Limit Qu	al Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82	ug/m3	1	7/2/2015 3:42:00 PM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 3:42:00 PM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 3:42:00 PM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 3:42:00 PM
Chloroethane	< 0.40	0.40	ug/m3	1	7/2/2015 3:42:00 PM
cis-1,2-Dichloroethene	0.55	0.59 J	ug/m3	1	7/2/2015 3:42:00 PM
Tetrachloroethylene	< 1.0	1.0	ug/m3	1	7/2/2015 3:42:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 3:42:00 PM
Trichloroethene	0.70	0.21	ug/m3	1	7/2/2015 3:42:00 PM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/2/2015 3:42:00 PM

Qualifiers: \*\* Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected

E Value above quantitation range

J Analyte detected at or below quantitation limits

**Date:** 09-Jul-15

CLIENT: LaBella Associates, P.C. Client Sample ID: Volt-1-6-2015

 Lab Order:
 C1507008
 Tag Number:
 558,402

 Project:
 3750 Monroe
 Collection Date:
 6/28/2015

**Lab ID:** C1507008-002A **Matrix:** AIR

Analyses	Result	**Limit Qual	Units	DF	<b>Date Analyzed</b>
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15		Analyst: <b>RJP</b>	
1,1,1-Trichloroethane	< 0.82	0.82	ug/m3	1	7/2/2015 11:23:00 PM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 11:23:00 PM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 11:23:00 PM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 11:23:00 PM
Chloroethane	< 0.40	0.40	ug/m3	1	7/2/2015 11:23:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 11:23:00 PM
Tetrachloroethylene	< 1.0	1.0	ug/m3	1	7/2/2015 11:23:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 11:23:00 PM
Trichloroethene	0.59	0.21	ug/m3	1	7/2/2015 11:23:00 PM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/2/2015 11:23:00 PM

Qualifiers: \*\* Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected

E Value above quantitation range

J Analyte detected at or below quantitation limits

**Date:** 09-Jul-15

CLIENT: LaBella Associates, P.C. Client Sample ID: Volt-2-6-2015

 Lab Order:
 C1507008
 Tag Number:
 1187,262

 Project:
 3750 Monroe
 Collection Date:
 6/28/2015

**Lab ID:** C1507008-003A **Matrix:** AIR

Analyses	Result	**Limit Qu	ial Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15		Analyst: RJP	
1,1,1-Trichloroethane	< 0.82	0.82	ug/m3	1	7/3/2015 12:01:00 AM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/3/2015 12:01:00 AM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 12:01:00 AM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/3/2015 12:01:00 AM
Chloroethane	< 0.40	0.40	ug/m3	1	7/3/2015 12:01:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 12:01:00 AM
Tetrachloroethylene	< 1.0	1.0	ug/m3	1	7/3/2015 12:01:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 12:01:00 AM
Trichloroethene	0.59	0.21	ug/m3	1	7/3/2015 12:01:00 AM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/3/2015 12:01:00 AM

Qualifiers: \*\* Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

 $JN \quad \ \, Non-routine\ analyte.\ Quantitation\ estimated.$ 

S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected

E Value above quantitation range

J Analyte detected at or below quantitation limits

**Date:** 09-Jul-15

CLIENT: LaBella Associates, P.C. Client Sample ID: Outdoor Air-6-28-2015

 Lab Order:
 C1507008
 Tag Number:
 569,1168

 Project:
 3750 Monroe
 Collection Date:
 6/28/2015

 Lab ID:
 C1507008-004A
 Matrix:
 AIR

Analyses	Result	**Limit Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82	ug/m3	1	7/2/2015 5:43:00 PM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 5:43:00 PM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 5:43:00 PM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 5:43:00 PM
Chloroethane	< 0.40	0.40	ug/m3	1	7/2/2015 5:43:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 5:43:00 PM
Tetrachloroethylene	< 1.0	1.0	ug/m3	1	7/2/2015 5:43:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 5:43:00 PM
Trichloroethene	< 0.21	0.21	ug/m3	1	7/2/2015 5:43:00 PM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/2/2015 5:43:00 PM

Qualifiers: \*\* Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected

E Value above quantitation range

J Analyte detected at or below quantitation limits

**Date:** 09-Jul-15

CLIENT: LaBella Associates, P.C. Client Sample ID: Concentrix-3SVI--6-2015

 Lab Order:
 C1507008
 Tag Number:
 1175,1171

 Project:
 3750 Monroe
 Collection Date:
 6/28/2015

 Lab ID:
 C1507008-005A
 Matrix:
 AIR

Analyses	Result	**Limit Qua	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15		Analyst: RJP	
1,1,1-Trichloroethane	2.9	0.82	ug/m3	1	7/3/2015 12:39:00 AM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/3/2015 12:39:00 AM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 12:39:00 AM
1,2-Dichloroethane	0.61	0.61	ug/m3	1	7/3/2015 12:39:00 AM
Chloroethane	< 0.40	0.40	ug/m3	1	7/3/2015 12:39:00 AM
cis-1,2-Dichloroethene	1.3	0.59	ug/m3	1	7/3/2015 12:39:00 AM
Tetrachloroethylene	< 1.0	1.0	ug/m3	1	7/3/2015 12:39:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 12:39:00 AM
Trichloroethene	8.5	0.21	ug/m3	1	7/3/2015 12:39:00 AM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/3/2015 12:39:00 AM

Qualifiers: \*\* Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected

E Value above quantitation range

J Analyte detected at or below quantitation limits

**Date:** 09-Jul-15

CLIENT: LaBella Associates, P.C. Client Sample ID: Duplicate-6-2015

 Lab Order:
 C1507008
 Tag Number:
 93,400

 Project:
 3750 Monroe
 Collection Date:
 6/28/2015

 Lab ID:
 C1507008-006A
 Matrix:
 AIR

Analyses	Result	**Limit Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15		Analyst: RJP	
1,1,1-Trichloroethane	< 0.82	0.82	ug/m3	1	7/3/2015 1:18:00 AM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/3/2015 1:18:00 AM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 1:18:00 AM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/3/2015 1:18:00 AM
Chloroethane	< 0.40	0.40	ug/m3	1	7/3/2015 1:18:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 1:18:00 AM
Tetrachloroethylene	0.75	1.0 J	ug/m3	1	7/3/2015 1:18:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 1:18:00 AM
Trichloroethene	0.64	0.21	ug/m3	1	7/3/2015 1:18:00 AM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/3/2015 1:18:00 AM

Qualifiers: \*\* Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected

E Value above quantitation range

J Analyte detected at or below quantitation limits

**Date:** 09-Jul-15

CLIENT: LaBella Associates, P.C. Client Sample ID: Concentrix-3IAQ-6-2015

 Lab Order:
 C1507008
 Tag Number:
 1193,1163

 Project:
 3750 Monroe
 Collection Date:
 6/28/2015

 Lab ID:
 C1507008-007A
 Matrix:
 AIR

Analyses Result \*\*Limit Qual Units DF **Date Analyzed** 1UG/M3 W/ 0.25UG/M3 CT-TCE-VC **TO-15** Analyst: RJP 1,1,1-Trichloroethane < 0.82 0.82 ug/m3 1 7/2/2015 6:21:00 PM 1,1-Dichloroethane < 0.61 0.61 ug/m3 1 7/2/2015 6:21:00 PM 1,1-Dichloroethene < 0.59 0.59 ug/m3 1 7/2/2015 6:21:00 PM 1,2-Dichloroethane < 0.61 0.61 ug/m3 1 7/2/2015 6:21:00 PM Chloroethane < 0.40 0.40 ug/m3 1 7/2/2015 6:21:00 PM cis-1,2-Dichloroethene 4.8 0.59 ug/m3 7/2/2015 6:21:00 PM Tetrachloroethylene 9.8 ug/m3 7/2/2015 6:21:00 PM 1.0 trans-1,2-Dichloroethene < 0.59 0.59 ug/m3 7/2/2015 6:21:00 PM Trichloroethene 0.21 1 5.4 ug/m3 7/2/2015 6:21:00 PM Vinyl chloride < 0.10 0.10 ug/m3 7/2/2015 6:21:00 PM

Qualifiers: \*\* Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected

E Value above quantitation range

J Analyte detected at or below quantitation limits

**Date:** 09-Jul-15

CLIENT: LaBella Associates, P.C. Client Sample ID: Concentrix-4SVI-6-2015

 Lab Order:
 C1507008
 Tag Number: 201,1172

 Project:
 3750 Monroe
 Collection Date: 6/28/2015

 Lab ID:
 C1507008-008A
 Matrix: AIR

Analyses	Result	**Limit Qua	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15		Analyst: RJP	
1,1,1-Trichloroethane	6.7	0.82	ug/m3	1	7/3/2015 1:55:00 AM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/3/2015 1:55:00 AM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 1:55:00 AM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/3/2015 1:55:00 AM
Chloroethane	< 0.40	0.40	ug/m3	1	7/3/2015 1:55:00 AM
cis-1,2-Dichloroethene	1.2	0.59	ug/m3	1	7/3/2015 1:55:00 AM
Tetrachloroethylene	2.2	1.0	ug/m3	1	7/3/2015 1:55:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 1:55:00 AM
Trichloroethene	8.7	0.21	ug/m3	1	7/3/2015 1:55:00 AM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/3/2015 1:55:00 AM

Qualifiers: \*\* Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected

E Value above quantitation range

J Analyte detected at or below quantitation limits

**Date:** 09-Jul-15

CLIENT: LaBella Associates, P.C. Client Sample ID: Concentrix-4IAQ-6-2015

 Lab Order:
 C1507008
 Tag Number:
 545,276

 Project:
 3750 Monroe
 Collection Date:
 6/28/2015

 Lab ID:
 C1507008-009A
 Matrix:
 AIR

Analyses Result \*\*Limit Qual Units DF **Date Analyzed** 1UG/M3 W/ 0.25UG/M3 CT-TCE-VC **TO-15** Analyst: RJP 7/2/2015 6:59:00 PM 1,1,1-Trichloroethane < 0.82 0.82 ug/m3 1 1,1-Dichloroethane < 0.61 0.61 ug/m3 1 7/2/2015 6:59:00 PM 1,1-Dichloroethene < 0.59 0.59 ug/m3 1 7/2/2015 6:59:00 PM 1,2-Dichloroethane < 0.61 0.61 ug/m3 1 7/2/2015 6:59:00 PM Chloroethane < 0.40 0.40 ug/m3 1 7/2/2015 6:59:00 PM cis-1,2-Dichloroethene < 0.59 0.59 ug/m3 7/2/2015 6:59:00 PM Tetrachloroethylene < 1.0 ug/m3 7/2/2015 6:59:00 PM 1.0 trans-1,2-Dichloroethene < 0.59 0.59 ug/m3 7/2/2015 6:59:00 PM Trichloroethene 0.48 0.21 1 ug/m3 7/2/2015 6:59:00 PM Vinyl chloride 0.10 ug/m3 7/2/2015 6:59:00 PM < 0.10

