January 23, 2018

Rhonda Banks
Birdies Café
111 4th Street
Baraboo, Wisconsin 53913

Subject: Vapor Intrusion Sampling Results – 111 4th Street, Baraboo, Wisconsin
BRRTS: 02-57-548538

Dear Ms. Banks:

In accordance with Wisconsin Department of Natural Resources (WDNR) regulation NR 716.14, EnviroForensics, LLC. (EnviroForensics) is providing the results of environmental samples collected from your property located at 111 4th Street in Baraboo, Wisconsin. The samples were collected on December 28-29, 2017 and January 4, 2018. The sampling activities are part of an environmental investigation being performed for the Badger Cleaners facility located at 616 Oak Street in Baraboo at the direction of the WDNR pursuant to the authority granted to it under State and Federal law. The chemicals of concern (COCs) for the investigation are the dry cleaning solvent tetrachloroethene (PCE) and its associated breakdown products.

The Responsible Party is:

Badger Cleaners
616 Oak Street
Baraboo, WI

Sampling Results

Three (3) indoor air samples were collected from within your building and two (2) sub-slab vapor samples were collected from beneath the concrete slab at your building. For quality control purposes a sample of outdoor ambient air was also collected. The sampling locations are depicted on the attached **Figure 1**. The results of the indoor air and sub-slab vapor samples are summarized and compared to WDNR standards on the attached **Table 1**. A copy of the laboratory reports that relates to the indoor air and sub-slab vapor samples are also attached.

No COCs were detected in the indoor air samples. PCE and trichloroethene were detected in one or both sub-slab vapor samples, however, the concentrations detected were *below* their respective vapor risk screening Levels. No other COCs were detected in the sub-slab vapor samples.

EnviroForensics, LLC
N16 W23390 Stone Ridge Drive, Suite G
Waukesha, WI 53188
Phone: 262-290-4001 • Fax 317.972.7875

At this time, there does not appear to be a vapor intrusion risk to your building. EnviroForensics recommends a second sampling event to verify the sampling results and we will contact you to schedule the next event. 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, Trevor Bannister, can be reached at 608-275-3490. We greatly appreciate your help and patience with this matter.

