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August 24, 2016

Frank Kelder
1709 South Lawe Street
Appleton, WI 54915

Subject: Environmental Investigation Sampling Results
BRRTS#: 02-45-297744

Dear Mr. Kelder:

In accordance with the executed Agreement to Provide Access for Sampling Activities, and in accordance with Wisconsin Department of Natural Resources (WDNR) regulation NR 716.14, Environmental Forensic Investigations, Inc. (EnviroForensics) is providing the results of environmental samples collected from your property located at 1709 South Lawe Street in Appleton, Wisconsin on July 26 and July 27, 2016. The sampling activities are part of an environmental investigation being performed for the former Barb and Ron's Cleaners (Barb and Ron's) facility located at 1700 South Lawe Street, Appleton Wisconsin at the direction of the WDNR pursuant to the authority granted to it under State and Federal law. The chemicals of concern for the investigation are the dry cleaning solvent tetrachloroethene (PCE) and its associated breakdown products.

The Responsible Party is:

Ron Van Asten
W459 Cindy Ann Lane
Kaukauna, WI 54130
(920) 759-0226

Sampling Results

Two (2) indoor air samples designated 6403-1709-IA-B and 6403-1709-IA-1 were collected from the basement and first floor, respectively. A sub-slab sample designated 6403-1709-SSV-1 was collected from beneath your basement slab. The sampling locations are depicted on the attached **Figure 1**. The laboratory report that relates to the vapor and air samples is also attached.

As shown on **Table 1**, trichloroethene was detected in sample 6403-1709-IA-B at a concentration of 5.0 micrograms per liter ($\mu\text{g/L}$) which exceeds the WDNR's Residential Vapor

Action Level (VAL) of 2.1 $\mu\text{g/L}$. PCE was detected in the sub-slab vapor sample but at a concentration below the WDNR's Vapor Risk Screening Level.

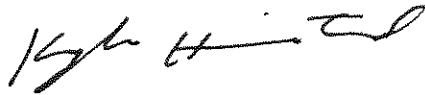
Multiple compounds unrelated to the former Barb and Ron's dry cleaning operations were also detected in the indoor air and sub-slab samples. Many of these compounds are found in common household cleaning products. No other chemicals of concern were detected in the indoor air samples, or the sub-slab vapor sample.

While no specific product was identified containing trichloroethene, it was noted that the household products were not removed for the current event as was done for the previous sampling event. The indoor air detection is likely related to a household product as well. One additional testing event will be required without the presence of household products to verify conditions.

If you have any questions or concerns, please contact us at 262-510-0612 or by email at rhoverman@enviroforensics.com. The WDNR project manager, Jennifer Borski, can be reached at 920-424-7887. We greatly appreciate your help and patience with this matter.

Sincerely,

Environmental Forensic Investigations, Inc.

A handwritten signature in black ink, appearing to read "Kyle Heimstead".

Kyle Heimstead
Staff Geologist

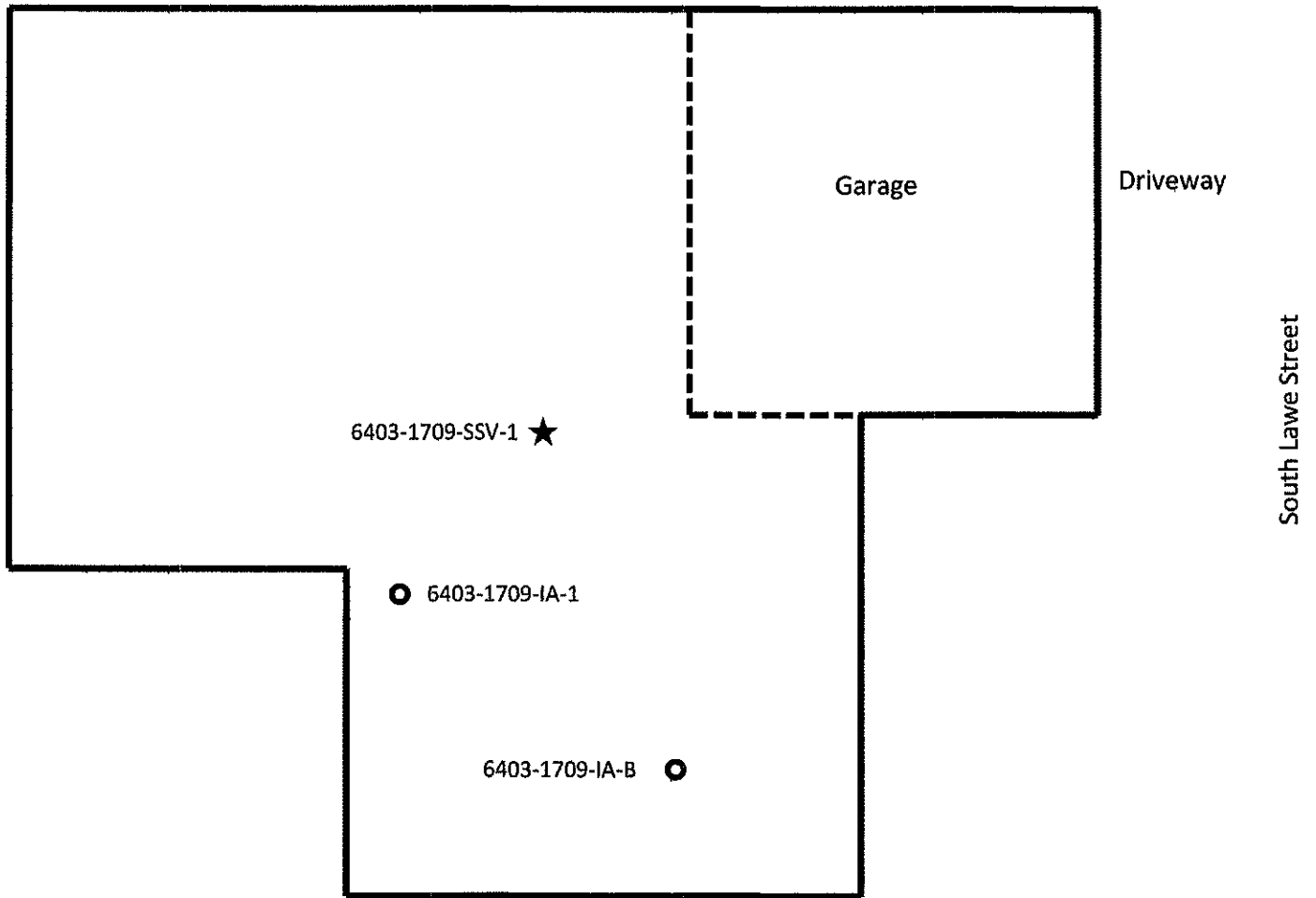
A handwritten signature in black ink, appearing to read "Rob Hoverman".

Rob Hoverman, LPG
Senior Project Manager

Copy: Jennifer Borski, Wisconsin Department of Natural Resources

Attachments: Vapor Intrusion Sample Locations
Vapor Intrusion Sampling Results
Laboratory Analytical Report

Figure 1
VAPOR INTRUSION SAMPLE LOCATIONS
1709 South Lawe Street, Appleton, Wisconsin



Legend

- = Indoor/Outdoor Air Sample
- ★ = Sub-slab Port Location
- IA-B = Basement
- IA-1 = 1st Floor
- SSV-1 = Sub-slab vapor



TABLE 1
SUMMARY OF VAPOR INTRUSION SAMPLING ANALYTICAL RESULTS

1709 S. LAWE STREET
Former Barb and Ron's Cleaners
1700 South Lawe Street,
Appleton, Wisconsin

Sample Address	Sample Identification	Sample Location	Applicable Criteria	Date Sampled	Chlorinated VOCs				
					Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride
INDOOR/ OUTDOOR AIR									
Residential Vapor Action Level					42	2.1	NE	NE	1.7
1709 S. Lawe St	6403-1709-IA-B	Basement	Residential	4/20/2016	<3.19	<1.07	<19.8	<39.6	<1.28
				7/27/2016	<0.40	5.0	<0.35	<0.55	<0.28
	6403-1709-IA-1	1st Floor		4/20/2016	<3.19	<1.07	<19.8	<39.6	<1.28
				7/27/2016	<0.51	<0.51	<0.45	<0.70	<0.36
	6403-OA-1	Outdoor		4/20/2016	<3.19	<1.07	<19.8	<39.6	<1.28
SUB-SLAB VAPOR									
Residential Vapor Risk Screening Level					1,400	70	NE	NE	57
1709 S. Lawe St	6403-1709-SSV-1	Basement	Residential	4/20/2016	<31.9	<10.7	<198	<396	<12.8
				7/27/2016	0.68J	<0.52	<0.46	<0.72	<0.36

Notes:

Results reported in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$)

Analysis performed by Envision Laboratory according to EPA Method TO-15

Sub-slab vapor screening levels derived using the attenuation factor of 0.03.