Qualifiers: \*\* Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected

**Date:** 09-Jul-15

E Value above quantitation range

J Analyte detected at or below quantitation limits

CLIENT: LaBella Associates, P.C. Client Sample ID: Outdoor Air--6-29-2015

 Lab Order:
 C1507008
 Tag Number:
 1185,278

 Project:
 3750 Monroe
 Collection Date:
 6/29/2015

 Lab ID:
 C1507008-010A
 Matrix:
 AIR

Analyses	Result	**Limit Qua	l Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15		Analyst: <b>RJP</b>	
1,1,1-Trichloroethane	< 0.82	0.82	ug/m3	1	7/2/2015 7:36:00 PM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 7:36:00 PM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 7:36:00 PM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 7:36:00 PM
Chloroethane	< 0.40	0.40	ug/m3	1	7/2/2015 7:36:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 7:36:00 PM
Tetrachloroethylene	< 1.0	1.0	ug/m3	1	7/2/2015 7:36:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 7:36:00 PM
Trichloroethene	< 0.21	0.21	ug/m3	1	7/2/2015 7:36:00 PM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/2/2015 7:36:00 PM

Qualifiers: \*\* Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected

E Value above quantitation range

J Analyte detected at or below quantitation limits

**Date:** 09-Jul-15

CLIENT: LaBella Associates, P.C. Client Sample ID: Town Court-6-2015

 Lab Order:
 C1507008
 Tag Number:
 223,406

 Project:
 3750 Monroe
 Collection Date:
 6/29/2015

 Lab ID:
 C1507008-011A
 Matrix:
 AIR

Analyses	Result	**Limit Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82	ug/m3	1	7/3/2015 2:33:00 AM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/3/2015 2:33:00 AM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 2:33:00 AM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/3/2015 2:33:00 AM
Chloroethane	< 0.40	0.40	ug/m3	1	7/3/2015 2:33:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 2:33:00 AM
Tetrachloroethylene	< 1.0	1.0	ug/m3	1	7/3/2015 2:33:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 2:33:00 AM
Trichloroethene	1.9	0.21	ug/m3	1	7/3/2015 2:33:00 AM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/3/2015 2:33:00 AM

Qualifiers: \*\* Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected

E Value above quantitation range

J Analyte detected at or below quantitation limits

**Date:** 09-Jul-15

CLIENT: LaBella Associates, P.C. Client Sample ID: Maximus-SVI-6-2015

 Lab Order:
 C1507008
 Tag Number: 327,308

 Project:
 3750 Monroe
 Collection Date: 6/29/2015

 Lab ID:
 C1507008-012A
 Matrix: AIR

Analyses	Result	**Limit Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15		Analyst: RJP	
1,1,1-Trichloroethane	3.1	0.82	ug/m3	1	7/3/2015 3:13:00 AM
1,1-Dichloroethane	34	24	ug/m3	40	7/8/2015 1:09:00 PM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 3:13:00 AM
1,2-Dichloroethane	6.1	0.61	ug/m3	1	7/3/2015 3:13:00 AM
Chloroethane	120	16	ug/m3	40	7/8/2015 1:09:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 3:13:00 AM
Tetrachloroethylene	3.1	1.0	ug/m3	1	7/3/2015 3:13:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 3:13:00 AM
Trichloroethene	2.8	0.21	ug/m3	1	7/3/2015 3:13:00 AM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/3/2015 3:13:00 AM

Qualifiers: \*\* Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected

E Value above quantitation range

J Analyte detected at or below quantitation limits

**Date:** 09-Jul-15

CLIENT: LaBella Associates, P.C. Client Sample ID: Maximus-IAQ-6-2015

 Lab Order:
 C1507008
 Tag Number:
 248,1161

 Project:
 3750 Monroe
 Collection Date:
 6/29/2015

 Lab ID:
 C1507008-013A
 Matrix:
 AIR

Analyses	Result	**Limit Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15		Analyst: RJP	
1,1,1-Trichloroethane	< 0.82	0.82	ug/m3	1	7/2/2015 8:14:00 PM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 8:14:00 PM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 8:14:00 PM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 8:14:00 PM
Chloroethane	< 0.40	0.40	ug/m3	1	7/2/2015 8:14:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 8:14:00 PM
Tetrachloroethylene	0.88	1.0 J	ug/m3	1	7/2/2015 8:14:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 8:14:00 PM
Trichloroethene	< 0.21	0.21	ug/m3	1	7/2/2015 8:14:00 PM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/2/2015 8:14:00 PM

Qualifiers: \*\* Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

 $JN \quad \ \, Non-routine\ analyte.\ Quantitation\ estimated.$ 

S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected

**Date:** 09-Jul-15

E Value above quantitation range

J Analyte detected at or below quantitation limits

CLIENT: LaBella Associates, P.C. Client Sample ID: Turf Time-IAQ- 6-2015

 Lab Order:
 C1507008
 Tag Number:
 221,251

 Project:
 3750 Monroe
 Collection Date:
 6/29/2015

 Lab ID:
 C1507008-014A
 Matrix:
 AIR

Analyses	Result	**Limit Qu	al Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82	ug/m3	1	7/2/2015 8:52:00 PM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 8:52:00 PM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 8:52:00 PM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 8:52:00 PM
Chloroethane	< 0.40	0.40	ug/m3	1	7/2/2015 8:52:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 8:52:00 PM
Tetrachloroethylene	1.8	1.0	ug/m3	1	7/2/2015 8:52:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 8:52:00 PM
Trichloroethene	< 0.21	0.21	ug/m3	1	7/2/2015 8:52:00 PM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/2/2015 8:52:00 PM

Qualifiers: \*\* Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

 $JN \quad \ \, Non-routine\ analyte.\ Quantitation\ estimated.$ 

S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected

E Value above quantitation range

J Analyte detected at or below quantitation limits

**Date:** 09-Jul-15

CLIENT: LaBella Associates, P.C. Client Sample ID: Turf Time-SVI- 6-2015

 Lab Order:
 C1507008
 Tag Number:
 164,249

 Project:
 3750 Monroe
 Collection Date:
 6/29/2015

 Lab ID:
 C1507008-015A
 Matrix:
 AIR

Analyses	Result	**Limit Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1,1,1-Trichloroethane	130	16	ug/m3	20	7/4/2015 7:11:00 AM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/3/2015 3:52:00 AM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 3:52:00 AM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/3/2015 3:52:00 AM
Chloroethane	0.55	0.40	ug/m3	1	7/3/2015 3:52:00 AM
cis-1,2-Dichloroethene	0.75	0.59	ug/m3	1	7/3/2015 3:52:00 AM
Tetrachloroethylene	10	1.0	ug/m3	1	7/3/2015 3:52:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 3:52:00 AM
Trichloroethene	2.5	0.21	ug/m3	1	7/3/2015 3:52:00 AM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/3/2015 3:52:00 AM

Qualifiers: \*\* Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected

E Value above quantitation range

J Analyte detected at or below quantitation limits

**Date:** 09-Jul-15

CLIENT: LaBella Associates, P.C. Client Sample ID: Outdoor Air-6-30-2015

 Lab Order:
 C1507008
 Tag Number: 351,339

 Project:
 3750 Monroe
 Collection Date: 6/30/2015

 Lab ID:
 C1507008-016A
 Matrix: AIR

Analyses	Result	**Limit Qu	al Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82	ug/m3	1	7/2/2015 9:30:00 PM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 9:30:00 PM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 9:30:00 PM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 9:30:00 PM
Chloroethane	< 0.40	0.40	ug/m3	1	7/2/2015 9:30:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 9:30:00 PM
Tetrachloroethylene	< 1.0	1.0	ug/m3	1	7/2/2015 9:30:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 9:30:00 PM
Trichloroethene	< 0.21	0.21	ug/m3	1	7/2/2015 9:30:00 PM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/2/2015 9:30:00 PM

Qualifiers: \*\* Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

 $JN \quad \ \, Non-routine\ analyte.\ Quantitation\ estimated.$ 

S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected

E Value above quantitation range

J Analyte detected at or below quantitation limits

**Date:** 09-Jul-15

CLIENT: LaBella Associates, P.C. Client Sample ID: Bricklayers-IAQ-6-2015

 Lab Order:
 C1507008
 Tag Number:
 89,1164

 Project:
 3750 Monroe
 Collection Date:
 6/30/2015

 Lab ID:
 C1507008-017A
 Matrix:
 AIR

Analyses	Result	**Limit Qua	l Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC	TO-15			Analyst: RJP	
1,1,1-Trichloroethane	< 0.82	0.82	ug/m3	1	7/2/2015 10:08:00 PM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 10:08:00 PM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 10:08:00 PM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 10:08:00 PM
Chloroethane	< 0.40	0.40	ug/m3	1	7/2/2015 10:08:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 10:08:00 PM
Tetrachloroethylene	1.2	1.0	ug/m3	1	7/2/2015 10:08:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 10:08:00 PM
Trichloroethene	0.38	0.21	ug/m3	1	7/2/2015 10:08:00 PM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/2/2015 10:08:00 PM