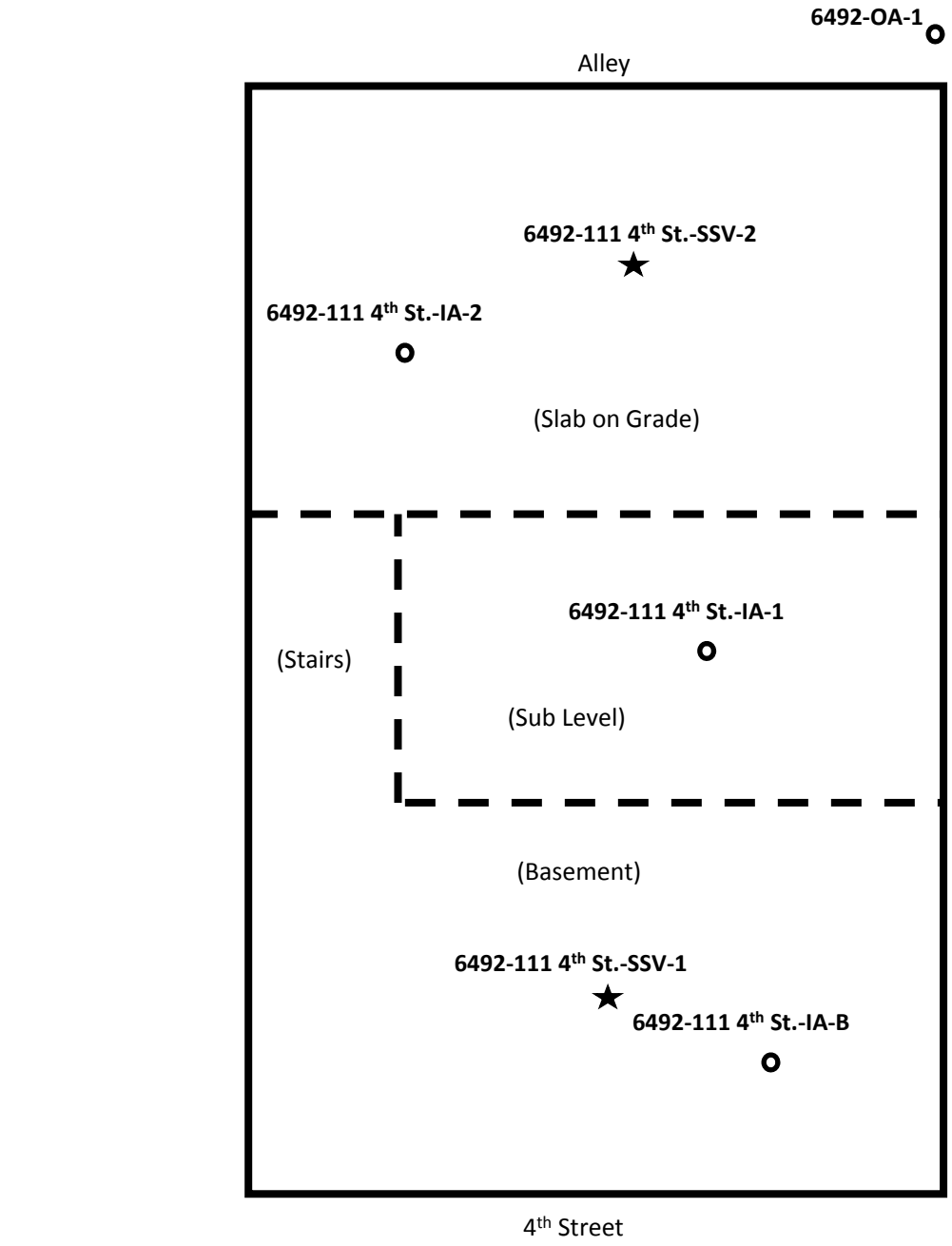
Sincerely,
EnviroForensics, LLC

Rob Hoverman, LPG
Senior Project Manager

Attachments: Figure 1 – Vapor Intrusion Sampling Locations
Table 1 – Vapor Intrusion Assessment Results Summary
Laboratory Analytical Report

Copy: Trevor Bannister, Wisconsin Department of Natural Resources

FIGURE 1
VAPOR INTRUSION SAMPLE LOCATIONS
111 4th Street, Baraboo Wisconsin



Legend

- = Indoor/Outdoor Air Sample
- **IA-1** = Indoor air sample
- **SSV-1** = Sub-Slab Vapor
- ★ = Sub-Slab Vapor Sampling Port Location
- = Interior Wall

N

TABLE 1
VAPOR INTRUSION ANALYTICAL RESULTS SUMMARY - 111 4TH STREET
Badger Cleaners
616 Oak Street, Baraboo, WI 53913

Sample Identification	Date Sampled	Tetrachloroethene	Trichloroethene	Benzene	Chloroform
INDOOR/ OUTDOOR AIR					
Small Commercial Vapor Action Level		**180**	**8.8**	**16**	**5.3**
6492-OA-1	12/29/2017	<3.19	<1.07	<1.60	<0.83
6492-111 4th St-IA-B	12/29/2017	<3.19	<1.07	**2.33**	<0.83
6492-111 4th St-IA-1	12/29/2017	<3.19	<1.07	<1.60	<0.83
6492-111 4th St-IA-2	12/29/2017	<3.19	<1.07	**1.98**	**2.29**
SUB-SLAB VAPOR					
Small Commercial Vapor Risk Screening Level		**6,000**	**290**	**530**	**180**
6492-111 4th St-SSV-1	1/4/2018	**17.8**	<1.07	<1.60	<0.83
6492-1114th St-SSV-2	1/4/2018	**18.5**	**1.88**	<1.60	<0.83

Notes:

Results reported in microgragms per cubic meter ($\mu g/m^3$)

Samples analyzed according to EPA Method TO-15

The Vapor Risk Screeing/Action Levels are calculated in accordance with WDNR Publication RR-800 and subsequent guidance documents.