VOC = Volatile Organic Compounds

IA = Indoor Air

OA = Outdoor Air

SSV = Sub-Slab Vapor

NE = Not Established

Bolded values are above detection limits

Bolded and blue shaded concentrations exceed the applicable residential screening level

August 17, 2016

Rob Hoverman
EnviroForensics
N16 W23390 Stone Ridge Drive
Suite G
Waukesha, WI 53188

RE: Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

Dear Rob Hoverman:

Enclosed are the analytical results for sample(s) received by the laboratory on August 03, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
carolynne.trout@pacelabs.com
Project Manager

Enclosures

cc: Kyle Helmstead, EnviroForensics



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
525 N 8th Street, Salina, KS 67401
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Alabama Certification #40770
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: 8TMS-L
Florida/NELAP Certification #: E87605
Guam Certification #:14-008r
Georgia Certification #: 959
Georgia EPD #: Pace
Idaho Certification #: MN00064
Hawaii Certification #MN00064
Illinois Certification #: 200011
Indiana Certification#C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky Dept of Envl. Protection - DW #90062
Kentucky Dept of Envl. Protection - WW #:90062
Louisiana DEQ Certification #: 3086
Louisiana DHH #: LA140001
Maine Certification #: 2013011
Maryland Certification #: 322
Michigan DEPH Certification #: 9909

Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Carolina State Public Health #: 27700
North Dakota Certification #: R-036
Ohio EPA #: 4150
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Saipan (CNMI) #:MP0003
South Carolina #:74003001
Texas Certification #: T104704192
Tennessee Certification #: 02818
Utah Certification #: MN000642013-4
Virginia DGS Certification #: 251
Virginia/VELAP Certification #: Pace
Washington Certification #: C486
West Virginia Certification #: 382
West Virginia DHHR #:9952C
Wisconsin Certification #: 999407970

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10357717001	6403-1709-IA-B	Air	07/27/16 15:15	08/03/16 10:00
10357717002	6403-1709-IA-1	Air	07/27/16 15:12	08/03/16 10:00
10357717003	6403-1709-SSV-1	Air	07/27/16 15:57	08/03/16 10:00
10357717004	6403-1709-IA-B Can Cert	Air	07/27/16 15:15	08/03/16 10:00
10357717005	6403-1709-IA-1 Can Cert	Air	07/27/16 15:12	08/03/16 10:00
10357717006	Unused CERT Can#0493	Air		08/03/16 10:00
10357717007	Unused CERT Can#2154	Air		08/03/16 10:00
10357717008	Unused CERT Can#0309	Air		08/03/16 10:00
10357717009	Unused CERT Can#0264	Air		08/03/16 10:00
10357717010	Unused CERT Can#2618	Air		08/03/16 10:00

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SAMPLE ANALYTE COUNT

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10357717001	6403-1709-IA-B	TO-15	DR1	61
10357717002	6403-1709-IA-1	TO-15	DR1, NCK	61
10357717003	6403-1709-SSV-1	TO-15	DR1, NCK	61
10357717004	6403-1709-IA-B Can Cert	TO-15	MJL	61
10357717005	6403-1709-IA-1 Can Cert	TO-15	NCK	61

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

Method: TO-15
Description: TO15 MSV AIR
Client: EnviroForensics
Date: August 17, 2016

General Information:

3 samples were analyzed for TO-15. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 430401

CH: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

- LCS (Lab ID: 2341507)
- Dibromochloromethane

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

QC Batch: 430401

IU: The internal standard recoveries associated with this sample exceed the upper control limit. The reported results should be considered estimated values.

- 6403-1709-IA-1 (Lab ID: 10357717002)
- Ethanol

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

QC Batch: 430401

R1: RPD value was outside control limits.

- DUP (Lab ID: 2342713)
- Ethanol

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

Method: TO-15
Description: TO15 MSV AIR
Client: EnviroForensics
Date: August 17, 2016

Analyte Comments:

QC Batch: 430401

C0: Result confirmed by second analysis.

- 6403-1709-IA-1 (Lab ID: 10357717002)
- Ethanol

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- 6403-1709-IA-B (Lab ID: 10357717001)
- Ethanol
- DUP (Lab ID: 2342713)
- Ethanol

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

Method: TO-15
Description: Individual Can Certification
Client: EnviroForensics
Date: August 17, 2016

General Information:

2 samples were analyzed for TO-15. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

Sample: 6403-1709-IA-B Lab ID: 10357717001 Collected: 07/27/16 15:15 Received: 08/03/16 10:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-16									
Acetone	275	ug/m3	3.5	1.2	1.44		08/12/16 17:07	67-64-1	
Benzene	4.3	ug/m3	0.47	0.18	1.44		08/12/16 17:07	71-43-2	
Benzyl chloride	<0.24	ug/m3	1.5	0.24	1.44		08/12/16 17:07	100-44-7	
Bromodichloromethane	<0.28	ug/m3	2.0	0.28	1.44		08/12/16 17:07	75-27-4	
Bromoform	<1.3	ug/m3	7.6	1.3	1.44		08/12/16 17:07	75-25-2	
Bromomethane	<0.45	ug/m3	1.1	0.45	1.44		08/12/16 17:07	74-83-9	
1,3-Butadiene	<0.25	ug/m3	0.65	0.25	1.44		08/12/16 17:07	106-99-0	
2-Butanone (MEK)	12.2	ug/m3	4.3	0.33	1.44		08/12/16 17:07	78-93-3	
Carbon disulfide	0.83J	ug/m3	0.91	0.15	1.44		08/12/16 17:07	75-15-0	
Carbon tetrachloride	<0.28	ug/m3	0.92	0.28	1.44		08/12/16 17:07	56-23-5	
Chlorobenzene	<0.19	ug/m3	1.4	0.19	1.44		08/12/16 17:07	108-90-7	
Chloroethane	<0.28	ug/m3	0.78	0.28	1.44		08/12/16 17:07	75-00-3	
Chloroform	6.7	ug/m3	0.71	0.27	1.44		08/12/16 17:07	67-66-3	
Chloromethane	3.5	ug/m3	0.60	0.16	1.44		08/12/16 17:07	74-87-3	
Cyclohexane	9.2	ug/m3	1.0	0.46	1.44		08/12/16 17:07	110-82-7	
Dibromochloromethane	<1.2	ug/m3	2.5	1.2	1.44		08/12/16 17:07	124-48-1	
1,2-Dibromoethane (EDB)	<1.1	ug/m3	2.2	1.1	1.44		08/12/16 17:07	106-93-4	
1,2-Dichlorobenzene	<0.74	ug/m3	1.8	0.74	1.44		08/12/16 17:07	95-50-1	
1,3-Dichlorobenzene	<0.76	ug/m3	1.8	0.76	1.44		08/12/16 17:07	541-73-1	
1,4-Dichlorobenzene	<0.72	ug/m3	1.8	0.72	1.44		08/12/16 17:07	106-46-7	
Dichlorodifluoromethane	2.3	ug/m3	1.5	0.69	1.44		08/12/16 17:07	75-71-8	
1,1-Dichloroethane	<0.23	ug/m3	1.2	0.23	1.44		08/12/16 17:07	75-34-3	
1,2-Dichloroethane	3.3	ug/m3	0.59	0.30	1.44		08/12/16 17:07	107-06-2	
1,1-Dichloroethene	<0.34	ug/m3	1.2	0.34	1.44		08/12/16 17:07	75-35-4	
cis-1,2-Dichloroethene	<0.35	ug/m3	1.2	0.35	1.44		08/12/16 17:07	156-59-2	
trans-1,2-Dichloroethene	<0.55	ug/m3	1.2	0.55	1.44		08/12/16 17:07	156-60-5	
1,2-Dichloropropane	<0.39	ug/m3	1.4	0.39	1.44		08/12/16 17:07	78-87-5	
cis-1,3-Dichloropropene	<0.53	ug/m3	1.3	0.53	1.44		08/12/16 17:07	10061-01-5	
trans-1,3-Dichloropropene	<0.37	ug/m3	1.3	0.37	1.44		08/12/16 17:07	10061-02-6	
Dichlorotetrafluoroethane	<0.45	ug/m3	2.0	0.45	1.44		08/12/16 17:07	76-14-2	
Ethanol	1800	ug/m3	1.4	0.38	1.44		08/12/16 17:07	64-17-5	E
Ethyl acetate	38.4	ug/m3	1.1	0.50	1.44		08/12/16 17:07	141-78-6	
Ethylbenzene	6.2	ug/m3	1.3	0.61	1.44		08/12/16 17:07	100-41-4	
4-Ethyltoluene	<0.27	ug/m3	1.4	0.27	1.44		08/12/16 17:07	622-96-8	
n-Heptane	6.4	ug/m3	1.2	0.40	1.44		08/12/16 17:07	142-82-5	
Hexachloro-1,3-butadiene	<0.94	ug/m3	3.1	0.94	1.44		08/12/16 17:07	87-68-3	
n-Hexane	11.1	ug/m3	1.0	0.51	1.44		08/12/16 17:07	110-54-3	
2-Hexanone	2.0J	ug/m3	6.0	0.59	1.44		08/12/16 17:07	591-78-6	
Methylene Chloride	8.1	ug/m3	5.1	0.78	1.44		08/12/16 17:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.92J	ug/m3	6.0	0.31	1.44		08/12/16 17:07	108-10-1	
Methyl-tert-butyl ether	<0.44	ug/m3	5.3	0.44	1.44		08/12/16 17:07	1634-04-4	
Naphthalene	220	ug/m3	3.8	0.44	1.44		08/12/16 17:07	81-20-3	
2-Propanol	57.5	ug/m3	3.6	0.35	1.44		08/12/16 17:07	67-63-0	
Propylene	<0.19	ug/m3	0.50	0.19	1.44		08/12/16 17:07	115-07-1	
Styrene	1.4	ug/m3	1.3	0.28	1.44		08/12/16 17:07	100-42-5	
1,1,2,2-Tetrachloroethane	<0.47	ug/m3	1.0	0.47	1.44		08/12/16 17:07	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