Qualifiers: \*\* Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected

E Value above quantitation range

J Analyte detected at or below quantitation limits

**Date:** 09-Jul-15

CLIENT: LaBella Associates, P.C. Client Sample ID: Bricklayers-SVI-6-2015

 Lab Order:
 C1507008
 Tag Number: 460,263

 Project:
 3750 Monroe
 Collection Date: 6/30/2015

 Lab ID:
 C1507008-018A
 Matrix: AIR

Analyses	Result	**Limit Qu	al Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1,1,1-Trichloroethane	2.5	0.82	ug/m3	1	7/3/2015 4:32:00 AM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/3/2015 4:32:00 AM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 4:32:00 AM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/3/2015 4:32:00 AM
Chloroethane	1.3	0.40	ug/m3	1	7/3/2015 4:32:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 4:32:00 AM
Tetrachloroethylene	6.6	1.0	ug/m3	1	7/3/2015 4:32:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 4:32:00 AM
Trichloroethene	1.9	0.21	ug/m3	1	7/3/2015 4:32:00 AM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/3/2015 4:32:00 AM

Qualifiers: \*\* Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected

E Value above quantitation range

J Analyte detected at or below quantitation limits

**Date:** 09-Jul-15

CLIENT: LaBella Associates, P.C. Client Sample ID: Senior Center-IAQ-6-2015

 Lab Order:
 C1507008
 Tag Number:
 1183,304

 Project:
 3750 Monroe
 Collection Date:
 6/30/2015

 Lab ID:
 C1507008-019A
 Matrix:
 AIR

Analyses	Result	**Limit Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82	ug/m3	1	7/2/2015 10:46:00 PM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 10:46:00 PM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 10:46:00 PM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 10:46:00 PM
Chloroethane	< 0.40	0.40	ug/m3	1	7/2/2015 10:46:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 10:46:00 PM
Tetrachloroethylene	1.6	1.0	ug/m3	1	7/2/2015 10:46:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 10:46:00 PM
Trichloroethene	0.38	0.21	ug/m3	1	7/2/2015 10:46:00 PM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/2/2015 10:46:00 PM

Qualifiers: \*\* Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

 $JN \quad \ \, Non-routine\ analyte.\ Quantitation\ estimated.$ 

S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected

E Value above quantitation range

J Analyte detected at or below quantitation limits

**Date:** 09-Jul-15

CLIENT: LaBella Associates, P.C. Client Sample ID: Senior Center-SVI-6-2015

 Lab Order:
 C1507008
 Tag Number:
 85,1159

 Project:
 3750 Monroe
 Collection Date:
 6/30/2015

 Lab ID:
 C1507008-020A
 Matrix:
 AIR

Analyses	Result	**Limit Qu	al Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1,1,1-Trichloroethane	0.55	0.82 J	ug/m3	1	7/3/2015 5:11:00 AM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/3/2015 5:11:00 AM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 5:11:00 AM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/3/2015 5:11:00 AM
Chloroethane	0.63	0.40	ug/m3	1	7/3/2015 5:11:00 AM
cis-1,2-Dichloroethene	0.67	0.59	ug/m3	1	7/3/2015 5:11:00 AM
Tetrachloroethylene	3.7	1.0	ug/m3	1	7/3/2015 5:11:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 5:11:00 AM
Trichloroethene	4.8	0.21	ug/m3	1	7/3/2015 5:11:00 AM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/3/2015 5:11:00 AM

Qualifiers: \*\* Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected

E Value above quantitation range

J Analyte detected at or below quantitation limits

**Date:** 09-Jul-15

#### DATA USABILITY SUMMARY REPORT

for

LaBella Associates, P.C.

300 State Street

Rochester, NY 14614

3750 MONROE SITE SDG: C1507008 Sampled 6/28/2015 thru 6/30/15

### TO-15 AIR SAMPLES

CONCENTRIX 2-6-2015	(C1507008-001)
VOLT 1-6-2015	(C1507008-002)
VOLT 2-6-2015	(C1507008-003)
OUTDOOR AIR-6-28-2015	(C1507008-004)
CONCENTRIX 3 SVI-6-2015	(C1507008-005)
DUPLICATE-6-2015	(C1507008-006)
CONCENTRIX 3 IAQ-6-2015	(C1507008-007)
CONCENTRIX 4 SVI-6-2015	(C1507008-008)
CONCENTRIX 4 IAQ-6-2015	(C1507008-009)
이 있는 경영화에 하게 가진 때문에 되는 하면 살아보니 그렇게 하고 있다면 하다 있다면 그렇게 하네요.	(C1507008-009)
OUTDOOR AIR-6-29-2015	- 1 July
TOWN COURT-6-2015	(C1507008-011)
MAXIMUS SVI-6-2015	(C1507008-012)
MAXIMUS IAQ-6-2015	(C1507008-013)
TURF TIME IAQ-6-2015	(C1507008-014)
TURF TIME SVI-6-2015	(C1507008-015)
OUTDOOR AIR-6-30-2015	(C1507008-016)
BRICKLAYERS IAQ-6-2015	(C1507008-017)
BRICKLAYERS SVI-6-2015	(C1507008-018)
SENIOR CENTER IAQ-6-2015	
- M. H. B. B. H. H. H. S. S. S. H.	
SENIOR CENTER SVI-6-2015	(CISU/UU8-UZU)

#### DATA ASSESSMENT

A TO-15 data package containing analytical results for twenty air samples was received from LaBella Associates, P.C. on 30Sep15. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from the 3750 Monroe site, were identified by Chain of Custody documents and traceable through the work of Centek Laboratories, LLC, the laboratory contracted for analysis. The analyses were performed using US EPA Method TO-15 and addressed measurements of ten volatile organic compounds. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol (ASP), September 1989, Rev. 07/2005. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-31, Rev. #4, October 2006, Volatile Organic Analysis of Ambient Air in Canisters by Method TO-15) was used as a technical reference.

The results reported from MAXIMUS SVI-6-2015 and BRICKLAYERS SVI-6-2015 have been qualified as estimations because the canister vacuum gauges indicated that the samples might not have been collected correctly.

The tetrachloroethylene results from DUPLICATE-6-2015 and BRICK-LAYERS IAQ-6-2015 have been rejected because they may represent laboratory artifacts.

The positive results reported from BRICKLAYERS SVI-6-2015 have been qualified as estimations due to a high surrogate standard recovery.

The results from TURF TIME IAQ-6-2015, BRICKLAYERS SVI-6-2015 and SENIOR CENTER SVI-6-2015 have been qualified as estimations due to a high internal standard response. The tetrachloroethylene results from CONCENTRIX 3 SVI-6-2015, CONCENTRIX 4 SVI-6-2015 and MAXIMUS SVI-6-2015 have been similarly qualified.

#### CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J" or "UJ". Data felt to be unreliable has been identified with a single red line and flagged "R". Rejected data should not be included in data tables. Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Secondly. DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:

Date: 05 Oct 15

#### SAMPLE HISTORY

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

This sample delivery group contained sixteen indoor air samples, a duplicate, and three samples of outdoor ambient air. The samples were collected in 1-liter canisters between 28Jun15 and 30Jun15. The canisters were shipped back to the laboratory, via FedEx, on 30Jun15 and were received the following morning. Although the sample canisters were received intact, custody seals were not present on the packaging.

Canister vacuum readings were recorded in the laboratory prior to shipment, in the field prior to and following sampling, and in the laboratory at the time of receipt.

SAMPLE	PRIOR TO	PRIOR TO	POST	LAB
	SHIPMENT	SAMPLING	SAMPLING	RECEIPT
	("Hg)	("Hg)	("Hg)	("Hg)
CONCENTRIX 2	-30	-30	-1.5	-2
VOLT 1	-30	-29	-0.5	-2
VOLT 2	-30	-27.5	-0.5	-2
OUTDOOR AIR 6/28	-30	-30	-1.5	-2
CONCENTRIX 3 SVI	-30	-30	-1	-2
DUPLICATE	-30	-29	-8	-8
CONCENTRIX 3 IAQ	-30	-29	-4	-4
CONCENTRIX 4 SVI	-30	-30	-3	-3
CONCENTRIX 4 IAQ	-30	-29	-5.5	-5
OUTDOOR AIR 6/29	-30	-30	-3	-3
TOWN COURT	-30	-29	-2.5	-3
MAXIMUS SVI	-30	-30	-11	-11
MAXIMUS IAQ	-30	-30	-2.5	-3
TURF TIME IAQ	-30	-30	-7	-7
TURF TIME SVI	-30	-30	-3	-3
OUTDOOR AIR 6/30	-30	-30	-2	-2
BRICKLAYERS IAQ	-30	-28	-2	-2
BRICKLAYERS SVI	-30	-30	-11	-11
SENIOR CENTER IAQ	-30	-30	-4	-4
SENIOR CENTER SVI	-30	-30	-5	-5

The vacuum readings included measurements that were slightly outside of the ASP limits of  $-28\pm2^{\prime\prime}{\rm Hg}$  and  $-5\pm1^{\prime\prime}{\rm Hg}$ . These differences may reflect the quality of the vacuum gauges on the canisters. It is also noted that the laboratory indicated that each canister contained sufficient sample for analysis. The results reported from MAXIMUS-SVI and BRICKLAYERS-SVI have been qualified as estimations because the vacuum readings indicate that the samples may not be representative.

The vacuum readings taken following sample collection and in the laboratory indicate that the integrity of each canister was maintained during shipment and storage prior to analysis.

Although the date of sampling appeared on the field custody chain, the sampling times were not recorded. This information was obtained from the LaBella engineer's field notes. Although the sample regulators were set to collect eight-hour samples, sampling was actually terminated based on the vacuum gauge readings.

The analysis of this group of samples was completed between 02Jul15 and 08Jul15, satisfying the ASP holding time limitation.

#### CANISTER CERTIFICATION

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

The canisters were cleaned in five batches. With one exception, a blank analysis of a cleaned canister from each batch was free of targeted analyte contamination. The canister blank associated with DUPLICATE, OUTDOOR AIR-6/29, MAXIMUS-SVI, TURF TIME-SVI and BRICKLAYERS-IAQ contained 0.04 ppb of tetrachloroethene. The tetrachloroethene concentrations reported from the DUPLICATE and BRICKLAYERS-IAQ have been rejected because they may represent laboratory artifacts. The tetrachloroethene (PERCHLOR) results from the remaining affected samples have been left unqualified because they were negative, or exceeded the range requiring qualifications.

#### BLANKS

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

Three method blanks were analyzed with this group of samples. Each of these blanks demonstrated acceptable chromatography and was free of targeted analyte contamination.

#### MS TUNING

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

BFB ion abundance criteria was reported from standards run before the initial instrument calibration and prior to the analysis of program samples. Each of these checks satisfied the ASP acceptance criteria.