IA = Indoor Air

SSV= Sub-slab vapor

Bolded values are above detection limits

EnvisionAir
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Mr. Kyle Vander Heiden
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

January 11, 2018

EnvisionAir Project Number: 2018-2
Client Project Name: 6492

Dear Mr. Vander Heiden,

Please find the attached analytical report for the samples received January 2, 2018. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

Stanley A Hunnicutt

Project Manager
EnvisionAir, LLC

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Client Name: ENVIROFORENSICS

Project ID: 6492

Client Project Manager: KYLE VANDER HEIDEN

EnvisionAir Project Number: 2018-2

Sample Summary

Canister Pressure / Vacuum

Laboratory Sample Number:	Sample Description:	Matrix:	START Date Collected:	START Time Collected:	End Date Collected:	End Time Collected:	Date Received:	Time Received	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)
18-6	6492-111 4TH ST-IA-B	A	12/28/17	10:50	12/29/17	10:30	1/2/18	13:00	-29	-8	-8
18-7	6492-111 4TH ST-IA-1	A	12/28/17	10:55	12/29/17	10:35	1/2/18	13:00	-29	-2	-2
18-8	6492-111 4TH ST-IA-2	A	12/28/17	11:00	12/29/17	10:20	1/2/18	13:00	-28	-8	-8
18-9	6492-OA-1	A	12/28/17	11:05	12/29/17	10:25	1/2/18	13:00	-28	-5	-5

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Client Name: ENVIROFORENSICS

Project ID: 6492

Client Project Manager: KYLE VANDER HEIDEN

EnvisionAir Project Number: 2018-2

Analytical Method: TO-15
Analytical Batch: 010818AIR

Client Sample ID: 6492-111 4TH ST-IA-B

Envision Sample Number: 18-6
Sample Matrix: AIR

Sample Collection START Date/Time: 12/28/17 10:50
Sample Collection END Date/Time: 12/29/17 10:30
Sample Received Date/Time: 1/2/18 13:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	**2.33**	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 1800	1800	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	103%		
Analysis Date/Time:	1-9-18/13:07		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6492

Client Project Manager: KYLE VANDER HEIDEN

EnvisionAir Project Number: 2018-2

Analytical Method: TO-15
Analytical Batch: 010818AIR

Client Sample ID: 6492-111 4TH ST-IA-1

Envision Sample Number: 18-7
Sample Matrix: AIR

Sample Collection START Date/Time: 12/28/17 10:55
Sample Collection END Date/Time: 12/29/17 10:35
Sample Received Date/Time: 1/2/18 13:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 1800	1800	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	94%		
Analysis Date/Time:	1-9-18/13:46		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6492

Client Project Manager: KYLE VANDER HEIDEN

EnvisionAir Project Number: 2018-2

Analytical Method: TO-15
Analytical Batch: 010818AIR

Client Sample ID: 6492-111 4TH ST-IA-2

Envision Sample Number: 18-8
Sample Matrix: AIR

Sample Collection START Date/Time: 12/28/17 11:00
Sample Collection END Date/Time: 12/29/17 0:00
Sample Received Date/Time: 1/2/18 13:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	**1.98**	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	**2.29**	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 1800	1800	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	109%		
Analysis Date/Time:	1-9-18/14:26		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6492

Client Project Manager: KYLE VANDER HEIDEN

EnvisionAir Project Number: 2018-2

Analytical Method: TO-15
Analytical Batch: 010818AIR

Client Sample ID: 6492-OA-1

Envision Sample Number: 18-9
Sample Matrix: AIR

Sample Collection START Date/Time: 12/28/17 11:05
Sample Collection END Date/Time: 12/29/17 10:25
Sample Received Date/Time: 1/2/18 13:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 1800	1800	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	93%		
Analysis Date/Time:	1-9-18/11:52		
Analyst Initials	tjg		