Sample: 6403-1709-IA-B Lab ID: 10357717001 Collected: 07/27/16 15:15 Received: 08/03/16 10:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
Tetrachloroethene	<0.40	ug/m3	0.99	0.40	1.44		08/12/16 17:07	127-18-4	
Tetrahydrofuran	<0.17	ug/m3	0.86	0.17	1.44		08/12/16 17:07	109-99-9	
Toluene	36.0	ug/m3	1.1	0.22	1.44		08/12/16 17:07	108-88-3	
1,2,4-Trichlorobenzene	<1.3	ug/m3	5.4	1.3	1.44		08/12/16 17:07	120-82-1	
1,1,1-Trichloroethane	4.2	ug/m3	1.6	0.36	1.44		08/12/16 17:07	71-55-6	
1,1,2-Trichloroethane	<0.35	ug/m3	0.79	0.35	1.44		08/12/16 17:07	79-00-5	
Trichloroethene	5.0	ug/m3	0.79	0.40	1.44		08/12/16 17:07	79-01-6	
Trichlorofluoromethane	3.0	ug/m3	1.6	0.19	1.44		08/12/16 17:07	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.65J	ug/m3	2.3	0.43	1.44		08/12/16 17:07	76-13-1	
1,2,4-Trimethylbenzene	7.3	ug/m3	1.4	0.18	1.44		08/12/16 17:07	95-63-6	
1,3,5-Trimethylbenzene	2.1	ug/m3	1.4	0.26	1.44		08/12/16 17:07	108-67-8	
Vinyl acetate	<0.48	ug/m3	1.0	0.48	1.44		08/12/16 17:07	108-05-4	
Vinyl chloride	<0.28	ug/m3	0.37	0.28	1.44		08/12/16 17:07	75-01-4	
m&p-Xylene	24.4	ug/m3	2.5	1.1	1.44		08/12/16 17:07	179601-23-1	
o-Xylene	7.6	ug/m3	1.3	0.51	1.44		08/12/16 17:07	95-47-6	

Sample: 6403-1709-IA-1 Lab ID: 10357717002 Collected: 07/27/16 15:12 Received: 08/03/16 10:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
Acetone	290	ug/m3	4.4	1.5	1.83		08/12/16 16:37	67-64-1	
Benzene	6.2	ug/m3	0.59	0.22	1.83		08/12/16 16:37	71-43-2	
Benzyl chloride	<0.30	ug/m3	1.9	0.30	1.83		08/12/16 16:37	100-44-7	
Bromodichloromethane	<0.36	ug/m3	2.5	0.36	1.83		08/12/16 16:37	75-27-4	
Bromoform	<1.6	ug/m3	9.6	1.6	1.83		08/12/16 16:37	75-25-2	
Bromomethane	<0.57	ug/m3	1.4	0.57	1.83		08/12/16 16:37	74-83-9	
1,3-Butadiene	<0.32	ug/m3	0.82	0.32	1.83		08/12/16 16:37	106-99-0	
2-Butanone (MEK)	16.8	ug/m3	5.5	0.42	1.83		08/12/16 16:37	78-93-3	
Carbon disulfide	0.65J	ug/m3	1.2	0.18	1.83		08/12/16 16:37	75-15-0	
Carbon tetrachloride	<0.35	ug/m3	1.2	0.35	1.83		08/12/16 16:37	56-23-5	
Chlorobenzene	<0.25	ug/m3	1.7	0.25	1.83		08/12/16 16:37	108-90-7	
Chloroethane	<0.36	ug/m3	0.99	0.36	1.83		08/12/16 16:37	75-00-3	
Chloroform	7.4	ug/m3	0.91	0.35	1.83		08/12/16 16:37	67-66-3	
Chloromethane	4.0	ug/m3	0.77	0.20	1.83		08/12/16 16:37	74-87-3	
Cyclohexane	12.0	ug/m3	1.3	0.58	1.83		08/12/16 16:37	110-82-7	
Dibromochloromethane	<1.6	ug/m3	3.2	1.6	1.83		08/12/16 16:37	124-48-1	
1,2-Dibromoethane (EDB)	<1.4	ug/m3	2.9	1.4	1.83		08/12/16 16:37	106-93-4	
1,2-Dichlorobenzene	<0.94	ug/m3	2.2	0.94	1.83		08/12/16 16:37	95-50-1	
1,3-Dichlorobenzene	<0.97	ug/m3	2.2	0.97	1.83		08/12/16 16:37	541-73-1	
1,4-Dichlorobenzene	<0.91	ug/m3	2.2	0.91	1.83		08/12/16 16:37	106-46-7	
Dichlorodifluoromethane	2.2	ug/m3	1.8	0.88	1.83		08/12/16 16:37	75-71-8	
1,1-Dichloroethane	<0.29	ug/m3	1.5	0.29	1.83		08/12/16 16:37	75-34-3	
1,2-Dichloroethane	3.7	ug/m3	0.75	0.38	1.83		08/12/16 16:37	107-06-2	

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ANALYTICAL RESULTS

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

Sample: 6403-1709-IA-1 Lab ID: 10357717002 Collected: 07/27/16 15:12 Received: 08/03/16 10:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15							
1,1-Dichloroethene	<0.44	ug/m3	1.5	0.44	1.83		08/12/16 16:37	75-35-4	
cis-1,2-Dichloroethene	<0.45	ug/m3	1.5	0.45	1.83		08/12/16 16:37	156-59-2	
trans-1,2-Dichloroethene	<0.70	ug/m3	1.5	0.70	1.83		08/12/16 16:37	156-60-5	
1,2-Dichloropropane	<0.49	ug/m3	1.7	0.49	1.83		08/12/16 16:37	78-87-5	
cis-1,3-Dichloropropene	<0.68	ug/m3	1.7	0.68	1.83		08/12/16 16:37	10061-01-5	
trans-1,3-Dichloropropene	<0.48	ug/m3	1.7	0.48	1.83		08/12/16 16:37	10061-02-6	
Dichlorotetrafluoroethane	<0.57	ug/m3	2.6	0.57	1.83		08/12/16 16:37	76-14-2	
Ethanol	3290	ug/m3	17.5	4.8	18.3		08/16/16 03:22	64-17-5	C0,IU
Ethyl acetate	48.3	ug/m3	1.3	0.64	1.83		08/12/16 16:37	141-78-6	
Ethylbenzene	8.3	ug/m3	1.6	0.78	1.83		08/12/16 16:37	100-41-4	
4-Ethyltoluene	3.8	ug/m3	1.8	0.34	1.83		08/12/16 16:37	622-96-8	
n-Heptane	7.1	ug/m3	1.5	0.51	1.83		08/12/16 16:37	142-82-5	
Hexachloro-1,3-butadiene	<1.2	ug/m3	4.0	1.2	1.83		08/12/16 16:37	87-68-3	
n-Hexane	15.7	ug/m3	1.3	0.65	1.83		08/12/16 16:37	110-54-3	
2-Hexanone	3.3J	ug/m3	7.6	0.75	1.83		08/12/16 16:37	591-78-6	
Methylene Chloride	7.2	ug/m3	6.5	0.99	1.83		08/12/16 16:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	1.2J	ug/m3	7.6	0.40	1.83		08/12/16 16:37	108-10-1	
Methyl-tert-butyl ether	<0.55	ug/m3	6.7	0.55	1.83		08/12/16 16:37	1634-04-4	
Naphthalene	388	ug/m3	48.7	5.6	18.3		08/16/16 03:22	91-20-3	
2-Propanol	54.9	ug/m3	4.6	0.44	1.83		08/12/16 16:37	67-63-0	
Propylene	<0.25	ug/m3	0.64	0.25	1.83		08/12/16 16:37	115-07-1	
Styrene	1.7	ug/m3	1.6	0.35	1.83		08/12/16 16:37	100-42-5	
1,1,2,2-Tetrachloroethane	<0.60	ug/m3	1.3	0.60	1.83		08/12/16 16:37	79-34-5	
Tetrachloroethene	<0.51	ug/m3	1.3	0.51	1.83		08/12/16 16:37	127-18-4	
Tetrahydrofuran	<0.22	ug/m3	1.1	0.22	1.83		08/12/16 16:37	109-99-9	
Toluene	46.5	ug/m3	1.4	0.28	1.83		08/12/16 16:37	108-88-3	
1,2,4-Trichlorobenzene	<1.7	ug/m3	6.9	1.7	1.83		08/12/16 16:37	120-82-1	
1,1,1-Trichloroethane	2.4	ug/m3	2.0	0.45	1.83		08/12/16 16:37	71-55-6	
1,1,2-Trichloroethane	<0.45	ug/m3	1.0	0.45	1.83		08/12/16 16:37	79-00-5	
Trichloroethene	<0.51	ug/m3	1.0	0.51	1.83		08/12/16 16:37	79-01-6	
Trichlorofluoromethane	3.9	ug/m3	2.1	0.24	1.83		08/12/16 16:37	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.64J	ug/m3	2.9	0.55	1.83		08/12/16 16:37	76-13-1	
1,2,4-Trimethylbenzene	10.9	ug/m3	1.8	0.23	1.83		08/12/16 16:37	95-63-6	
1,3,5-Trimethylbenzene	3.1	ug/m3	1.8	0.33	1.83		08/12/16 16:37	108-67-8	
Vinyl acetate	<0.60	ug/m3	1.3	0.60	1.83		08/12/16 16:37	108-05-4	
Vinyl chloride	<0.36	ug/m3	0.48	0.36	1.83		08/12/16 16:37	75-01-4	
m&p-Xylene	32.7	ug/m3	3.2	1.4	1.83		08/12/16 16:37	179601-23-1	
o-Xylene	10.8	ug/m3	1.6	0.64	1.83		08/12/16 16:37	95-47-6	