#### CALIBRATION

Requirements for instrument calibration are established to ensure

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

The initial instrument calibration was performed on 15Jun15. Standards of 0.04, 0.10, 0.15, 0.30, 0.50, 0.75, 1.0, 1.25, 1.50 and 2.0 ppbV were included. Each targeted analyte produced the required levels of instrument response and demonstrated an acceptable degree of linearity during this calibration.

Continuing calibration checks were performed on 02Jul15, 03Jul15 and 08Jul15, prior to the 24-hour periods of instrument operation that included samples from this program. When compared to the initial calibration, an acceptable level of instrument stability was demonstrated by each targeted analyte during these calibration checks.

#### SURROGATES

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

Although surrogate summary sheets were properly prepared, an incorrect acceptance criteria was applied. When compared to the ASP requirement, an unacceptable recovery was reported for the bromofluorobenzene addition to the BRICKLAYERS-SVI (126%) sample. The positive results reported from this sample have been qualified as estimations because they may include a positive bias.

#### INTERNAL STANDARDS

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

The laboratory recorded the response of each internal standard addition to this group of samples, and the response obtained from the preceding CCV standards. When compared to these limits, an unacceptably high response was reported for the IS1, IS2 and IS3 additions to TURF TIME-SVI, BRICKLAYERS-SVI and SENIOR CENTER-SVI; and for the IS3 additions to CONCENTRIX 3-SVI, CONCENTRIX 4-SVI and MAXIMUS-SVI. Although each of these samples was reanalyzed, the results were not provided. Based on this performance, all of the results reported from TURF TIME-SVI, BRICKLAYERS-SVI and SENIOR CENTER-SVI; and the tetrachloroethylene results from CONCENTRIX 3-SVI, CONCENTRIX 4-SVI and MAXIMUS-SVI have been qualified as estimations.

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

CONCENTRIX 2-6-2015 was selected for matrix spiking. Two volumes of this sample were spiked with each analyte targeted by this program. The recoveries reported for these additions demonstrated acceptable levels of measurement precision and accuracy.

Three spiked blanks (LCS) were also analyzed with this group of samples. These LCS produced acceptable recoveries of each targeted analyte.

#### DUPLICATES

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

The field duplicate included in this delivery group was not identified.

#### REPORTED ANALYTES

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument printouts. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of samples.

# SUMMARY OF QUALIFIED DATA

# 3750 MONROE SITE

# SAMPLED June 2015

		VACUUM	CERT	SURROGATE	INT STD	INT STD TETRACHLOR
CONCENTRIX 2-6-2015	(C1507008-001)					
5	1507008-					
VOLT 2-6-2015	1507008-					
28-201	1507008-					
CONCENTRIX 3 SVI-6-2015	0700					1.011.T
DUPLICATE-6-2015	1507008-		REJECT			0
	1507008-					
CONCENTRIX 4 SVI-6-2015	-80010					2.27
	1507008-00					) J
OUTDOOR AIR-6-29-2015	-80010					
TOWN COURT-6-2015	-80070					
01	1507008-	ALL J/UJ				3.17
MAXIMUS IAQ-6-2015	7008-					)
40-6-201	7008-				ALL J/UJ	
-6-201	7008-					
OUTDOOR AIR-6-30-2015	700					
BRICKLAYERS IAQ-6-2015	-80010		REJECT			
-6-20	7008-	ALL J/UJ		ALL POS J	ALL J/UJ	
01	(C1					
201	5 (C1507008-020)				ALL J/UJ	

THE RELEASE BELLEVILLE HERE CONTROL OF THE PROPERTY OF THE PRO LaBella Associates, P.C.

Lab Order:

C1507008

Project:

CLIENT:

3750 Monroe

Lab ID:

C1507008-001A

Date: 23-Jul-15

Client Sample ID: Concentrix-2-6-2015

Tag Number: 210,267

Collection Date: 6/28/2015

Matrix: AlR

Analyses	Result	**Limit Qui	al Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82	ug/m3	1	7/2/2015 3:42:00 PM
1.1-Dichloroethane	< 0.61	0.81	ug/m3	1	7/2/2015 3:42:00 PM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 3:42:00 PM
t,2-Dichloroethene	< 0.61	0.61	ug/m3	1	7/2/2015 3:42:00 PM
Chioroethane	< 0.40	0.40	ug/m3	1	7/2/2015 3:42:00 PM
cis-1,2-Dichloroethene	0,55	0.59 J	ug/m3	1	7/2/2015 3:42:00 PM
Tetrachloroethylene	< 1.0	1.0	ug/m3	1	7/2/2015 3:42:00 PM
trans-1,2-Dichtoroethene	< 0.59	0.59	ug/m3	1	7/2/2015 3:42:00 PM
Trichtpraethene	0.70	0.21	tig/m3	1	7/2/2015 3:42:00 PM
Vinyl chtoride	< 0.10	0.10	ug/m3	7	7/2/2015 3:42:00 PM



#### Qualifiers:

- \*\* Reporting Limit
- B Analyte detected in the associated Method Blank
- 14 Holding times for proparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated,
- Spike Recovery outside accepted recovery limits

Results reported are not blank corrected

- E. Value above quantitation range
- J Analyse detected at or below quantilation limits
- ND Not Detected at the Reporting Limit

Page 1 of 20

CLIENT: LaBella Associates, P.C.

Lab Order: C1507008

Project: 3750 Monroe

Lab ID: C1507008-002A Date: 23-Jul-15

Client Sample ID: Volt-1-6-2015

Tag Number: 558,402 Collection Date: 6/28/2015

Matrix: AlR

Analyses	Result	**Limit Qual	Units	DF	Date Analyzed
TUG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82	ug/m3	1	7/2/2015 11:23:00 PM
t,1-Dichloroethane	< 0.61	D.61	ug/m3	1	7/2/2015 11:23:00 PM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 11:23:00 PM
1.2-Dicatoroethane	< 0.61	0.61	ug/m3	1	7/2/2015 11:23:00 PM
Chloroethane	< 0.40	0.40	ug/m3	1	7/2/2015 11:23:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 11:23:00 PMF
Tetrachloroethylene	< 1.0	1.0	ug/m3	1	7/2/2015 11:23:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 11:23:00 PM
Trichtoroethene	0.59	0.21	ug/m3	1	7/2/2015 11:23:00 PM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/2/2015 11:23:00 PM
			-		



#### Qualifiers:

- Reporting Limit
- B Analyte detected in the associated Method Blank
- 15 Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- Spike Recovery outside accepted recovery limits

Results reported are not blank corrected

- E Value above quantitation range
  - J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Page 2 of 20

LaBella Associates, P.C.

Lab Order:

C1507008

Project;

CLIENT:

3750 Monroe

Lab ID:

C1507008-003A

Date: 23-Jul-15

Client Sample ID: Volt-2-6-2015

Tag Number: 1187,262

Collection Date: 6/28/2015

Matrix: AIR

Analyses	Result	**Limit Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1,1,5-Trichlorgethane	< 0.82	0.82	ug/m3	1	7/3/2015 12:01:00 AM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/3/2015 12:01:00 AM
1.1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 12:01:00 AM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/3/2015 12:01:00 AM
Chloroethane	< 0.40	0.40	ug/m3	1	7/3/2015 12:01:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59	ագ/m3	1	7/3/2015 12:01:00 AM
Tetrachioroethylone	< 1.0	1.0	ug/m3	1	7/3/2015 12:01:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59	บุต/m3		7/3/2015 12:01:00 AM
Trichtoroethene	0.59	0.21	ug/m3	F	7/3/2015 12:01:00 AM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/3/2015 12:01:00 AM



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

Date: 23-Jul-15

CLIENT:

LaBella Associates, P.C.

Lab Order:

C1507008

Project:

3750 Monroe

Lab ID:

C1507008-004A

PROTECTS TO THE PROTECT OF THE PROTE

Client Sample ID: Outdoor Air-6-28-2015

Tag Number: 569,1168

Collection Date: 6/28/2015

Matrix: AIR

Analyses	Result	**Limit Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1.1.1-Trichloroethane	< 0.82	0.82	ug/m3	1	7/2/2015 5:43:00 PM
1.1-Dichlaroethane	< 0.61	0.61	ug/m3	1	7/2/2015 5:43:00 PM
1.1-Dichlorpethene	< 0.59	0.59	ug/m3	1	7/2/2015 5:43:00 PM
1,2-Dichioroethane	< 0.61	0.61	ug/m3	1	7/2/2015 5:43:00 PM
Chloroethane	< 0.40	0.40	ug/m3	1	7/2/2015 5:43:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 5:43:00 PM
Tetrachloroethylene	< 1.0	1.0	ug/m3	1	7/2/2015 5:43:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 5:43:00 PM
Trichloroethene	< 0.21	0.21	ug/m3	1	7/2/2015 5:43:00 PM
Vinyt chloride	< 0.10	0.10	ug/m3	1	7/2/2015 5:43:00 PM



Qualifiers:

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

Page 4 of 20

Date: 23-Jul-15

CLIENT:

Control of the contro LaBella Associates, P.C.

Lab Order:

C1507008

Project:

3750 Monroe

Cab II):

C1507008-005A

Client Sample 1D: Concentrix-35VI--6-2015

Tag Number: 1175,1171

Collection Date: 6/28/2015

Matrix: AIR

Analyses	Result	**Limit Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15	THE TOTAL CONTRACTOR	,	Analyst: RJP
1,1,1-Trichloroethane	2.9	0.82	ug/m3	f	7/3/2015 12:39:00 AM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/3/2015 12:39:00 AM
1,1-Dichloroethene	< 0.59	0.69	ug/m3	1	7/3/2015 12:39:00 AM
1,2-Dichloroethane	0.61	D.B #	ug/m3	1	7/3/2015 12:39:00 AM
Chloroethane	< 0.40	0.40	ug/rn3	1	7/3/2015 12:39:00 AM
cis-1,2-Dichlomethene	1.3	0.59	ug/m3	1	7/3/2015 12:39:00 AM
Tetrachioroethylena	< 1.0 UJ		ug/m3	1	7/3/2015 12:39:00 AM
frans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 12:39:00 AM
Trichloroethene	8.5	0.21	บุตู/m3	1	7/3/2015 12:39:00 AM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/3/2015 12:39:00 AM
			State of the State		(M.00.00 (VIII)



- \*\* Repening Limit
  - B. Analyte detected in the associated Method Blank
  - H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantilation estimated.
- Spike Recovery outside accepted recovery limits

Results reported are not blank corrected

- E Value above quantitation range
- J Analyte detected of or below quantitation fimits
- NO Not Detected at the Reporting Limit

Page 5 of 20

Date: 23-Jul-15

CLIENT:

LaBella Associates, P.C.