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 010818AIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
4-Ethyltoluene	< 100	100	
4-Methyl-2-pentanone (MIBK)	< 500	500	
1,1,1-Trichloroethane	< 100	100	
1,1,2,2-Tetrachloroethane	< 0.049	0.049	1
1,1,2-Trichloroethane	< 0.038	0.038	1
1,1-Dichloroethane	< 1	1	
1,1-Dichloroethene	< 50	50	
1,2,4-Trichlorobenzene	< 0.1	0.1	
1,2,4-Trimethylbenzene	< 1	1	
1,2-dibromoethane (EDB)	< 0.0041	0.0041	1
1,2-Dichlorobenzene	< 10	10	
1,2-Dichloroethane	< 0.1	0.1	
1,2-Dichloropropane	< 0.1	0.1	
1,3,5-Trimethylbenzene	< 1	1	
1,3-Butadiene	< 0.1	0.1	
1,3-Dichlorobenzene	< 10	10	
1,4-Dichlorobenzene	< 0.1	0.1	
1,4-Dioxane	< 0.5	0.5	
2-Butanone (MEK)	< 1000	1000	
2-Hexanone	< 5	5	
Acetone	< 1000	1000	
Benzene	< 0.5	0.5	
Benzyl Chloride	< 0.08	0.08	1
Bromodichloromethane	< 0.08	0.08	1
Bromoform	< 1	1	
Bromomethane	< 1	1	
Carbon Disulfide	< 100	100	
Carbon Tetrachloride	< 0.1	0.1	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
Chloroform	< 0.17	0.17	
Chloromethane	< 10	10	
cis-1,2-Dichloroethene	< 5	5	
cis-1,3-Dichloropropene	< 1	1	
Cyclohexane	< 1600	1600	
Dibromochloromethane	< 0.1	0.1	
Dichlorodifluoromethane	< 10	10	
Ethyl Acetate	< 500	500	
Ethylbenzene	< 2	2	
Hexachloro-1,3-butadiene	< 0.1	0.1	
Isooctane	< 100	100	
m,p-Xylene	< 10	10	
Methylene Chloride	< 12	12	
Methyl-tert-butyl ether	< 10	10	
N-Heptane	< 100	100	
N-Hexane	< 50	50	
o-Xylene	< 10	10	
Propylene	< 100	100	
Styrene	< 100	100	
Tetrachloroethene	< 0.47	0.47	
Tetrahydrofuran	< 100	100	

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Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
Toluene	< 1000	1000	
trans-1,2-Dichloroethene	< 10	10	
trans-1,3-Dichloropropene	< 1	1	
Trichloroethene	< 0.2	0.2	
Trichlorofluoromethane	< 100	100	
Vinyl Acetate	< 50	50	
Vinyl Bromide	< 0.1	0.1	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	82%		
Analysis Date/Time:	1-9-18/05:24		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Propylene	10.5	10.4	10	105%	104%	1.0%	
Dichlorodifluoromethane	9.18	8.16	10	92%	82%	11.8%	
Chloromethane	11.9	11.7	10	119%	117%	1.7%	
Vinyl Chloride	11.1	10.3	10	111%	103%	7.5%	
1,3-Butadiene	9.1	9.04	10	91%	90%	0.7%	
Bromomethane	9.86	9.27	10	99%	93%	6.2%	
Chloroethane	10.9	10.1	10	109%	101%	7.6%	
Vinyl Bromide	10.1	9.41	10	101%	94%	7.1%	
Trichlorofluoromethane	9.65	8.95	10	97%	90%	7.5%	
Acetone	10.2	9.42	10	102%	94%	8.0%	
1,1-Dichloroethene	9.19	9.76	10	92%	98%	6.0%	
Methylene Chloride	8.88	10.1	10	89%	101%	12.9%	
Carbon Disulfide	11	11.9	10	110%	119%	7.9%	
trans-1,2-Dichloroethene	10.2	10.8	10	102%	108%	5.7%	
Methyl-tert-butyl ether	10.4	10.3	10	104%	103%	1.0%	
1,1-Dichloroethane	10.8	11	10	108%	110%	1.8%	
Vinyl Acetate	11.1	11	10	111%	110%	0.9%	
N-Hexane	10.5	10.8	10	105%	108%	2.8%	
2-Butanone (MEK)	10.1	10.2	10	101%	102%	1.0%	
cis-1,2-Dichloroethene	10.6	10.5	10	106%	105%	0.9%	
Ethyl Acetate	10.6	10.7	10	106%	107%	0.9%	
Chloroform	10.1	9.72	10	101%	97%	3.8%	
Tetrahydrofuran	9.96	11.2	10	100%	112%	11.7%	
1,2-Dichloroethane	9.4	9.23	10	94%	92%	1.8%	
1,1,1-Trichloroethane	9.25	9.06	10	93%	91%	2.1%	
Carbon Tetrachloride	9.06	9.01	10	91%	90%	0.6%	
Benzene	10.1	11.3	10	101%	113%	11.2%	
Cyclohexane	10.3	11.3	10	103%	113%	9.3%	
1,2-Dichloropropane	9.96	10.9	10	100%	109%	9.0%	
Trichloroethene	9.46	9.73	10	95%	97%	2.8%	
Bromodichloromethane	9.36	9.44	10	94%	94%	0.9%	
1,4-Dioxane	10.2	10.3	10	102%	103%	1.0%	
Isooctane	10.1	11.1	10	101%	111%	9.4%	
N-Heptane	9.86	10.6	10	99%	106%	7.2%	
cis-1,3-Dichloropropene	9.94	10.2	10	99%	102%	2.6%	
4-Methyl-2-pentanone (MIBK)	9.55	9.88	10	96%	99%	3.4%	
trans-1,3-Dichloropropene	9.72	9.78	10	97%	98%	0.6%	
1,1,2-Trichloroethane	9.52	9.97	10	95%	100%	4.6%	
Toluene	10.1	10.3	10	101%	103%	2.0%	
2-Hexanone	10.4	10.9	10	104%	109%	4.7%	
Dibromochloromethane	10.2	11	10	102%	110%	7.5%	
1,2-dibromoethane (EDB)	9.79	10.9	10	98%	109%	10.7%	
Tetrachloroethene	9.74	10.2	10	97%	102%	4.6%	
Chlorobenzene	9.71	10.8	10	97%	108%	10.6%	
Ethylbenzene	9.69	10.5	10	97%	105%	8.0%	
m,p-Xylene	19.5	21.1	20	98%	106%	7.9%	
Bromoform	9.42	9.78	10	94%	98%	3.8%	