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ANALYTICAL RESULTS

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

Sample: 6403-1709-SSV-1 Lab ID: 10357717003 Collected: 07/27/16 15:57 Received: 08/03/16 10:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15									
Acetone	52.7	ug/m3	4.5	1.6	1.87		08/12/16 18:08	67-64-1	
Benzene	1.9	ug/m3	0.61	0.23	1.87		08/12/16 18:08	71-43-2	
Benzyl chloride	<0.31	ug/m3	2.0	0.31	1.87		08/12/16 18:08	100-44-7	
Bromodichloromethane	<0.36	ug/m3	2.5	0.36	1.87		08/12/16 18:08	75-27-4	
Bromoform	<1.7	ug/m3	9.8	1.7	1.87		08/12/16 18:08	75-25-2	
Bromomethane	<0.58	ug/m3	1.5	0.58	1.87		08/12/16 18:08	74-83-9	
1,3-Butadiene	0.71J	ug/m3	0.84	0.33	1.87		08/12/16 18:08	106-99-0	
2-Butanone (MEK)	13.2	ug/m3	5.6	0.43	1.87		08/12/16 18:08	78-93-3	
Carbon disulfide	2.3	ug/m3	1.2	0.19	1.87		08/12/16 18:08	75-15-0	
Carbon tetrachloride	<0.36	ug/m3	1.2	0.36	1.87		08/12/16 18:08	56-23-5	
Chlorobenzene	<0.25	ug/m3	1.8	0.25	1.87		08/12/16 18:08	108-90-7	
Chloroethane	<0.36	ug/m3	1.0	0.36	1.87		08/12/16 18:08	75-00-3	
Chloroform	1.6	ug/m3	0.93	0.36	1.87		08/12/16 18:08	67-66-3	
Chloromethane	<0.20	ug/m3	0.79	0.20	1.87		08/12/16 18:08	74-87-3	
Cyclohexane	3.5	ug/m3	1.3	0.59	1.87		08/12/16 18:08	110-82-7	
Dibromochloromethane	<1.6	ug/m3	3.2	1.6	1.87		08/12/16 18:08	124-48-1	
1,2-Dibromoethane (EDB)	<1.4	ug/m3	2.9	1.4	1.87		08/12/16 18:08	106-93-4	
1,2-Dichlorobenzene	<0.96	ug/m3	2.3	0.96	1.87		08/12/16 18:08	95-50-1	
1,3-Dichlorobenzene	<0.99	ug/m3	2.3	0.99	1.87		08/12/16 18:08	541-73-1	
1,4-Dichlorobenzene	<0.93	ug/m3	2.3	0.93	1.87		08/12/16 18:08	106-46-7	
Dichlorodifluoromethane	2.4	ug/m3	1.9	0.90	1.87		08/12/16 18:08	75-71-8	
1,1-Dichloroethane	<0.29	ug/m3	1.5	0.29	1.87		08/12/16 18:08	75-34-3	
1,2-Dichloroethane	<0.38	ug/m3	0.77	0.38	1.87		08/12/16 18:08	107-06-2	
1,1-Dichloroethene	<0.45	ug/m3	1.5	0.45	1.87		08/12/16 18:08	75-35-4	
cis-1,2-Dichloroethene	<0.46	ug/m3	1.5	0.46	1.87		08/12/16 18:08	156-59-2	
trans-1,2-Dichloroethene	<0.72	ug/m3	1.5	0.72	1.87		08/12/16 18:08	156-60-5	
1,2-Dichloropropane	<0.50	ug/m3	1.8	0.50	1.87		08/12/16 18:08	78-87-5	
cis-1,3-Dichloropropene	<0.69	ug/m3	1.7	0.69	1.87		08/12/16 18:08	10061-01-5	
trans-1,3-Dichloropropene	<0.49	ug/m3	1.7	0.49	1.87		08/12/16 18:08	10061-02-6	
Dichlorotetrafluoroethane	<0.58	ug/m3	2.7	0.58	1.87		08/12/16 18:08	76-14-2	
Ethanol	44.4	ug/m3	1.8	0.50	1.87		08/12/16 18:08	64-17-5	
Ethyl acetate	<0.65	ug/m3	1.4	0.65	1.87		08/12/16 18:08	141-78-6	
Ethylbenzene	3.5	ug/m3	1.6	0.79	1.87		08/12/16 18:08	100-41-4	
4-Ethyltoluene	2.1	ug/m3	1.9	0.35	1.87		08/12/16 18:08	622-96-8	
n-Heptane	5.6	ug/m3	1.6	0.52	1.87		08/12/16 18:08	142-82-5	
Hexachloro-1,3-butadiene	<1.2	ug/m3	4.1	1.2	1.87		08/12/16 18:08	87-68-3	
n-Hexane	12.5	ug/m3	1.3	0.67	1.87		08/12/16 18:08	110-54-3	
2-Hexanone	5.3J	ug/m3	7.8	0.77	1.87		08/12/16 18:08	591-78-6	
Methylene Chloride	44.5	ug/m3	6.6	1.0	1.87		08/12/16 18:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	1.4J	ug/m3	7.8	0.41	1.87		08/12/16 18:08	108-10-1	
Methyl-tert-butyl ether	<0.57	ug/m3	6.9	0.57	1.87		08/12/16 18:08	1634-04-4	
Naphthalene	505	ug/m3	147	16.9	55.35		08/16/16 03:50	91-20-3	
2-Propanol	6.8	ug/m3	4.7	0.45	1.87		08/12/16 18:08	67-63-0	
Propylene	<0.25	ug/m3	0.65	0.25	1.87		08/12/16 18:08	115-07-1	
Styrene	1.4J	ug/m3	1.6	0.36	1.87		08/12/16 18:08	100-42-5	
1,1,2,2-Tetrachloroethane	<0.62	ug/m3	1.3	0.62	1.87		08/12/16 18:08	79-34-5	

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ANALYTICAL RESULTS

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

Sample: 6403-1709-SSV-1 Lab ID: 10357717003 Collected: 07/27/16 15:57 Received: 08/03/16 10:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-16							
Tetrachloroethene	0.68J	ug/m3	1.3	0.52	1.87		08/12/16 18:08	127-18-4	
Tetrahydrofuran	<0.22	ug/m3	1.1	0.22	1.87		08/12/16 18:08	109-99-9	
Toluene	8.0	ug/m3	1.4	0.29	1.87		08/12/16 18:08	108-88-3	
1,2,4-Trichlorobenzene	<1.7	ug/m3	7.0	1.7	1.87		08/12/16 18:08	120-82-1	
1,1,1-Trichloroethane	1.9J	ug/m3	2.1	0.46	1.87		08/12/16 18:08	71-55-6	
1,1,2-Trichloroethane	<0.46	ug/m3	1.0	0.46	1.87		08/12/16 18:08	79-00-5	
Trichloroethene	<0.52	ug/m3	1.0	0.52	1.87		08/12/16 18:08	79-01-6	
Trichlorofluoromethane	3.0	ug/m3	2.1	0.25	1.87		08/12/16 18:08	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.73J	ug/m3	3.0	0.56	1.87		08/12/16 18:08	76-13-1	
1,2,4-Trimethylbenzene	5.9	ug/m3	1.9	0.23	1.87		08/12/16 18:08	95-63-6	
1,3,5-Trimethylbenzene	1.4J	ug/m3	1.9	0.34	1.87		08/12/16 18:08	108-67-8	
Vinyl acetate	<0.62	ug/m3	1.3	0.62	1.87		08/12/16 18:08	108-05-4	
Vinyl chloride	<0.36	ug/m3	0.49	0.36	1.87		08/12/16 18:08	75-01-4	
m&p-Xylene	8.3	ug/m3	3.3	1.5	1.87		08/12/16 18:08	179601-23-1	
o-Xylene	2.8	ug/m3	1.6	0.66	1.87		08/12/16 18:08	95-47-6	