Lab Order:

C1507008

Project:

3750 Monroe

Lab ID:

Vinyl chloride

C1507008-006A

Client Sample 1D: Duplicate-6-2015

7/3/2015 1:18:00 AM

7/3/2015 1:18:00 AM

Tag Number: 93,400

Collection Date: 6/28/2015

Matrix: AIR

Analyses	Result	**Limit	Qua	l Units	DF	Date Analyzed
UG/M3 W/ 0.25UG/M3 CT-TCE-VC	•	TO-	15		•	Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	7/3/2015 1:18:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	7/3/2015 1:18:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	7/3/2015 1:18:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1.	7/3/2015 1:18:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	7/3/2015 1:18:00 AM
cls-1,2-Dichtoroethene	< 0.59	0.59		ug/m3	1	7/3/2015 1:18:00 AM
Tetrachloroethylene	-0.75 R	1.0	J	ug/m3	1	7/3/2015 1:18:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	7/3/2015 1:18:00 AM
Trichloroethene	0.64	0.21		ug/m3	1	7/3/2015 1:18:00 AM

0.10

ug/m3

< 0.10



- Reporting Limit
- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- Non-routine analyte. Quantitation estimated.
- Spike Recovery autside secepted recovery limits

Results reported are not blank corrected

- Vulue above quantitation range E
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 23-Jul-15

CLIENT:

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Lab Order:

C1507008

Projecti

3750 Monroe

Lab ID:

C1507008-007A

Client Sample ID: Concentrix-3IAQ-6-2015

Tag Number: 1193,1163

Collection Date: 6/28/2015

Matrix: AIR

Analyses	Result	**Limit Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1.3,1-Trichloroethane	< 0.82	0.82	ug/m3	1	7/2/2015 6:21:00 PM
1,1-Dichtoroethane	< 0.61	0.61	ug/m3	1	7/2/2015 6:21:00 PM
1, t-Dichforoethene	< 0.59	0.59	Em/gu	1	7/2/2015 6:21:00 PM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 6:21:00 PM
Chlorosthane	< 0.40	0.40	ug/m3	1	7/2/2015 6:21:00 PM
als-1,2-Dichloroethene	4.8	0.59	ug/m3	1	7/2/2015 6:21:00 PM
Tetrachloroethylene	9.8	1.0	Em/gu	1	7/2/2015 6:21:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	4	7/2/2015 6:21:00 PM
Trichforoethene	5.4	0.21	ug/m3	ī	7/2/2015 6:21:00 PM
Vinyl chłoride	< 0.10	0.10	ug/m3	1	7/2/2015 6:21:00 PM



- \*\* Reporting Limit
- B Analyte detected in the associated Method Blank
- 11 Holding tintes for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- Spike Recovery muside accepted recovery limits

Results reported are not blank corrected.

- E Value above quantitation range
- 3 Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

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Date: 23-Jul-15

CLIENT:

LaBella Associates, P.C.

Lab Order:

C1507008

Project:

3750 Monroe

Lab ID:

C1507008-008A

Client Sample ID: Concentrix-4SVI-6-2015

Tag Number: 201,1172

Collection Date: 6/28/2015

Matrix: AlR

Analyses	Result	**Limit Qua.	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1,1,1-Trichloroethane	6.7	0.82	ug/m3	1	7/3/2015 1:55:00 AM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/3/2015 1:55:00 AM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 1:55:00 AM
1,2-Dichloroethene	< 0.61	0.61	ug/m3	1	7/3/2015 1:55:00 AM
Chloroethane	< 0.40	0.40	ug/m3	1	7/3/2015 1:55:00 AM
cis-1,2-Dichloroethene	1,2	0.59	ug/m3	1	7/3/2015 1:55:00 AM
Tetrachloroethylene	2.2 ]	1.0	ug/m3	1	7/3/2015 1:55:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 1:55:00 AM
Trichloroethene	8.7	0.25	ug/m3	1	7/3/2015 1:55:00 AM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/3/2015 1:55:00 AM



- Reporting Limit
- B Analyte detected in the associated Method Blank
- 3-1 Holding times for preparation or analysis exceeded
- 13 Non-routing analyte, Quantitation estimated.
- Spike Recovery outside accepted recovery limits

Results reported use not blank corrected

- E Value obove quantitation range
- J Analyse detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Page 8 of 20

CLIENT: LaBella Associates, P.C.

Lab Order: C1507008

Project: 3750 Monroe

Lab ID: C1507008-009A Date: 23-Jul-15

Client Sample 1D: Concentrix-41AQ-6-2015

Tag Number: 545,276 Collection Date: 6/28/2015

Matrix: AIR

Analyses	Result	**Limit Qua	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
f.1,1-Trichloroethane	< 0.82	0.82	ug/m3	1	7/2/2015 6:59:00 PM
t,1-Dichloroethene	< 0.61	0.61	ug/m3	1	7/2/2015 6:59:00 PM
f,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 6:59:00 PM
1,2-Dichloroethane	< 0.61	0.63	ug/m3	1	7/2/2015 6:59:00 PM
Chloroethane	< 0.40	0.40	ug/m3	1	7/2/2015 6:59:00 PM
cis-1,2-Dichtorpethene	< 0.59	0.59	ug/m3	1	7/2/2015 6:59:00 PM
Tetrachloroethylene	< 1.G	1.0	ug/m3	1	7/2/2015 8:59:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 6:59:00 PM
Trichloroethene	0.48	0.21	ug/m3	1	7/2/2015 6:59:00 PM
Vinyl chloride	< 0.10	0 10	ug/m3	1	7/2/2015 6:59:00 PM



#### Qualifiers:

- \*\* Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyse. Quantitation estimated.
- Spike Recovery outside accepted recovery limits

Results reported are not blank corrected

- E. Vulue above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Page 9 of 20

Date: 23-Jul-15 

CLIENT:

LaBella Associates, P.C.

Lab Order;

C1507008

Project:

3750 Monroe

Lab ID:

C1507008-010A

Client Sample ID: Outdoor Air--6-29-2015

Tag Number: 1185,278

Collection Date: 6/29/2015

Matrix: AIR

Analyses	Result	**Limit Qual	Units	DF	Date Analyzed
TUG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1, 1, 1-Trichioroethane	< 0.82	0.82	ug/m3	1	7/2/2015 7:36:G0 PM
1, 1-Dichtoroethane	< 0.61	0.61	បល្ <b>/</b> m3	1	7/2/2015 7:36:00 PM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 7:36:00 PM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	3	7/2/2015 7:36:00 PM
Chloroethans	< 0.40	0.40	มg/m3	1	7/2/2015 7:36:00 PM
cls-1,2-Dichtoroethene	< 0.59	0.59	ug/m3	1	7/2/2015 7:36:00 PM
Tetrachloroethylene	< 1.0	1.0	£m\pu	1	7/2/2015 7:36:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 7:36:00 PM
Trichlospethene	< 0.21	0.21	ug/m3	1	7/2/2015 7:38:00 PM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/2/2015 7:36:00 PM



#### Qualifiers:

- \*\* Reputing Limit
- B Analyte detected in the associated Method Blank
- 11 Holding times for proparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- Spike Recovery outside accepted recovery limits
- Results reported are not blank corrected
- E Value above quantitation range
  - Analyte detected at or below quantitation finits
- ND Not Detected at the Reporting Limit

Date: 23-Jul-15

CLIENT:

LaBella Associates, P.C.

Lab Order;

C1507008

Project:

3750 Monroe

Lab ID:

C1507008-011A

Client Sample ID: Town Court-6-2015

Tag Number: 223,406

Collection Date: 6/29/2015

Matrix: AlR

Analyses	Result	**Limit Qua	l Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82	ug/m3	1	7/3/2015 2:33:00 AM
1,1-Dichtoroethane	< 6.61	0.61	பத்/ர3	1	7/3/2015 2:33:00 AM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 2:33:00 AM
1,2-Dichlorgethane	< 0.81	0.61	Em/gu	1	7/3/2015 2:33:00 AM
Chloroethane	< 0.40	0.40	นสู/m3	t	7/3/2015 2:33:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 2:33:00 AM
Tetrachloroethylone	< 1.D	1.0	ug/m3	t	7/3/2015 2:33:00 AM
trans-1,2-Dichloroethene	< 0.59	0.50	ug/m3	F	7/3/2016 2:33:00 AM
Trichloroethene	1.9	0.21	ug/m3	1	7/3/2015 2:33:00 AM
Vinyl chloride	< 0.10	0.10	ug/m3	t	7/3/2015 2:33:00 AM



- \*\* Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- Spike Recovery outside accepted recovery limits

. Results reported are not blank currected

- Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Desceted at the Reporting Limit

Page 11 of 20

Date: 23-Jul-15

CLIENT:

LaBella Associates, P.C.

Client Sample ID: Maximus-SVI-6-2015

Lab Order:

C1507008

Project:

3750 Monroe

Tag Number: 327,308 Collection Date: 6/29/2015

Lab ID;

CI507008-012A

Matrix: AJR

Analyses	Result	**Limit Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1,1,1-Trichlorgethane	3.1	0.82	ug/m3	1	7/3/2015 3:13:00 AM
1,1-Dichloroethane	34 🕽	24	นg/m3	40	7/8/2015 1:09:00 PM
1,1-Dichloroethene	< 0.59	0.59	บฐ/กา3	9	7/3/2015 3:13:00 AM
1,2-Dichloroethane	6.1	0.61	ug/m3	1	7/3/2015 3:13:00 AM
Chloroethane	120 🗇	16	ug/m3	40	7/8/2015 1:09:00 PM
cis-1,2-Dichloroethene	< 0.59 ⋃	0.59	ug/m3	1	7/3/2015 3:13:00 AM
Tetrachloroethylene	3.1 ]	1.0	ug/m3	1	7/3/2015 3:13:00 AM
trans-1,2-Dichtoroothene	< 0.59 UI	0.59	ug/m3	1	7/3/2015 3:13:00 AM
Trichloroethene	2.8	0.21	บg/m3	1	7/3/2015 3:13:00 AM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/3/2015 3:13:00 AM



- Reporting Limit
- Analyte detected in the associated Method Blank
- FI Holding times for preparation or analysis exceeded
- IN Non-routine analyte. Quantitation estimated.
- Spike Recovery outside accepted recovery limits
- Results reported are not blank corrected
- E. Value above quantitation range
- Analyte detected at or below quantilation limits
- ND Not Detected at the Reporting Limis

Page 12 of 20

Date: 23-Jul-15

CLIENT: LaBella Associates, P.C.