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LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Styrene	9.99	10.9	10	100%	109%	8.7%	
1,1,2,2-Tetrachloroethane	9.18	10.2	10	92%	102%	10.5%	
o-Xylene	9.69	10.6	10	97%	106%	9.0%	
4-Ethyltoluene	9.61	10.2	10	96%	102%	6.0%	
1,3,5-Trimethylbenzene	8.97	9.48	10	90%	95%	5.5%	
1,2,4-Trimethylbenzene	9.18	9.53	10	92%	95%	3.7%	
1,3-Dichlorobenzene	10.4	10.9	10	104%	109%	4.7%	
Benzyl Chloride	11.2	11.8	10	112%	118%	5.2%	
1,4-Dichlorobenzene	10	10.5	10	100%	105%	4.9%	
1,2-Dichlorobenzene	10.2	10.2	10	102%	102%	0.0%	
1,2,4-Trichlorobenzene	9.59	9.35	10	96%	94%	2.5%	
Hexachloro-1,3-butadiene	9.35	8.57	10	94%	86%	8.7%	
4-bromofluorobenzene (surrogate)	99%	98%					
Analysis Date/Time:	1-9-18/03:34	1-9-18/04:16					
Analyst Initials	tjg	tjg					

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Flag Number	Comments
1	Reporting limit is supported by MDL. TJG

EnvisionAir Proj#: 2018-2 Page 1 of 1

CHAIN OF CUSTODY RECORD

EnvisionAir | 1441 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: EnviroForensics, LLC	P.O. Number: 2017-1918
Report Address: EnviroForensics, LLC N16 W23390 Stone Ridge Dr Suite G Waukesha, WI 53188	Project Name or Number: 6492
Report To: K. Vander Heiden	Sampled by: K Vander Heiden
Phone: 317-972-7873	QA/QC Required: (circle if applicable) Level III (Level IV)
Invoice Address:	Reporting Units needed: (circle) (ug/m³) mg/m³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days (Std (5 bus. days))	Media type: 1LC = 1 Liter Canister, 6LC = 6 Liter Canister, TB = Tedlar Bag, TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List