Sample: 6403-1709-IA-B Can Cert Lab ID: 10357717004 Collected: 07/27/16 15:15 Received: 08/03/16 10:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification		Analytical Method: TO-16							
Acetone	<0.83	ug/m3	2.4	0.83	1		05/11/16 16:45	67-64-1	
Benzene	<0.12	ug/m3	0.65	0.12	1		05/11/16 16:45	71-43-2	
Benzyl chloride	<0.17	ug/m3	2.6	0.17	1		05/11/16 16:45	100-44-7	
Bromodichloromethane	<0.19	ug/m3	1.4	0.19	1		05/11/16 16:45	75-27-4	
Bromoform	<0.90	ug/m3	5.3	0.90	1		05/11/16 16:45	75-25-2	
Bromomethane	<0.31	ug/m3	0.79	0.31	1		05/11/16 16:45	74-83-9	
1,3-Butadiene	<0.18	ug/m3	0.45	0.18	1		05/11/16 16:45	106-99-0	
2-Butanone (MEK)	<0.23	ug/m3	3.0	0.23	1		05/11/16 16:45	78-93-3	
Carbon disulfide	<0.10	ug/m3	0.63	0.10	1		05/11/16 16:45	75-15-0	
Carbon tetrachloride	<0.19	ug/m3	1.3	0.19	1		05/11/16 16:45	56-23-5	
Chlorobenzene	<0.13	ug/m3	0.94	0.13	1		05/11/16 16:45	108-90-7	
Chloroethane	<0.19	ug/m3	0.54	0.19	1		05/11/16 16:45	75-00-3	
Chloroform	<0.19	ug/m3	0.99	0.19	1		05/11/16 16:45	67-66-3	
Chloromethane	<0.11	ug/m3	0.42	0.11	1		05/11/16 16:45	74-87-3	
Cyclohexane	<0.32	ug/m3	0.70	0.32	1		05/11/16 16:45	110-82-7	
Dibromochloromethane	<0.86	ug/m3	4.3	0.86	1		05/11/16 16:45	124-48-1	
1,2-Dibromoethane (EDB)	<0.77	ug/m3	1.6	0.77	1		05/11/16 16:45	106-93-4	
1,2-Dichlorobenzene	<0.51	ug/m3	3.1	0.51	1		05/11/16 16:45	95-50-1	
1,3-Dichlorobenzene	<0.53	ug/m3	3.1	0.53	1		05/11/16 16:45	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/m3	3.1	0.50	1		05/11/16 16:45	106-46-7	
Dichlorodifluoromethane	<0.48	ug/m3	1.0	0.48	1		05/11/16 16:45	75-71-8	
1,1-Dichloroethane	<0.16	ug/m3	0.82	0.16	1		05/11/16 16:45	75-34-3	
1,2-Dichloroethane	<0.20	ug/m3	0.41	0.20	1		05/11/16 16:45	107-06-2	

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ANALYTICAL RESULTS

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

Sample: 6403-1709-1A-B Can Cert Lab ID: 10357717004 Collected: 07/27/16 15:15 Received: 08/03/16 10:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification		Analytical Method: TO-15							
1,1-Dichloroethene	<0.24	ug/m3	0.81	0.24	1		05/11/16 16:45	75-35-4	
cis-1,2-Dichloroethene	<0.25	ug/m3	0.81	0.25	1		05/11/16 16:45	156-59-2	
trans-1,2-Dichloroethene	<0.38	ug/m3	0.81	0.38	1		05/11/16 16:45	156-60-5	
1,2-Dichloropropane	<0.27	ug/m3	0.94	0.27	1		05/11/16 16:45	78-87-5	
cis-1,3-Dichloropropene	<0.37	ug/m3	0.92	0.37	1		05/11/16 16:45	10061-01-5	
trans-1,3-Dichloropropene	<0.26	ug/m3	0.92	0.26	1		05/11/16 16:45	10061-02-6	
Dichlorotetrafluoroethane	<0.31	ug/m3	1.4	0.31	1		05/11/16 16:45	76-14-2	
Ethanol	<0.26	ug/m3	4.8	0.26	1		05/11/16 16:45	64-17-5	
Ethyl acetate	<0.35	ug/m3	0.73	0.35	1		05/11/16 16:45	141-78-6	
Ethylbenzene	<0.42	ug/m3	0.88	0.42	1		05/11/16 16:45	100-41-4	
4-Ethyltoluene	<0.19	ug/m3	2.5	0.19	1		05/11/16 16:45	622-96-8	
n-Heptane	<0.28	ug/m3	0.83	0.28	1		05/11/16 16:45	142-82-5	
Hexachloro-1,3-butadiene	<0.65	ug/m3	5.4	0.65	1		05/11/16 16:45	87-68-3	
n-Hexane	<0.36	ug/m3	0.72	0.36	1		05/11/16 16:45	110-54-3	
2-Hexanone	<0.41	ug/m3	4.2	0.41	1		05/11/16 16:45	591-78-6	
Methylene Chloride	<0.54	ug/m3	3.5	0.54	1		05/11/16 16:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.22	ug/m3	4.2	0.22	1		05/11/16 16:45	108-10-1	
Methyl-tert-butyl ether	<0.30	ug/m3	3.7	0.30	1		05/11/16 16:45	1634-04-4	
Naphthalene	2.4J	ug/m3	2.7	0.30	1		05/11/16 16:45	91-20-3	
2-Propanol	<0.24	ug/m3	6.2	0.24	1		05/11/16 16:45	67-63-0	
Propylene	<0.14	ug/m3	0.35	0.14	1		05/11/16 16:45	115-07-1	
Styrene	<0.19	ug/m3	2.2	0.19	1		05/11/16 16:45	100-42-5	
1,1,2,2-Tetrachloroethane	<0.33	ug/m3	3.5	0.33	1		05/11/16 16:45	79-34-5	
Tetrachloroethene	<0.28	ug/m3	0.69	0.28	1		05/11/16 16:45	127-18-4	
Tetrahydrofuran	<0.12	ug/m3	0.60	0.12	1		05/11/16 16:45	109-99-9	
Toluene	<0.15	ug/m3	0.77	0.15	1		05/11/16 16:45	108-88-3	
1,2,4-Trichlorobenzene	<0.91	ug/m3	3.8	0.91	1		05/11/16 16:45	120-82-1	
1,1,1-Trichloroethane	<0.25	ug/m3	1.1	0.25	1		05/11/16 16:45	71-55-6	
1,1,2-Trichloroethane	<0.25	ug/m3	1.1	0.25	1		05/11/16 16:45	79-00-5	
Trichloroethene	<0.28	ug/m3	1.1	0.28	1		05/11/16 16:45	79-01-6	
Trichlorofluoromethane	<0.13	ug/m3	1.1	0.13	1		05/11/16 16:45	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.30	ug/m3	1.6	0.30	1		05/11/16 16:45	76-13-1	
1,2,4-Trimethylbenzene	<0.12	ug/m3	2.5	0.12	1		05/11/16 16:45	95-63-6	
1,3,5-Trimethylbenzene	<0.18	ug/m3	2.5	0.18	1		05/11/16 16:45	108-67-8	
Vinyl acetate	<0.33	ug/m3	1.8	0.33	1		05/11/16 16:45	108-05-4	
Vinyl chloride	<0.20	ug/m3	0.26	0.20	1		05/11/16 16:45	75-01-4	
m&p-Xylene	<0.79	ug/m3	4.4	0.79	1		05/11/16 16:45	179601-23-1	
o-Xylene	<0.35	ug/m3	0.88	0.35	1		05/11/16 16:45	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