Lab Order: C1507008 3750 Monroe

Lab ID: C1507008-013A

Project:

Client Sample ID: Maximus-IAQ-6-2015

Tag Number: 248,1161 Collection Date: 6/29/2015

Matrix: AIR

Analyses	Result	**Limit (	()ual	1)nits	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-	5			Analyst: RJP
1,1,1-Trichleroethane	< 0.82	0.82		ug/m3	1	7/2/2015 8:14:00 PM
1,1-Dichloroethane	< 0.61	0.61		Eml <sub>g</sub> u	2	7/2/2015 8:74:00 PM
1,1-Dichloroethene	< 0.59	0.59		บฐ/m3	1	7/2/2015 8:14:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	7/2/2016 8:14:00 PM
Chlorosthane	< 0.40	0.40		ug/m3	*	7/2/2015 8:54:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ขg/m3	1	7/2/2015 8:14:00 PM
Tetrachloroethylene	88.0	1.0	J	ug/m3	1	7/2/2015 8:14:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	f	7/2/2015 8:14:00 PM
Trichloroethene	< 0.21	0.21		ug/m3	1	7/2/2015 8:14:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	7/2/2015 8:14:00 PM



- \*\* Reporting Limit
  - B Auslyte detected in the associated Method Blank
  - FI Holding times for preparation or analysis exceeded
  - IN Non-routine analyte, Quantitation estimated.
  - Spike Recovery outside accepted recovery limits
- Results reported are not blank corrected
- E Value above quantitation range
- . Analyse detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 23-Jul-15

CLUENT:

LaBella Associates, P.C.

Lab Order:

C1507008

Project:

3750 Monroe

Lab ID;

C1507008-014A

Client Sample ID: Turf Time-IAQ- 6-2015

Tag Number: 221,251

Collection Date: 6/29/2015

Matrix: AIR

Analyses	Result	**Limit Qu	al Units	DF	Date Analyzed
UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1,1,5-Trichlorgethane	< 0.82	0.82	ug/m3	:	7/2/2015 8:52:00 PM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	t	7/2/2015 8:52:00 PM
1,1-Dichlaroethene	< 0.59	0.59	ug/m3	1	7/2/2015 8:52:00 PM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 8:52:00 PM
Chloroethane	< 0.40	0.40	ug/m3	f	7/2/2015 6:52:00 PM
cis-1,2-Dichtoroethene	< 0.59	0.59	ug/m3	5.	7/2/2015 8:52:00 PM
Tetrachloroethylene	1.8	5.0	ug/m3	1	7/2/2015 8:52:00 PM
trans-1,2-Dichtoroethene	< 0.59	0.59	ug/m3	•	7/2/2015 8:52:00 PM
Trichloroethene	< 0.21	D.21	ug/m3		7/2/2015 8:52:00 PM
Vinyl chloride	< 0.10	0.10	ug/m3	I	7/2/2015 8:52:00 PM

THE CONTROL OF THE CO



- Reporting Limit
- B Analyte detected as the associated Method Blank
- H i ladding times for preparation or analysis execuded
- JN Non-routine analyte. Quantitation estimated.
- Spike Recovery outside accepted recovery limits

Results reported are not blank corrected

E Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

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Date: 23-Jul-15

CLIENT:

LaBella Associates, P.C.

Client Sample ID: Turf Time-SVI- 6-2015

Lab Order:

C1507008

Tag Number: 164,249 Collection Date: 6/29/2015

Project: Lab ID: 3750 Monroe C1507008-015A

Matrix: AIR

Analyses	Result	**Limit Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1,1,1-Trichtoroethane	130	16	ug/m3	20	7/4/2015 7:31:00 AM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	5	7/3/2015 3:52:00 AM
1,1-Dichloroethene	< 0.59	0.59	Lig/m3	1	7/3/2015 3:52:00 AM
1,2-Dichloroethane	< 0.61	0.61	սց/m3	1	7/3/2015 3:52:00 AM
Chloroethane	0.55	0.40	ug/m3	1	7/3/2016 3:52:00 AM
cls-1,2-Dichloroethene	0.75	0.59	trg/m3	1	7/3/2015 3:52:00 AM
Tetrachloroethylene	10	1.0	ug/m3	1	7/3/2015 3:52:00 AM
trans-1.2-Dichloroethene	< 0.59	0.59	Emigu	1	7/3/2015 3:52:00 AM
Trichtoroethene	2.5	0.21	ug/m3	1	7/3/2015 3:52:00 AM
Vinyf chlo/ide	< 0.10	0.10	ug/m3	1	7/3/2015 3:52:00 AM



- \*\* Reporting Limit
  - B Analyte detected in the associated Method Blank
  - H Holding times for preparation or analysis exceeded
  - JN Non-routine analyte, Quantitation estimated.
  - Spike Recovery outside accepted recovery limits
- Results reported are not blank corrected
- F. Votue above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

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CLIENT: LaBella Associates, P.C.

Lab Order: C1507008

Project: 3750 Monroe Lab ID: C1507008-016A Date: 23-Jul-15

Client Sample ID: Outdoor Air-6-30-2015

Tag Number: 351,339 Collection Date: 6/30/2015

Matrix: AIR

Analyses	Result	**Limit Qual	Units	DF	Date Analyzed
TUG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82	ug/m3	1	7/2/2015 9:30:00 PM
1,1-Dichforoethane	< 0.61	0.61	ug/m3	1	7/2/2016 9:30:00 PM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 9:30:00 PM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 9:30:00 PM
Chloroethane	< 0.40	D.40	ug/m3	1	7/2/2015 9:30:00 PM
cis-1,2-Dichleroethene	< 0.59	0.59	ug/m3	1	7/2/2015 9:30:00 PM
Tetrachloroethylene	< 1.0	1.0	ug/m3	1	7/2/2015 9:30:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 9:30.00 PM
Trichtoroethene	< 0.21	0.21	ug/m3	1	7/2/2015 9:30:00 PM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/2/2015 9:30:00 PM



Qualifiers:

- \*\* Reparting Limit
- B Analyte detected in the associated Method Blank
- H. Holding times for preparation or analysis exceeded
- JN Non-routine analyte, Quantitation estimated.
- S Spike Recovery autside accepted recovery limits
- Results reported are not blank corrected
- 5 Value chove quantitation range
  - J Apolyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

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Date: 23-hul-15

CLIENT: LaBella Associates, P.C.

Lab Order: C1507008

Project: 3750 Monroe

Lab ID: C1507008-017A Client Sample ID: Bricklayers-IAQ-6-2015

Tag Number: 89,1164 Collection Date: 6/30/2015

Matrix: AIR

Analyses	Result	**Limit Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82	Em/gu	1	7/2/2015 10:08:00 PM
1.1-Dichloroethane	< 0.61	0.61	Emtgu	3	7/2/2015 10:08:00 PM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	\$	7/2/2015 10:08:00 PM
1,2-Dichloroethane	< 0.61	0,81	ug/m3	*	7/2/2015 10:08:00 PM
Chloroethane	< 0.40	0.40	ug/m3	1	7/2/2015 t0:08:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 f0:08:00 PM
Tetrachloroethylene	1.2	1.0	ug/m3	1	7/2/2015 10:08:00 PM
trans-1,2-Dichtoroethene	< 0.59	0.59	ug/m3	1	7/2/2015 10:08:00 PM
Trichloroethene	0.38	0.21	ug/m3	1	7/2/2015 10:08:00 PM
Vinyl chloride	< 0.10	0.10	ug/m3	1	7/2/2015 10:08:00 PM



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

Date: 23-Jul-15

CLIENT: LaBella Associates, P.C.

Lab Order: C1507008

Project: 3750 Monroe

Lab ID: C1507008-018A Client Sample ID: Bricklayers-SV1-6-2015

Tag Number: 460,263 Collection Date: 6/30/2015

Matrix: AIR

Analyses	Result	**Limit Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
f.1,1-Trichloroethane	2.5	0.82	ug/m3	1	7/3/2015 4:32:00 AM
1,1-Dichloroethane	< 0.61 🗂	0.61	ug/m3	1	7/3/2015 4:32:00 AM
1,1-Dichtoroethene	< 0.59 🕡	0.59	ug/m3	1	7/3/2015 4:32:00 AM
1,2-Dichforoethane	< 0.61	0.61	шр/т3	1	7/3/2015 4:32:00 AM
Chloroethane	1.3	0.40	Em/gu	1	7/3/2015 4:32:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59	ug/m3	2	7/3/2015 4:32:00 AM
Tetrachloroethylene	6.6	1.0	Ern/gu	1	7/3/2015 4:32:00 AM
trans-1,2-Dichtoroethene	< 0.59	0.59	ug/m3	1	7/3/2015 4:32:00 AM
Trichlaroethene	1.9	0.21	ug/m3	1	7/3/2015 4:32:00 AM
Vinyl chloride	< 0.10 //	0.10	ug/m3	1	7/3/2015 4:32:00 AM



Rep

- porting Limit B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits

#### Results reported are not blank corrected

- E Value above quantitation range
- 4 Analyte detected at or below quantitation limits
- ND Not Defected at the Reporting Limit

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LaBella Associates, P.C.