TO-15 Short List

ENVISIONAIR

Sampling Type:
Soil-Gas: ☐
Sub-Slab: ☐
Indoor-Air: ☒

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Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)					Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
										Canister Pressure / Vacuum					
6492-111 4th St-IA-B	6LC	12/28	1050	12/29	1030	x				91535	07624	-29	-8	-8	18-6
6492-111 4th St-IA-1	6LC	12/28	1055	12/29	1035	x				10949	07750	-29	-2	-2	18-7
6492-111 4th St-IA-2	6LC	12/28	1100	12/29	1020	x				20673	08008	-28	-8	-8	18-8
6492-OA-1	6LC	12/28	1105	12/29	1025	x				10342	07779	-28	-5	-5	18-9

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
	12/29	1600	FedEx		
			Ryan Hunnicutt	1/2/18	1300

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Mr. Kyle Vander Heiden
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

January 22, 2018

EnvisionAir Project Number: 2018-14
Client Project Name: 6492

Dear Mr. Vander Heiden,

Please find the attached analytical report for the samples received January 10, 2018. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

Stanley A Hunnicutt

Project Manager
EnvisionAir, LLC

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Client Name: ENVIROFORENSICS

Project ID: 6492

Client Project Manager: KYLE VANDER HEIDEN

EnvisionAir Project Number: 2018-14

Sample Summary

									Canister Pressure / Vacuum		
Laboratory Sample Number:	**Sample Description:**	**Matrix:**	**START Date Collected:**	**START Time Collected:**	**End Date Collected:**	**End Time Collected:**	**Date Received:**	**Time Received**	**Initial Field (in. Hg)**	**Final Field (in. Hg)**	**Lab Received (in. Hg)**
18-36	6492-111 4TH ST-SSV-1	A	1/4/18	10:31	1/4/18	10:36	1/10/18	10:55	-29	-2	-2
18-37	6492-111 4TH ST-SSV-2	A	1/4/18	10:41	1/4/18	10:46	1/10/18	10:55	-27	-2	-2

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Client Name: ENVIROFORENSICS

Project ID: 6492

Client Project Manager: KYLE VANDER HEIDEN

EnvisionAir Project Number: 2018-14

Analytical Method: TO-15
Analytical Batch: 011818AIR

Client Sample ID: 6492-111 4TH ST-SSV-1

Envision Sample Number: 18-36
Sample Matrix: AIR

Sample Collection START Date/Time: 1/4/18 10:31
Sample Collection END Date/Time: 1/4/18 10:36
Sample Received Date/Time: 1/10/18 10:55

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 1800	1800	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	**17.8**	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	99%		
Analysis Date/Time:	1-19-18/00:09		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6492

Client Project Manager: KYLE VANDER HEIDEN

EnvisionAir Project Number: 2018-14

Analytical Method: TO-15
Analytical Batch: 011818AIR

Client Sample ID: 6492-111 4TH ST-SSV-2

Envision Sample Number: 18-37
Sample Matrix: AIR

Sample Collection START Date/Time: 1/4/18 10:41
Sample Collection END Date/Time: 1/4/18 10:46
Sample Received Date/Time: 1/10/18 10:55

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 1800	1800	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	**18.5**	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	**1.88**	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	105%		
Analysis Date/Time:	1-19-18/01:24		
Analyst Initials	tjg		