Sample: 6403-1709-IA-1 Can Cert Lab ID: 10357717005 Collected: 07/27/16 15:12 Received: 08/03/16 10:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification		Analytical Method: TO-15							
Acetone	<0.51	ug/m3	2.4	0.51	1		05/12/16 09:23	67-64-1	
Benzene	<0.16	ug/m3	0.65	0.16	1		05/12/16 09:23	71-43-2	
Benzyl chloride	<0.53	ug/m3	2.6	0.53	1		05/12/16 09:23	100-44-7	
Bromodichloromethane	<0.070	ug/m3	1.4	0.070	1		05/12/16 09:23	75-27-4	
Bromoform	<0.11	ug/m3	2.1	0.11	1		05/12/16 09:23	75-25-2	
Bromomethane	<0.62	ug/m3	0.79	0.62	1		05/12/16 09:23	74-83-9	
1,3-Butadiene	<0.29	ug/m3	0.45	0.29	1		05/12/16 09:23	106-99-0	
2-Butanone (MEK)	<1.5	ug/m3	3.0	1.5	1		05/12/16 09:23	78-93-3	
Carbon disulfide	<0.038	ug/m3	0.63	0.038	1		05/12/16 09:23	75-15-0	
Carbon tetrachloride	<0.068	ug/m3	0.64	0.068	1		05/12/16 09:23	56-23-5	
Chlorobenzene	<0.47	ug/m3	0.94	0.47	1		05/12/16 09:23	108-90-7	
Chloroethane	<0.031	ug/m3	0.54	0.031	1		05/12/16 09:23	75-00-3	
Chloroform	<0.25	ug/m3	0.99	0.25	1		05/12/16 09:23	67-66-3	
Chloromethane	<0.021	ug/m3	0.42	0.021	1		05/12/16 09:23	74-87-3	
Cyclohexane	<0.052	ug/m3	0.70	0.052	1		05/12/16 09:23	110-82-7	
Dibromochloromethane	<0.87	ug/m3	1.7	0.87	1		05/12/16 09:23	124-48-1	
1,2-Dibromoethane (EDB)	<0.78	ug/m3	1.6	0.78	1		05/12/16 09:23	106-93-4	
1,2-Dichlorobenzene	<0.61	ug/m3	3.1	0.61	1		05/12/16 09:23	95-50-1	
1,3-Dichlorobenzene	<0.61	ug/m3	1.2	0.61	1		05/12/16 09:23	541-73-1	
1,4-Dichlorobenzene	<0.062	ug/m3	3.1	0.062	1		05/12/16 09:23	106-46-7	
Dichlorodifluoromethane	<0.50	ug/m3	1.0	0.50	1		05/12/16 09:23	75-71-8	
1,1-Dichloroethane	<0.41	ug/m3	0.82	0.41	1		05/12/16 09:23	75-34-3	
1,2-Dichloroethane	<0.046	ug/m3	0.41	0.046	1		05/12/16 09:23	107-06-2	
1,1-Dichloroethene	<0.051	ug/m3	0.81	0.051	1		05/12/16 09:23	75-35-4	
cis-1,2-Dichloroethene	<0.041	ug/m3	0.81	0.041	1		05/12/16 09:23	156-59-2	
trans-1,2-Dichloroethene	<0.041	ug/m3	0.81	0.041	1		05/12/16 09:23	156-60-5	
1,2-Dichloropropane	<0.47	ug/m3	0.94	0.47	1		05/12/16 09:23	78-87-5	
cis-1,3-Dichloropropene	<0.46	ug/m3	0.92	0.46	1		05/12/16 09:23	10061-01-5	
trans-1,3-Dichloropropene	<0.46	ug/m3	2.3	0.46	1		05/12/16 09:23	10061-02-6	
Dichlorotetrafluoroethane	<0.71	ug/m3	1.4	0.71	1		05/12/16 09:23	76-14-2	
Ethanol	<0.96	ug/m3	1.9	0.96	1		05/12/16 09:23	64-17-5	
Ethyl acetate	<0.37	ug/m3	0.73	0.37	1		05/12/16 09:23	141-78-6	
Ethylbenzene	<0.44	ug/m3	2.2	0.44	1		05/12/16 09:23	100-41-4	
4-Ethyltoluene	<0.50	ug/m3	1.0	0.50	1		05/12/16 09:23	622-96-8	
n-Heptane	<0.42	ug/m3	0.83	0.42	1		05/12/16 09:23	142-82-5	
Hexachloro-1,3-butadiene	<5.4	ug/m3	5.4	5.4	1		05/12/16 09:23	87-68-3	
n-Hexane	<0.055	ug/m3	0.72	0.055	1		05/12/16 09:23	110-54-3	
2-Hexanone	<2.1	ug/m3	4.2	2.1	1		05/12/16 09:23	591-78-6	
Methylene Chloride	<1.8	ug/m3	3.5	1.8	1		05/12/16 09:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/m3	4.2	2.1	1		05/12/16 09:23	108-10-1	
Methyl-tert-butyl ether	<1.8	ug/m3	3.7	1.8	1		05/12/16 09:23	1634-04-4	
Naphthalene	<2.7	ug/m3	5.3	2.7	1		05/12/16 09:23	91-20-3	
2-Propanol	<0.48	ug/m3	2.5	0.48	1		05/12/16 09:23	67-63-0	
Propylene	0.24J	ug/m3	0.88	0.023	1		05/12/16 09:23	115-07-1	
Styrene	<0.43	ug/m3	0.87	0.43	1		05/12/16 09:23	100-42-5	
1,1,2,2-Tetrachloroethane	<0.35	ug/m3	1.4	0.35	1		05/12/16 09:23	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

Sample: 6403-1709-IA-1 Can Cert Lab ID: 10357717005 Collected: 07/27/16 15:12 Received: 08/03/16 10:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification		Analytical Method: TO-15							
Tetrachloroethene	<0.34	ug/m3	0.69	0.34	1		05/12/16 09:23	127-18-4	
Tetrahydrofuran	<0.030	ug/m3	0.60	0.030	1		05/12/16 09:23	109-99-9	
Toluene	<0.38	ug/m3	0.77	0.38	1		05/12/16 09:23	108-88-3	
1,2,4-Trichlorobenzene	<3.8	ug/m3	7.5	3.8	1		05/12/16 09:23	120-82-1	
1,1,1-Trichloroethane	<0.56	ug/m3	1.1	0.56	1		05/12/16 09:23	71-55-6	
1,1,2-Trichloroethane	<0.056	ug/m3	0.55	0.056	1		05/12/16 09:23	79-00-5	
Trichloroethene	<0.27	ug/m3	0.55	0.27	1		05/12/16 09:23	79-01-6	
Trichlorofluoromethane	<0.68	ug/m3	1.1	0.68	1		05/12/16 09:23	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.78	ug/m3	1.6	0.78	1		05/12/16 09:23	76-13-1	
1,2,4-Trimethylbenzene	<0.052	ug/m3	2.5	0.052	1		05/12/16 09:23	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/m3	1.0	0.50	1		05/12/16 09:23	108-67-8	
Vinyl acetate	<0.045	ug/m3	0.72	0.045	1		05/12/16 09:23	108-05-4	
Vinyl chloride	<0.027	ug/m3	0.26	0.027	1		05/12/16 09:23	75-01-4	
m&p-Xylene	<0.88	ug/m3	1.8	0.88	1		05/12/16 09:23	179601-23-1	
o-Xylene	<0.44	ug/m3	0.88	0.44	1		05/12/16 09:23	95-47-6	

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QUALITY CONTROL DATA

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

QC Batch: 430401 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10357717001, 10357717002, 10357717003

METHOD BLANK: 2341506 Matrix: Air
Associated Lab Samples: 10357717001, 10357717002, 10357717003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.25	1.1	08/12/16 11:19	
1,1,2,2-Tetrachloroethane	ug/m3	<0.33	0.70	08/12/16 11:19	
1,1,2-Trichloroethane	ug/m3	<0.25	0.55	08/12/16 11:19	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.30	1.6	08/12/16 11:19	
1,1-Dichloroethane	ug/m3	<0.16	0.82	08/12/16 11:19	
1,1-Dichloroethene	ug/m3	<0.24	0.81	08/12/16 11:19	
1,2,4-Trichlorobenzene	ug/m3	<0.91	3.8	08/12/16 11:19	
1,2,4-Trimethylbenzene	ug/m3	<0.12	1.0	08/12/16 11:19	
1,2-Dibromoethane (EDB)	ug/m3	<0.77	1.6	08/12/16 11:19	
1,2-Dichlorobenzene	ug/m3	<0.51	1.2	08/12/16 11:19	
1,2-Dichloroethane	ug/m3	<0.20	0.41	08/12/16 11:19	
1,2-Dichloropropane	ug/m3	<0.27	0.94	08/12/16 11:19	
1,3,5-Trimethylbenzene	ug/m3	<0.18	1.0	08/12/16 11:19	
1,3-Butadiene	ug/m3	<0.18	0.45	08/12/16 11:19	
1,3-Dichlorobenzene	ug/m3	<0.53	1.2	08/12/16 11:19	
1,4-Dichlorobenzene	ug/m3	<0.50	1.2	08/12/16 11:19	
2-Butanone (MEK)	ug/m3	<0.23	3.0	08/12/16 11:19	
2-Hexanone	ug/m3	<0.41	4.2	08/12/16 11:19	
2-Propanol	ug/m3	<0.24	2.5	08/12/16 11:19	
4-Ethyltoluene	ug/m3	<0.19	1.0	08/12/16 11:19	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.22	4.2	08/12/16 11:19	
Acetone	ug/m3	<0.83	2.4	08/12/16 11:19	
Benzene	ug/m3	<0.12	0.32	08/12/16 11:19	
Benzyl chloride	ug/m3	<0.17	1.0	08/12/16 11:19	
Bromodichloromethane	ug/m3	<0.19	1.4	08/12/16 11:19	
Bromoform	ug/m3	<0.90	5.3	08/12/16 11:19	
Bromomethane	ug/m3	<0.31	0.79	08/12/16 11:19	
Carbon disulfide	ug/m3	<0.10	0.63	08/12/16 11:19	
Carbon tetrachloride	ug/m3	<0.19	0.64	08/12/16 11:19	
Chlorobenzene	ug/m3	<0.13	0.94	08/12/16 11:19	
Chloroethane	ug/m3	<0.19	0.54	08/12/16 11:19	
Chloroform	ug/m3	<0.19	0.50	08/12/16 11:19	
Chloromethane	ug/m3	<0.11	0.42	08/12/16 11:19	
cis-1,2-Dichloroethene	ug/m3	<0.25	0.81	08/12/16 11:19	
cis-1,3-Dichloropropene	ug/m3	<0.37	0.92	08/12/16 11:19	
Cyclohexane	ug/m3	<0.32	0.70	08/12/16 11:19	
Dibromochloromethane	ug/m3	<0.86	1.7	08/12/16 11:19	
Dichlorodifluoromethane	ug/m3	<0.48	1.0	08/12/16 11:19	
Dichlorotetrafluoroethane	ug/m3	<0.31	1.4	08/12/16 11:19	
Ethanol	ug/m3	<0.26	0.96	08/12/16 11:19	
Ethyl acetate	ug/m3	<0.35	0.73	08/12/16 11:19	