Lab Order:

CLIENT:

C1507008

Project:

3750 Monroe

Lab ID:

C1507008-019A

Date: 23-Jul-15

Client Sample ID: Senior Center-IAQ-6-2015

Tag Number: 1183,304

Collection Date: 6/30/2015

Matrix: AIR

Analyses	Result	**Limit Qual	Units	DF	Date Analyzed
IUG/M3 W/ 0,25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1, 1,1-Trichloroethane	< 0.82	0.82	ug/m3	1	7/2/2015 10:46:00 PM
1,1-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 10:46:00 PM
1,1-Dichforoethene	< 0.59	0,59	ug/m3	5	7/2/2016 10:46:00 PM
1,2-Dichloroethane	< 0.61	0.61	ug/m3	1	7/2/2015 10:46:00 PM
Chioroethene	< 0.40	0.40	ug/m3	1	7/2/2015 10:46:00 PM
cis-1,2-Dichtoroethene	< 0.59	0.59	ug/m3	1	7/2/2015 10:46:00 PM
Tetrachloroethylene	1.6	1.0	ug/m3	1	7/2/2015 10:46:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59	ug/m3	1	7/2/2015 10:46:00 PM
Trichloroethene	0.38	0.21	ug/m3	1	7/2/2015 10:46:00 PM
Vlayl chloride	< 0.10	0.10	ug/m3	1	7/2/2015 10:46:00 PM



- \*\* Reporting Limit
- If Analyte detected in the associated Method Blank
- FI Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- Spike Recovery outside accepted recovery limits

Results reported are not blank corrected

E Value above quantitation range

Į. Analyte detected at or below quantitation limits

NO Not Detected at the Reporting Limit

Page 19 of 20

Date: 23-Jul-15

CLIENT: LaBella Associates, P.C.

Lab Order: C1507008

Project: 3750 Monroe

Lab 1D; C1507008-020A Client Sample ID: Senior Center-SV1-6-2015

Tag Number: 85,1159 Collection Date: 6/30/2015

Matrix: AIR

Analyses	Result	**Limit Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: RJP
1,1,1-Trichloroethane	0.55	0.82 J	ug/m3	1	7/3/2015 5:15:00 AM
1,1-Dichtoroethane	< 0.61	0.61	£m\gu	1	7/3/2015 5:11:00 AM
1,1-Dichloroethene	< 0.59	0.59	ug/m3	1	7/3/2015 5:11:00 AM
1,2-Dichloroethane	< 0.61	0.61	Em/gu	1	7/3/2015 5:11:00 AM
Chloroethana	0.63	0.40	นลู/m3	1	7/3/2015 5:11:00 AM
cls-1,2-Dichloroethene	0.67	0.59	ug/m3	3	7/3/2015 5:11:00 AM
Tetrachlorcethylene	3.7	1.0	ug/m3	1	7/3/2015 5:11:00 AM
trans-1,2-Dichtoroethene	< 0.59 VJ	0.59	นg/m3	t	7/3/2015 5:11:00 AM
Trichloroethene	4.B 🗍	0.21	ug/m3	1	7/3/2015 5:11:00 AM
Vinyl chloride	< 0.10	0.50	ug/m3	1	7/3/2015 5:11:00 AM



Qualiflers:

- \*\* Reporting Lintin
- Analyte detected in the associated Method Blank
- 11 Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- Spike Recovery outside accepted recovery limits
- Results reported are not blank corrected
- E Value above quantitation range
- Analyte detected at or helow quantitation limits
- ND Not Detected at the Reporting Limit

Date: 23-Jul-15



### QC SUMMARY REPORT SURROGATE RECOVERIES

CLIENT:

LaBella Associates, P.C.

Work Order:

C1507008

Project:

3750 Monroe

Test No:

TO-15

Matrix: A

Sample ID	BR4FBZ	
ALCS1UG-070215	107	
ALCSTUG-070315	[ 101	
ALCSIUG-070815	102	
AMBIUG-070215	84.0	1.000.000.000.000.000.000.000.000.000.0
AMB1UG-070315	75.0	Method Blank
AMB1UG-070815	80.0	
C1507008-001A	102	
C1507008-001A MS	112	
C1507008-001A MSD	111	
C1507008-002A	103	
C1507008-003A	107	
C1507008-004A	91.0	
C1507008-005A	99.0	
C1507008-006A	110	
C1507008-007A	93.0	
C1507008-008A	98.0	
C1507008-009A	. 88.0	
C1507008-010A	90.0	
C1507008-031A	115	
C1507008-012A	100	
C1507008-013A	86.0	
C1507008-014A	98.0	
C1507008-015A	119	

- Acronyni	- Surrogate	QC Limits
BR4FBZ	= Bromoflucrobenzene	70-130 80-120
	**** **	

CLIENT:

LaBella Associates, P.C.

Work Order:

C1507008

Project:

3750 Monroe

Test No:

TO-15

Matrix: A

. 450. 110.		
Sample (I)	BR4FBZ	
C1507008-016A	85,0	
C1507008-017A	106	
C1507008-018A	126	
C1507008-019A	92.0	
C1507008-020A	100	

:	Acronym	2-1-1	ogate	ne	QC Limits	
i	* Surro	gate recov	ery outside	aeceptance li	nits	

#### GC/MS QA-QC Check Report

'une File : C:\HPCH2M\1\DATA\AM070203.D 'une Time : 2 Jul 2015 11:20 am

aily Calibration File : C:\HPCHEM\1\DATA\AM070203.D

(IS1) (IS2) (IS3) 27620 117372 113934

			Surrogate Recovery %		
M070204	.D ALCSIUG-070	215 107	28808	114561	110764
M070205	.D AMBIUG-0702	15 84	26540	106031	97656
M070209	.D C1507008-00	1A 102	25706	104859	108008
34070210	.D C1507008-00	1A MS 112	31345	127692	133401
M070211	.D C1507008-00	1A MSD 111	29720	121992	129740
M070212	.D C1507008-Q0	4A 91	26315	105813	108983
M070213	.D C1507008-00	7A 93	26462	104394	109534
M070214	.D C1507008-00	9A 88	25713	102955	107398
M070215	.D C1507008-01	0A 90	25929	100374	100743
M070216	.D C1507008-01	3A 86	25865	102725	105528
M070217	.D C1507008-01	4A 98	25195	99668	105686
M070218	.D C1507008-01	6A 85	26860	103657	106329
M070219	.D C1507008-01	7A 106	28177	107756	113927
M070220	.D C1507008-01	9A 92	25137	106879	1.07628
M070223	.D C1507008-00	2A 103	27293	107975	109872
M070222	.D C1507008-00	3A 107	26104	109156	109201
M070223	.D C1507008-00	5A 99	27365	115477	194703*
M070224	.D C1507008-00	5A 110	26704	107550	116720
M070225	.D C1507008-00	8A 98	28194	117317	195209+
M070226	.D C1507008-01	ia 115	28714	113149	139733
M070227	D C1507008-01	ZA 134*	28947	127477	179076*
M070228	.D C1507008-01	5A 119	43527	* 180785*	260745*
M070225	.D C1507008-01	9A 126	48175	+ 200041*	860308*
M070230	.D C1507008-02	0A 100	51951	* 203116*	300315*

t - fails 24hr time check \* - fails criteria

Created: Thu Jul 23 11:00:29 2015 MSD #1/

GC/MS QA-QC Check Report

'une File : C:\HPCKEM\1\DATA\AM070302.D 'une Time : 3 Jul 2015 11:12 am

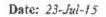
aily Calibration File : C:\HPCHEM\1\DATA\AM070302.D

(IS1) (IS2) (IS3) 27057 106246 99828 (BFB)

			2,00.	#00410	27020	
'ile ≥≈45668±0	Sample DL	Surrogate Recovery %	Internal S	tandard Res	ponses	
M070304.E	AMB1UG-070315	75	24819	99504	91.846	
	ALCS1UG-070315	102	25164	107943	104192	
	ALCS1UG-070315	101	28191	110086	106406	
M070330.D	C1507008-005A RE	97	30683	122846	201430+	
M070331.D	C1507008-008A RE	148*	30183	130700	207250*	
M070332.D	C1507008-012A RE	3.89*	39052*	165202*	224064*	
M070333.D	C1507008-015A 20	( 101	40968*	156746*	162838*	
M070334.D	C1507008-G18A RE	188*	29899	128644	165230*	
M070335.D	C1507008-020A RE	100	37361	155293*	222812*	* ~

t - fails 24hr time check \* - fails criteria

Created: Thu Jul 23 11:03:00 2035 MSD #1/





# ANALYTICAL QC SUMMARY REPORT

CLIENT:

LaBella Associates, P.C.

Work Order:

C1507008

Project:

3750 Monroe

TestCode: 0.25CT-TCE-VC

Sample ID ALCS1UG-970215	SampType: LCS	TestCode: 0.25CT-TCE- Units: ppbV		Prep Date.				RunNo: 9854			
Client ID: ZZZZZ	Balch ID: R9854	Test	No: TO-15			Analysis Da	to: 7/2/20	15	SeqNo: 11	6160	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichtoraethane	1.120	0.15	1	0	112	70	130				
1,1-Dichloroethane	0.9100	0.15	1	0	910	70	130				
1,1-Dichloroethene	1.260	0.15	1	0	126	70	130				
1,2-Dichloroethane	1.090	0.15	1	0	109	70	130				
Chloroethane	1.200	0.15	1	۵	120	70	130				
cis-1,2-Dichloroethene	0.8600	0.15	1	0	86.0	70	130				
Tetrachloroethylene	1.030	0.15	1	0	103	70	130				
trans-1,2-Dichloroethene	1.130	0.15	1	0	113	70	130				
Trichloroethene	0.9800	0.040	1	0	98.0	70	130				
Vinyl chloride	1.200	0.040	1	ů.	120	70	130				
Sample iD ALCS1UG-070315	SampType: LCS	TestCo	de: 0,25CT-TC	E- Units: ppbV		Prep Da	te:		RunNo: 98	55	
Clien! ID: ZZZZZ	Batch ID: R9855	Tesi	No: TO-15			Analysis Da	te: 7/4/201	15	SeqNo: 110	6186	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPO	RPDLimit	Qual
1,1,1-Trichtoroethane	1.060	0.15	1	۵	106 V	70	130				
1,1-Dichloroethane	0.7800	0.15	1	0	78.0	70	130				
1,1-Dichloroethene	1.110	0.15	1	O	111	70	130				
1,2-Dichloroethane	0.9300	0.15	1	0	93.0	70	130				
Chloropthane	1.270	0.15	1	0	127	70	130				
cis-1,2-Dichtoroethene	0.7400	0.15	- 1	0	74.0	70	130				
Tetrachtoroethylene	0.9600	0.15	1	0	95.D	70	130				
Irans-1,2-Dichloroethene	0.7800	0,15	7	0	78.0	70	130				
Trichloroethene	0.8700	0.040		0	87.0	70	130				

J Analyte detected at or below quantitation limits

S Spike Recovery outside accepted recovery limits

NO Not Detected at the Reporting Limit

R RPD autside accepted recovery limits

CLIENT:

LaBella Associates, P.C.