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 011818AIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
4-Ethyltoluene	< 100	100	
4-Methyl-2-pentanone (MIBK)	< 500	500	
1,1,1-Trichloroethane	< 100	100	
1,1,2,2-Tetrachloroethane	< 0.049	0.049	1
1,1,2-Trichloroethane	< 0.038	0.038	1
1,1-Dichloroethane	< 1	1	
1,1-Dichloroethene	< 50	50	
1,2,4-Trichlorobenzene	< 0.1	0.1	
1,2,4-Trimethylbenzene	< 1	1	
1,2-dibromoethane (EDB)	< 0.0041	0.0041	1
1,2-Dichlorobenzene	< 10	10	
1,2-Dichloroethane	< 0.1	0.1	
1,2-Dichloropropane	< 0.1	0.1	
1,3,5-Trimethylbenzene	< 1	1	
1,3-Butadiene	< 0.1	0.1	
1,3-Dichlorobenzene	< 10	10	
1,4-Dichlorobenzene	< 0.1	0.1	
1,4-Dioxane	< 0.5	0.5	
2-Butanone (MEK)	< 1000	1000	
2-Hexanone	< 5	5	
Acetone	< 1000	1000	
Benzene	< 0.5	0.5	
Benzyl Chloride	< 0.08	0.08	1
Bromodichloromethane	< 0.08	0.08	1
Bromoform	< 1	1	
Bromomethane	< 1	1	
Carbon Disulfide	< 100	100	
Carbon Tetrachloride	< 0.1	0.1	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
Chloroform	< 0.17	0.17	
Chloromethane	< 10	10	
cis-1,2-Dichloroethene	< 5	5	
cis-1,3-Dichloropropene	< 1	1	
Cyclohexane	< 1600	1600	
Dibromochloromethane	< 0.1	0.1	
Dichlorodifluoromethane	< 10	10	
Ethyl Acetate	< 500	500	
Ethylbenzene	< 2	2	
Hexachloro-1,3-butadiene	< 0.1	0.1	
Isooctane	< 100	100	
m,p-Xylene	< 10	10	
Methylene Chloride	< 12	12	
Methyl-tert-butyl ether	< 10	10	
N-Heptane	< 100	100	
N-Hexane	< 50	50	
o-Xylene	< 10	10	
Propylene	< 100	100	
Styrene	< 100	100	
Tetrachloroethene	< 0.47	0.47	
Tetrahydrofuran	< 100	100	

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Analytical Report

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
Toluene	< 1000	1000	
trans-1,2-Dichloroethene	< 10	10	
trans-1,3-Dichloropropene	< 1	1	
Trichloroethene	< 0.2	0.2	
Trichlorofluoromethane	< 100	100	
Vinyl Acetate	< 50	50	
Vinyl Bromide	< 0.1	0.1	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	90%		
Analysis Date/Time:	1-18-18/22:49		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Propylene	10.4	9.35	10	104%	94%	10.6%	
Dichlorodifluoromethane	9.48	8.31	10	95%	83%	13.2%	
Chloromethane	8.86	8.07	10	89%	81%	9.3%	
Vinyl Chloride	10.3	9.3	10	103%	93%	10.2%	
1,3-Butadiene	8.96	8.26	10	90%	83%	8.1%	
Bromomethane	9.33	8.4	10	93%	84%	10.5%	
Chloroethane	10	9.2	10	100%	92%	8.3%	
Vinyl Bromide	9.65	8.96	10	97%	90%	7.4%	
Trichlorofluoromethane	8.81	9	10	88%	90%	2.1%	
Acetone	8.84	8.75	10	88%	88%	1.0%	
1,1-Dichloroethene	9.16	9.49	10	92%	95%	3.5%	
Methylene Chloride	9.83	10.5	10	98%	105%	6.6%	
Carbon Disulfide	10.5	10.2	10	105%	102%	2.9%	
trans-1,2-Dichloroethene	10.5	10.2	10	105%	102%	2.9%	
Methyl-tert-butyl ether	11.1	11	10	111%	110%	0.9%	
1,1-Dichloroethane	10.4	10	10	104%	100%	3.9%	
Vinyl Acetate	10.2	10.1	10	102%	101%	1.0%	
N-Hexane	9.73	9.8	10	97%	98%	0.7%	
2-Butanone (MEK)	9.65	9.52	10	97%	95%	1.4%	
cis-1,2-Dichloroethene	10.1	10.2	10	101%	102%	1.0%	
Ethyl Acetate	9.37	9.5	10	94%	95%	1.4%	
Chloroform	9.68	9.74	10	97%	97%	0.6%	
Tetrahydrofuran	10.8	11.3	10	108%	113%	4.5%	
1,2-Dichloroethane	10	10.5	10	100%	105%	4.9%	
1,1,1-Trichloroethane	10.1	10.4	10	101%	104%	2.9%	
Carbon Tetrachloride	10.1	10.4	10	101%	104%	2.9%	
Benzene	10.6	11	10	106%	110%	3.7%	
Cyclohexane	10.8	9.98	10	108%	100%	7.9%	
1,2-Dichloropropane	9.77	10	10	98%	100%	2.3%	
Trichloroethene	9.93	10.3	10	99%	103%	3.7%	
Bromodichloromethane	9.83	10.4	10	98%	104%	5.6%	
1,4-Dioxane	11.4	11.8	10	114%	118%	3.4%	
Isooctane	10	10.1	10	100%	101%	1.0%	
N-Heptane	9.43	10	10	94%	100%	5.9%	
cis-1,3-Dichloropropene	10.3	10.8	10	103%	108%	4.7%	
4-Methyl-2-pentanone (MIBK)	10.4	10.9	10	104%	109%	4.7%	
trans-1,3-Dichloropropene	10.3	10.5	10	103%	105%	1.9%	
1,1,2-Trichloroethane	9.61	10.2	10	96%	102%	6.0%	
Toluene	10.7	11.1	10	107%	111%	3.7%	
2-Hexanone	11.1	11.4	10	111%	114%	2.7%	
Dibromochloromethane	10.7	10.2	10	107%	102%	4.8%	
1,2-dibromoethane (EDB)	10.6	10.1	10	106%	101%	4.8%	
Tetrachloroethene	12.2	11.1	10	122%	111%	9.4%	
Chlorobenzene	10.1	10.3	10	101%	103%	2.0%	
Ethylbenzene	10.9	11.3	10	109%	113%	3.6%	
m,p-Xylene	21.1	21.7	20	106%	109%	2.8%	
Bromoform	10.3	10.2	10	103%	102%	1.0%	

EnvisionAir
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Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

Analytical Report

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Styrene	10.1	10.1	10	101%	101%	0.0%	
1,1,2,2-Tetrachloroethane	9.24	9.61	10	92%	96%	3.9%	
o-Xylene	11.4	11.5	10	114%	115%	0.9%	
4-Ethyltoluene	12.2	11.2	10	122%	112%	8.5%	
1,3,5-Trimethylbenzene	12.1	11.2	10	121%	112%	7.7%	
1,2,4-Trimethylbenzene	11.6	10.5	10	116%	105%	10.0%	
1,3-Dichlorobenzene	11.1	10.5	10	111%	105%	5.6%	
Benzyl Chloride	10.4	9.65	10	104%	97%	7.5%	
1,4-Dichlorobenzene	11.2	10.4	10	112%	104%	7.4%	
1,2-Dichlorobenzene	11.3	10.3	10	113%	103%	9.3%	
1,2,4-Trichlorobenzene	8.69	7.97	10	87%	80%	8.6%	
Hexachloro-1,3-butadiene	11.5	9.96	10	115%	100%	14.4%	
4-bromofluorobenzene (surrogate)	112%	106%					
Analysis Date/Time:	1-18-18/21:34	1-18-18/23:30					
Analyst Initials	tjg	tjg					

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Flag Number	Comments
1	Reporting limit is supported by MDL. TJG

EnvisionAir Proj#: 2018-14 Page 1 of 1

CHAIN OF CUSTODY RECORD

EnvisionAir | 1441 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: EnviroForensics, LLC	P.O. Number: 2017-1918
Report Address: N16 W23390 Stone Ridge Dr Suite G Waukesha, WI 53188	Project Name or Number: 6492
Report To: K. Vander Heiden	Sampled by: KV
Phone: 262-290-4031	QA/QC Required: (circle if applicable) **Level III** **Level IV**
Invoice Address:	Reporting Units needed: (circle) **ug/m³** **mg/m³** **PPBV** **PPMV**
Desired TAT: (Please Circle One) **1 day** **2 days** **3 days** **Std (5 bus. days)**	Media type: 1LC = 1 Liter Canister, 6LC = 6 Liter Canister, TB = Tedlar Bag, TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List

TO-15 Short List

ENVISIONAIR

Sampling Type:
Soil-Gas: ☐
Sub-Slab: ☒
Indoor-Air: ☐

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Canister Pressure / Vacuum

Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)	TO-15 Full List	TO-15 Short List			Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6492-111 4th St-SSV-1	1LC	1/4/18	1031	1/4/18	1036	x				83917	0003	-29	-2	-2	18-36
6492-111 4th St-SSV-2	1LC	1/4/18	1041	1/4/18	1046	x				83736	0069	-27	-2	-2	18-37

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
	1/5/18	1100	FedEx		
				1/10/18	1055