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QUALITY CONTROL DATA

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

METHOD BLANK: 2341506 Matrix: Air
Associated Lab Samples: 10357717001, 10357717002, 10357717003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/m3	<0.42	0.88	08/12/16 11:19	
Hexachloro-1,3-butadiene	ug/m3	<0.65	2.2	08/12/16 11:19	
m&p-Xylene	ug/m3	<0.79	1.8	08/12/16 11:19	
Methyl-tert-butyl ether	ug/m3	<0.30	3.7	08/12/16 11:19	
Methylene Chloride	ug/m3	<0.54	3.5	08/12/16 11:19	
n-Heptane	ug/m3	<0.28	0.83	08/12/16 11:19	
n-Hexane	ug/m3	<0.36	0.72	08/12/16 11:19	
Naphthalene	ug/m3	<0.30	2.7	08/12/16 11:19	
o-Xylene	ug/m3	<0.35	0.88	08/12/16 11:19	
Propylene	ug/m3	<0.14	0.35	08/12/16 11:19	
Styrene	ug/m3	<0.19	0.87	08/12/16 11:19	
Tetrachloroethene	ug/m3	<0.28	0.69	08/12/16 11:19	
Tetrahydrofuran	ug/m3	<0.12	0.60	08/12/16 11:19	
Toluene	ug/m3	<0.15	0.77	08/12/16 11:19	
trans-1,2-Dichloroethene	ug/m3	<0.38	0.81	08/12/16 11:19	
trans-1,3-Dichloropropene	ug/m3	<0.26	0.92	08/12/16 11:19	
Trichloroethene	ug/m3	<0.28	0.55	08/12/16 11:19	
Trichlorofluoromethane	ug/m3	<0.13	1.1	08/12/16 11:19	
Vinyl acetate	ug/m3	<0.33	0.72	08/12/16 11:19	
Vinyl chloride	ug/m3	<0.20	0.26	08/12/16 11:19	

LABORATORY CONTROL SAMPLE: 2341507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	61.0	110	60-143	
1,1,1,2-Tetrachloroethane	ug/m3	69.8	84.8	122	49-150	
1,1,2-Trichloroethane	ug/m3	55.5	60.1	108	57-149	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	87.3	112	66-131	
1,1-Dichloroethane	ug/m3	41.2	44.5	108	62-139	
1,1-Dichloroethene	ug/m3	40.3	43.4	108	62-135	
1,2,4-Trichlorobenzene	ug/m3	75.5	75.5	100	55-146	
1,2,4-Trimethylbenzene	ug/m3	50	60.9	122	57-143	
1,2-Dibromoethane (EDB)	ug/m3	78.1	94.2	121	63-150	
1,2-Dichlorobenzene	ug/m3	61.2	78.6	129	57-141	
1,2-Dichloroethane	ug/m3	41.2	46.9	114	61-144	
1,2-Dichloropropane	ug/m3	47	50.1	107	63-144	
1,3,5-Trimethylbenzene	ug/m3	50	59.6	119	54-147	
1,3-Butadiene	ug/m3	22.5	23.4	104	61-140	
1,3-Dichlorobenzene	ug/m3	61.2	71.4	117	51-150	
1,4-Dichlorobenzene	ug/m3	61.2	67.9	111	57-143	
2-Butanone (MEK)	ug/m3	30	30.8	103	66-144	
2-Hexanone	ug/m3	104	114	110	63-147	
2-Propanol	ug/m3	125	136	109	54-146	
4-Ethyltoluene	ug/m3	50	62.0	124	56-150	

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QUALITY CONTROL DATA

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

LABORATORY CONTROL SAMPLE: 2341507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	104	118	113	58-150	
Acetone	ug/m3	121	128	106	46-140	
Benzene	ug/m3	32.5	34.8	107	62-141	
Benzyl chloride	ug/m3	52.5	66.0	126	66-138	
Bromodichloromethane	ug/m3	68.2	75.6	111	58-149	
Bromoform	ug/m3	105	107	102	61-150	
Bromomethane	ug/m3	39.5	41.6	105	58-136	
Carbon disulfide	ug/m3	31.7	33.2	105	59-135	
Carbon tetrachloride	ug/m3	64	77.8	122	60-149	
Chlorobenzene	ug/m3	46.8	52.2	112	60-150	
Chloroethane	ug/m3	26.8	27.4	102	61-136	
Chloroform	ug/m3	49.7	56.1	113	65-138	
Chloromethane	ug/m3	21	22.1	105	62-133	
cis-1,2-Dichloroethene	ug/m3	40.3	44.1	109	65-139	
cis-1,3-Dichloropropene	ug/m3	46.2	51.5	112	61-149	
Cyclohexane	ug/m3	35	36.4	104	64-134	
Dibromochloromethane	ug/m3	86.6	115	133	59-150	CH
Dichlorodifluoromethane	ug/m3	50.3	52.7	105	63-134	
Dichlorotetrafluoroethane	ug/m3	71.1	74.3	104	62-134	
Ethanol	ug/m3	95.8	91.2	95	50-144	
Ethyl acetate	ug/m3	36.6	40.7	111	55-146	
Ethylbenzene	ug/m3	44.2	51.5	117	59-149	
Hexachloro-1,3-butadiene	ug/m3	108	109	101	42-150	
m&p-Xylene	ug/m3	88.3	94.7	107	59-146	
Methyl-tert-butyl ether	ug/m3	91.6	99.6	109	64-135	
Methylene Chloride	ug/m3	177	186	105	64-128	
n-Heptane	ug/m3	41.7	41.7	100	64-140	
n-Hexane	ug/m3	35.8	38.0	106	50-138	
Naphthalene	ug/m3	53.3	58.6	110	46-146	
o-Xylene	ug/m3	44.2	50.9	115	54-149	
Propylene	ug/m3	17.5	18.0	103	58-135	
Styrene	ug/m3	43.3	52.2	121	54-150	
Tetrachloroethene	ug/m3	69	76.3	111	60-142	
Tetrahydrofuran	ug/m3	30	31.1	104	56-143	
Toluene	ug/m3	38.3	39.6	103	61-138	
trans-1,2-Dichloroethene	ug/m3	40.3	43.9	109	67-137	
trans-1,3-Dichloropropene	ug/m3	46.2	52.6	114	59-145	
Trichloroethene	ug/m3	54.6	57.3	105	60-144	
Trichlorofluoromethane	ug/m3	57.1	63.4	111	59-134	
Vinyl acetate	ug/m3	35.8	41.2	115	55-143	
Vinyl chloride	ug/m3	26	26.4	101	63-135	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

SAMPLE DUPLICATE: 2342713

Parameter	Units	10357717001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	4.2	4.0	6	25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.47	<0.47		25	
1,1,2-Trichloroethane	ug/m3	<0.35	<0.35		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	0.65J	<0.43		25	
1,1-Dichloroethane	ug/m3	<0.23	<0.23		25	
1,1-Dichloroethane	ug/m3	<0.34	<0.34		25	
1,2,4-Trichlorobenzene	ug/m3	<1.3	<1.3		25	
1,2,4-Trimethylbenzene	ug/m3	7.3	7.2	1	25	
1,2-Dibromoethane (EDB)	ug/m3	<1.1	<1.1		25	
1,2-Dichlorobenzene	ug/m3	<0.74	<0.74		25	
1,2-Dichloroethane	ug/m3	3.3	3.2	1	25	
1,2-Dichloropropane	ug/m3	<0.39	<0.39		25	
1,3,5-Trimethylbenzene	ug/m3	2.1	2.1	1	25	
1,3-Butadiene	ug/m3	<0.25	<0.25		25	
1,3-Dichlorobenzene	ug/m3	<0.76	<0.76		25	
1,4-Dichlorobenzene	ug/m3	<0.72	<0.72		25	
2-Butanone (MEK)	ug/m3	12.2	12.5	2	25	
2-Hexanone	ug/m3	2.0J	1.9J		25	
2-Propanol	ug/m3	57.5	52.2	10	25	
4-Ethyltoluene	ug/m3	<0.27	2.5		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	0.92J	0.71J		25	
Acetone	ug/m3	275	271	1	25	
Benzene	ug/m3	4.3	4.3	2	25	
Benzyl chloride	ug/m3	<0.24	<0.24		25	
Bromodichloromethane	ug/m3	<0.28	<0.28		25	
Bromoform	ug/m3	<1.3	<1.3		25	
Bromomethane	ug/m3	<0.45	<0.45		25	
Carbon disulfide	ug/m3	0.83J	0.85J		25	
Carbon tetrachloride	ug/m3	<0.28	0.60J		25	
Chlorobenzene	ug/m3	<0.19	<0.19		25	
Chloroethane	ug/m3	<0.28	<0.28		25	
Chloroform	ug/m3	6.7	6.5	4	25	
Chloromethane	ug/m3	3.5	3.5	0	25	
cis-1,2-Dichloroethene	ug/m3	<0.35	<0.35		25	
cis-1,3-Dichloropropene	ug/m3	<0.53	<0.53		25	
Cyclohexane	ug/m3	9.2	9.3	2	25	
Dibromochloromethane	ug/m3	<1.2	<1.2		25	
Dichlorodifluoromethane	ug/m3	2.3	2.4	0	25	
Dichlorotetrafluoroethane	ug/m3	<0.45	<0.45		25	
Ethanol	ug/m3	1600	1160	32	25	E,R1
Ethyl acetate	ug/m3	38.4	38.2	0	25	
Ethylbenzene	ug/m3	6.2	6.3	1	25	
Hexachloro-1,3-butadiene	ug/m3	<0.94	<0.94		25	
m&p-Xylene	ug/m3	24.4	24.4	0	25	
Methyl-tert-butyl ether	ug/m3	<0.44	<0.44		25	
Methylene Chloride	ug/m3	8.1	8.5	6	25	
n-Heptane	ug/m3	6.4	6.5	2	25	

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QUALITY CONTROL DATA

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

SAMPLE DUPLICATE: 2342713

Parameter	Units	10357717001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	11.1	11.1	0	25	
Naphthalene	ug/m3	220	225	2	25	
o-Xylene	ug/m3	7.6	8.0	4	25	
Propylene	ug/m3	<0.19	<0.19		25	
Styrene	ug/m3	1.4	1.4	3	25	
Tetrachloroethene	ug/m3	<0.40	<0.40		25	
Tetrahydrofuran	ug/m3	<0.17	<0.17		25	
Toluene	ug/m3	36.0	35.6	1	25	
trans-1,2-Dichloroethene	ug/m3	<0.55	<0.55		25	
trans-1,3-Dichloropropene	ug/m3	<0.37	<0.37		25	
Trichloroethene	ug/m3	5.0	4.9	2	25	
Trichlorofluoromethane	ug/m3	3.0	3.0	1	25	
Vinyl acetate	ug/m3	<0.48	<0.48		25	
Vinyl chloride	ug/m3	<0.28	<0.28		25	

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QUALIFIERS

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above LOD.
J - Estimated concentration at or above the LOD and below the LOQ.
LOD - Limit of Detection adjusted for dilution factor and percent moisture.
LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

ANALYTE QUALIFIERS

CO	Result confirmed by second analysis.
CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
IU	The internal standard recoveries associated with this sample exceed the upper control limit. The reported results should be considered estimated values.
R1	RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 6403 Former Barb and Ron's
Pace Project No.: 10357717

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10357717001	6403-1709-IA-B	TO-15	430401		
10357717002	6403-1709-IA-1	TO-15	430401		
10357717003	6403-1709-SSV-1	TO-15	430401		
10357717004	6403-1709-IA-B Can Cert	TO-15	429630		
10357717005	6403-1709-IA-1 Can Cert	TO-15	430248		

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10357717



AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

20071

Page: 1 of 1

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:	Program
Company: <u>EnviroForensics</u>	Report To: <u>EnviroForensics</u>	Attention: <u>Colleen Scary</u>	<input type="checkbox"/> UST <input type="checkbox"/> Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act <input type="checkbox"/> Voluntary Clean Up <input checked="" type="checkbox"/> Dry Clean <input type="checkbox"/> RCRA <input type="checkbox"/> Other
Address: <u>N16 W2390 Stone Ridge Dr, STE 6</u> <u>Waukesha WI 53188</u>	Copy To:	Company Name: <u>EnviroForensics</u>	
Email To: <u>P. Hovman</u> <u>K. Heinsteat</u>	Purchase Order No.: <u>2016756</u>	Address:	Location of Sampling by State: <u>WI</u>
Phone: <u>3179771870</u>	Project Name: <u>Former Barb and Pats Cleaners</u>	Pace Quote Reference:	Reporting Units <input checked="" type="checkbox"/> mg/m ³ <input type="checkbox"/> mg/cf <input type="checkbox"/> PPBV <input type="checkbox"/> PPMV Other:
Requested Due Date/TAT:	Project Number: <u>6403</u>	Pace Project Manager/Sales Rep. <u>Carolanne Trout</u>	Report Level: <input type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV <input type="checkbox"/> Other

ITEM #	Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE	Valid Media Codes MEDIA CODE Tedlar Bag TB 1 Liter Summa Can 1LC 6 Liter Summa Can 6LC Low Volume Puff LVP High Volume Puff HVP Other PM10	MEDIA CODE	PID Reading (Client only)	COLLECTED				Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method:	Page Lab ID
					COMPOSITE START END/GRAB		COMPOSITE -							
					DATE	TIME	DATE	TIME						
1	6403-1709-IA-B		6LL		7/26/16	1515	7/27/16	1515	-28	-1	21380744		X	001, 004
2	6403-1709-IA-1		6LL		7/26/16	1510	7/27/16	1512	-29	-9	23316141		X	002, 005
3	6403-1709-SSV-1		1LL		7/27/16	1550	7/27/16	1557	-28	-2	26310836		X	003 006-010

Comments:	RELINQUISHED BY - AFFILIATION	DATE	TIME	ACCEPTED BY - AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
	<u>P.Hovman@enviroforensics.com</u> <u>KHeinsteat@enviroforensics.com</u>	<u>Kyle Heinsteat</u>	<u>8/1/16</u>		<u>Fed Ex</u> <u>Fast Lane</u>	<u>8/1/16</u>		Y/N	Y/N
					<u>8/3/16</u>	<u>1000</u>	Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: <u>Kyle Heinsteat</u>		Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
SIGNATURE of SAMPLER: <u>[Signature]</u>	DATE Signed (MM/DD/YY): <u>07/22/2016</u>				

ORIGINAL

Air Sample Condition Upon Receipt

Client Name:

Enviro Forensics

Project #:



Courier: Fed Ex UPS Speedee Client
 Commercial Pace Other:

Tracking Number: *663750380217, 663750380206*

663750380191

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No

Optional: Proj. Due Date: Proj. Name:

Packing Material: Bubble Wrap Bubble Bags Foam None Tin Can Other: Temp Blank rec: Yes No

Temp. (TO17 and TO13 samples only) (°C): *0* Corrected Temp (°C): *0* Thermom. Used: B88A912167504 B88A0143310098 151401163 151401164

Temp should be above freezing to 6°C Correction Factor: *0*

Date & Initials of Person Examining Contents: *4/8/16*

Type of Ice Received Blue Wet None

Comments:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Media: <i>Air Can</i> Airbag Filter TDT Passive		11.
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.

Samples Received:					
Canisters			Canisters		
Sample Number	Can ID	Flow Controller ID	Sample Number	Can ID	Flow Controller ID
<i>Unused</i>	<i>0493</i>	<i>0879</i>	<i>Indy Cert</i>		
<i>Unused</i>	<i>2154</i>	<i>0886</i>	<i>Indy Cert</i>		
<i>Unused</i>	<i>0309</i>	<i>1021</i>	<i>Indy Cert</i>		
<i>Unused</i>	<i>0264</i>	<i>0085</i>	<i>Indy Cert</i>		
<i>Unused</i>	<i>2618</i>	<i>2809</i>			

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? Yes No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: *Carynne Trout*

Date: *8/4/16*

Note: Whenever there is a discrepancy affecting the North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)