Work Order:

C1507008

Project:

3750 Monroe

TestCode: 0.25CT-TCE-VC

Sample ID ALCS1UG-070315 Client ID: ZZZZZ	SampType: LCS Batch ID: R9855	TestNo: TO-15				Prep Da Analysis Da		RunNo: 9855 SeqNo: 116185			
Analyte	Resutt	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qua
Vinyl chtoride	7.150	0.040	1	C	115	70	130	1411			C. C. C.
Sample ID ALCS1UG-070815	SampType; LCS	Tes!Co	de: 0.25CT-YC	E- Units: ppbV		Prep Da	ite:		RunNo: 98	56	
Client ID: ZZZZZ	Batch ID: R9856	Test	No: TO-15		Analysis Date: 7/8/2015				SeqNo: 116189		
Analyle	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1.1,1-Trichloroethane	1,†30	0.15	1	0	113	70	130			THE DESIGN	Guai
1,1-Dichloroethane	0.8400	0,15	1	D	84.0	70	130				
1,1-Dichloroethene	1.200	0.15	1	0	120	70	130				
1,2-Dichtoroethane	0.9700	0.15	1	D	97.0	70	130				
Chloroethane	1.280	0.15	1	0	128	70	130				
cis-1,2-Dichloroethene	0.7700	0.15	f	0	77.0	70	130				
Tetrachforoethyleng	1.030	0.15	1	0	103	70	130				
rans-1,2-Dichloroethena	1.250	0.15	1	0	125	70	130				
Trichloroethene	0.9800	0 040	1	0	98.0	70	130				
viny1 chloride	1.130	0.040	1	0	113	70	130				

Results reported are not blank corrected

Analyte detected at or below quantitation limits

Spike Recovery outside accepted recovery limits

E Value above quantitation range

ND Not Detected at the Reporting Limit

Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits





## ANALYTICAL QC SUMMARY REPORT

CLIENT:

LaBella Associates, P.C.

Work Order:

C1507008

Project:

3750 Monroe

TestCode: 0.25CT-TCE-VC

Sample ID AMB1UG-070215 SampType: MBLK TestCoo			: 0.25CT-TC	E- Units: ppbV		Prop Da	ite:		RunNo: 9854		
Client ID: ZZZZZ	Batch ID: R9854	TestN	TestNo: TO-15			Analysis Da	nta: 7/2/20	SeqNo: 116159			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPO	#POLimit	Qual
1,1,1-Trichloroethane	< 0.15	0.15									
1,1-Dichloroethane	< 0.15	0.15									
1,1-Dichloroethene	< 0.15	0.15									
1,2-Dichloroethane	< 0.15	0.15									
Chloroethane	< 0.15	0.15									
cis-1,2-Dichloroethene	< 0.15	0.15									
Tetrachlorcethylene	< 0.15	0.15									
trans-1,2-Dichtoroethone	< 0.15	0.15									
Trichlorcethene	< 0.040	0.040									
Vinyl chloride	< 0.040	0.040									
Sample ID AMB1UG-070315	SampType: M8LK	TestCode: 0.Z5CT-TCE- Units: ppbV		Prep Date:			RunNo: 9855				
Client ID: ZZZZZ	Batch ID: R9855	TestNo: TO-15		Analysis Date: 7/3/2015			15	SeqNo: 116185			
Analyte	Result	/ PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethare	< 0.15	0.15									
1,1-Dichloroethane	< 0.15	0.15									
1,1-Dichloroethene	< 0.15	0.16									
1,2-Dichlomethane	< 0.15	0.15									
Chloroethane	< 0.15	0.15									
cis-1,2-Dichloroethene	< 0.15	0.15									
Tetrachloroethylene	< 0.15	0.15									
trans-1,2-Dichloroethene	< 0.15	6.15									
Trichloroethene	< 0.040	0.040									
Commence to the	rai gran en enco	out to entire to						11-117			
	orted are nor blank connected	In the	E Value above quantitation range II Holding times to ND Not Detected at the Reporting Limit R RPD outside acc							ica	
	ected at or below quantitation		MD WAY DE	rected at the Kebuth	ng rimit		R	RPD unitside acce	pied recovery til	uus	

S Spike Recovery outside accepted recovery limits

CLIENT:

LaBella Associates, P.C.

Work Order:

C1507008

Project:

3750 Monroe

TestCode: 0.25CT-TCE-VC

Sample ID AM81UG-070315 Client ID: ZZZZZ	SampType: MBLK Batch ID: R9855	TestCode: 0.25CT-TC€- Units: ppbV TestNo: TO-15	Prep Date: Analysis Date: 7/3/2015	RunNo: 9855 SeqNo: 116165		
Analyte	Resulf	PQE SPK value SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPO RPDLimit Qual		
Vinyl chloride	< 0.040	0.040				
Sample ID AMB1UG-070815	SampType: MBLK	TestCode: 0.25CT-TCE- Units: ppbV	Prep Date:	RunNo: 9856		
Client ID: 22222	Baich ID: R9856	TestNo: TO-15	Analysis Date: 7/8/2015	SeqNo: 116188		
Analyte	Result	POL SPK value SPK Ref Val	%REC LowLimit HighLimit RPO Ref Val	%RPD RPDLimit Qual		
1,1,1-Trichloroethane	< 0.15	0.15				
1,1-Dichloroethane	< 0.15	0.15				
1,1-Dichforgethene	< 0.15	0.15				
1,2-Dichloroethane	< 0.15	0.15				
Chloroethane	< 0.15	0.15				
cis-1,2-Dichloroethene	< 0.15	0.15				
Tetrachioroethylene	< 0.15	0.15				
trans-1,2-Dichloroethene	< 0.15	0.15				
Trichloroethene	< 0.040	0.040				
Vinyl chloride	< 0.040	0.040				

Results reported are not blank corrected

Analyte detected at or below quantitation limits

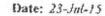
S Spike Recovery outside accepted recovery limits

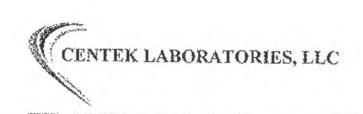
E Value above quantitation range

ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits





# ANALYTICAL QC SUMMARY REPORT

CLIENT:

LaBella Associates, P.C.

Work Order;

C1507008

Project:

3750 Monroe

TestCode: 0.25CT-TCE-VC

Sample ID C1507008-001A MS Client ID: Concentrix-2-6-2015	SampType:		TestCode: 0.25CT-TCE- Units: ppbV				Prep Da			RunNo: 98	54		
Client ID: Concentrix-2-6-2015	Batch tD:	R9854	Test	No: TO-15		Analysis Da	le: 7/2/20	SeqNo: 116183					
Analyte		Result	POL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qua	
1,1,1-Trichforoethane		1.020	0.15	1	0	102	70	130					
1.1-Dichloroethane		1.160	0.15	1	٥	116	70	130					
1,1-Dichloroethene		1.140	0.15	1	0	114	70	130					
1,2-Dichloroethane		1.000	0.35	1	0	100	70	130					
Chloroethane		1.220	0.15	1	0	122	70	130					
cis-1,2-Dichloroethene		0.9300	0.15	1	0.14	79.0	70	130					
Tetrachloroethylens		1.250	0.15	1	D	125	70	130					
trans-1,2-Dichloroethene		1.260	D. 15	1	0	126	70	130					
Trichloroethene		1.040	0.040	1	0.13	91.0	70	130					
Vinyl chloride		1.200	0.040	1	0	120	70	130					
Sample ID C1507008-001A MS	SampType:	MSD	TesiCod	de: 0.25CT-TC	E- Units: ppbV		Prep Dat	e:		RunNo: 98	M.		
Client ID: Concentrix-2-6-2015	Batch ID:	R9854		No: TO-15			Analysis Dat		5	SeqNo: 116184			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	leuD	
1,1,1-Trichloroo!hane	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1.070	0.15	1	6	107	70	130				(Arra)	
1,1-Dichloroethane		1.240	0.15		Q	124			1.02	4.78	30		
1.1-Dichloroethene		1.250	0.15	1	0	125	70	130	1.16	6 67	30		
1.2-Dichloroethane		1.070	0.15		٥		70	130	1.14	9.21	30		
Chloroethane		1.250	0.15	4		107	70	130	1	5.76	30		
cis-1,2-Dichloroethene		0.9800	0.15	1	0.14	125	70	130	1.22	2.43	30		
Tetrachloroethylene		1.130	0.15	1		84.0	70	130	0.93	5.24	30		
trans-1,2-Dichloroethene		1.300	0.15	1	0	113	70	130	1.25	10.1	30		
The same of the sa				7	0	130	70	130	1.26	3.12	30		
Trichlomethene		1.090	0.040	1	0.13	96.0	70	130	1.04	4.69	30		

Qualifiers:

Results reported are not blank corrected

- Analyse detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit

- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT:

LaBella Associates, P.C.

Work Order:

C1507008

Project:

3750 Монтое

TestCode: 0.25CT-TCE-VC

Sample ID C1507008-001A MS	SampType:	MSD	TestCox	de: 0.25CT-TC	E- Units: ppbV		Prep Date:				RunNo: 9854		
Client ID: Concentrix-2-6-2015	Batch ID:	R9854	Testi	No: 10-15		,	Analysis Da	te: 7/2/201	5	SeqNo: 11	5184		
Anatyte		Result	PQL	SPK value	SPK Ref Val	%REC	LawLimit	HighLimit	RPO Ref Val	%RPD	RPDLimit	Qual	
Vinyl chloride		1.289	0.040	1	0	128 🗸	70	130	1.2	6.45	30		

S Spike Recovery outside accepted recovery limits

ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits