



August 20, 2021

James Keckeisen
Confluence Graphics
265 East Hampton Avenue
Milwaukee, Wisconsin 53217

**Subject: Environmental Sampling Results
265 East Hampton Avenue, Milwaukee Wisconsin
BRRTS# 02-41-543260**

Dear Mr. Keckeisen:

In accordance with the executed Access Agreement to Provide Access for Sampling Activities, and in accordance with Wisconsin Department of Natural Resources (WDNR) regulation NR 716.14, EnviroForensics, LLC. (EnviroForensics) is providing the results of the indoor air and sub-slab vapor samples collected from your property located at 265 East Hampton Avenue, Milwaukee, Wisconsin. The samples were collected on July 29, 2021.

The sampling activities are part of an environmental investigation being performed for One Hour Martinizing (OHM) located at 285 East Hampton Avenue, Milwaukee Wisconsin at the direction of the WDNR pursuant to the authority granted to it under State and Federal law. The WDNR has assigned the following identification to this investigation: BRRTS# 02-41-543260. The chemicals of concern for the investigation are the dry cleaning solvent tetrachloroethene (PCE) and its associated breakdown products.

The Responsible Party is:

Mr. Brian Cass
OHM Holdings, Inc.
W229 N2494 Hwy F
Waukesha, WI 53186

Sampling Results

One (1) indoor air sample designated "6194-265-IA-B" and two (2) sub-slab vapor samples designated "6194-SSV-14" and "6194-SSV-15" were collected from the basement of the building at your property. The indoor air sample contained trichloroethene (TCE) at a concentration of 14.8 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), which exceeds the Vapor Action Level. The sub-slab vapor samples contained both PCE and TCE at concentrations well below their respective Vapor Risk Screening Levels (VRSLs) for small commercial structures. A summary of the sampling results is provided in **Table 1**.

Document: 6194-1759

Confluence Graphics advised EnviroForensics field staff that print production would occur during the 8-hour sampling period, including the use of ink solvents. It appears that the TCE detection in the indoor air sample was a result of on-site business activities rather than vapor intrusion because PCE was detected in sub-slab vapor (up to 1,230 $\mu\text{g}/\text{m}^3$) but was not present in the indoor air sample. Both compounds would be expected in air if vapor intrusion were occurring.

We will contact you to discuss additional investigation work if requested by WDNR. If you have any questions or concerns, please contact me at 262-745-5054 or by email at bkappen@enviroforensics.com. The WDNR project manager, Linda Michalets, can be reached at 414-435-8010. We greatly appreciate your help and patience with this matter.

Sincerely,
EnviroForensics, LLC

A handwritten signature in blue ink, appearing to read "Brian Kappen".

Brian Kappen, PG
Project Manager

Copy: Linda Michalets, WDNR

Attachments: Table 1: Vapor Intrusion Sample Analytical Results
Laboratory Analytical Report

Table 1
Vapor Intrusion Sample Analytical Results - 265 E. Hampton Avenue
 One Hour Martinizing
 285 East Hampton Avenue
 Milwaukee, Wisconsin

Sample Identification	Sample Location	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride
Indoor/Outdoor Air							
Vapor Action Level ¹			180	8.8	NE	NE	28
6194-CG-OA-1	Outdoor	1/8/2015	<3.19	<1.07	<19.8	<39.6	<1.28
6194-CG-IA-1	First Floor	1/8/2015	<3.19	<1.07	<19.8	<39.6	<1.28
6194-CG-IA-B	Basement	1/8/2015	<3.19	<1.07	<19.8	<39.6	<1.28
6194-265-IA-B	Basement	2/25/2021	<3.19	<1.07	<19.8	<39.6	<1.28
6194-OA	Outdoor	7/29/2021	<3.19	<1.07	<19.8	<39.6	<1.28
6194-265-IA-B	Basement	7/29/2021	<3.19	14.8*	<19.8	<39.6	<1.28
Sub-Slab Vapor							
Vapor Risk Screening Level ²			6,000	290	NE	NE	930
6194-SSV-6	Basement	7/21/2014	<31.9	<10.7	<198	<198	<12.8
6194-SSV-11	Basement	10/7/2014	3,770	<10.7	<198	<396	<12.8
	Basement	1/9/2015	357	<10.7	<198	<396	<12.8
6194-SSV-14	Basement	2/26/2021	16.5	<1.07	<19.8	<39.6	<1.28
	Basement	7/29/2021	88.9	16.7	<19.8	<39.6	<1.28
6194-SSV-15	Basement	2/26/2021	48.8	<1.07	<19.8	<39.6	<1.28
	Basement	7/29/2021	1,230	41.4	<19.8	<39.6	<1.28

Notes:

¹ Vapor Action Levels are based on U.S. EPA Regional Screening Levels (RSLs) for small commercial buildings and calculated according to the procedures described in WDNR Publication RR-800

² Vapor Risk Screening Levels (VRSLs) for small commercial buildings calculated according to the procedures described in WDNR Publication RR-800

All concentrations reported in units of micrograms per cubic meter (µg/m³)

Bolded values are above detection limits

Bolded and Orange Shaded values exceed corresponding VALs and/or VRSLs

* = Solvents in use by printing business during sample collection

NE = Not Established



EnvisionAir
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Mr. Brian Kappen
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

August 10, 2021

EnvisionAir Project Number: 2021-378
Client Project Name: 6194 – OHM Hampton

Dear Mr. Kappen,

Please find the attached analytical report for the samples received July 30, 2021. 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,

A handwritten signature in black ink that reads "David Norris". The signature is written in a cursive, flowing style.

David Norris
Project Manager
EnvisionAir, LLC



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Client Name: ENVIROFORENSICS
Project ID: 6194 OHM HAMPTON
Client Project Manager: BRIAN KAPPEN
EnvisionAir Project Number: 2021-378

Sample Summary

Canister Pressure / Vacuum

<u>Laboratory Sample Number:</u>	<u>Sample Description:</u>	<u>Matrix:</u>	<u>START</u>	<u>START</u>	<u>End Date</u>	<u>End Time</u>	<u>Date</u>	<u>Time</u>	<u>Initial Field</u>	<u>Final Field</u>	<u>Lab</u>
			<u>Date</u>	<u>Time</u>							
21-1800	6194-265-IA-B	A	7/29/21	8:05	7/29/21	16:05	7/30/21	14:00	-28	-8	-8
21-1801	6194-OA	A	7/29/21	8:07	7/29/21	16:00	7/30/21	14:00	-28	-8	-8
21-1802	6194-265-SSV-14	A	7/29/21	16:09	7/29/21	16:15	7/30/21	14:00	-28	-3	-3
21-1803	6194-265-SSV-15	A	7/29/21	16:17	7/29/21	16:22	7/30/21	14:00	-28	-3	-3



EnvisionAir
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Client Name: ENVIROFORENSICS
Project ID: 6194 OHM HAMPTON
Client Project Manager: BRIAN KAPPEN
EnvisionAir Project Number: 2021-378

Analytical Method: TO-15
Analytical Batch: 080521AIR(1)

Client Sample ID: 6194-265-IA-B
EnvisionAir Sample Number: 21-1800
Sample Matrix: AIR

Sample Collection START Date/Time: 7/29/21 8:05
Sample Collection END Date/Time: 7/29/21 16:05
Sample Received Date/Time: 7/30/21 14:00

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	< 3.19	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichloroethene	14.8	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	98%		
Analysis Date/Time:	8-7-21/12:03		
Analyst Initials	tjg		



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Client Name: ENVIROFORENSICS
Project ID: 6194 OHM HAMPTON
Client Project Manager: BRIAN KAPPEN
EnvisionAir Project Number: 2021-378

Analytical Method: TO-15
Analytical Batch: 080521AIR(1)

Client Sample ID: 6194-OA **Sample Collection START Date/Time:** 7/29/21 8:07
EnvisionAir Sample Number: 21-1801 **Sample Collection END Date/Time:** 7/29/21 16:00
Sample Matrix: AIR **Sample Received Date/Time:** 7/30/21 14:00

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	< 3.19	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichloroethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	8-7-21/11:20		
Analyst Initials	tjg		



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Client Name: ENVIROFORENSICS
Project ID: 6194 OHM HAMPTON
Client Project Manager: BRIAN KAPPEN
EnvisionAir Project Number: 2021-378

Analytical Method: TO-15
Analytical Batch: 080521AIR(2)

Client Sample ID: 6194-265-SSV-14
EnvisionAir Sample Number: 21-1802
Sample Matrix: AIR

Sample Collection START Date/Time: 7/29/21 16:09
Sample Collection END Date/Time: 7/29/21 16:15
Sample Received Date/Time: 7/30/21 14:00

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	88.9	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichloroethene	16.7	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	8-7-21/13:43		
Analyst Initials	tjg		



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Client Name: ENVIROFORENSICS
Project ID: 6194 OHM HAMPTON
Client Project Manager: BRIAN KAPPEN
EnvisionAir Project Number: 2021-378

Analytical Method: TO-15
Analytical Batch: 080521AIR(2)

Client Sample ID: 6194-265-SSV-15
EnvisionAir Sample Number: 21-1803
Sample Matrix: AIR

Sample Collection START Date/Time: 7/29/21 16:17
Sample Collection END Date/Time: 7/29/21 16:22
Sample Received Date/Time: 7/30/21 14:00

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	1,230	638	2
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichloroethene	41.4	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	8-7-21/14:20		
Analyst Initials	tjg		

TO-15 Quality Control Data

EnvisionAir Batch Number: 080521AIR(1)

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichloroethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	102%		
Analysis Date/Time:	8-6-21/18:30		
Analyst Initials	tjg		

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D Conc(ppbv)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>RPD</u>	<u>Flag</u>
Vinyl Chloride	9.26	9.69	10	93%	97%	4.5%	
trans-1,2-Dichloroethene	9.97	10.2	10	100%	102%	2.3%	
cis-1,2-Dichloroethene	9.17	9.89	10	92%	99%	7.6%	
Trichloroethene	10	10.7	10	100%	107%	6.8%	
Tetrachloroethene	9.22	9.21	10	92%	92%	0.1%	
4-bromofluorobenzene (surrogate)	105%	101%					
Analysis Date/Time:	8-6-21/16:22	8-6-21/17:08					
Analyst Initials	tjg	tjg					

TO-15 Quality Control Data

EnvisionAir Batch Number: 080521AIR(2)

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichloroethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	103%		
Analysis Date/Time:	8-7-21/17:11		
Analyst Initials	tjg		

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D Conc(ppbv)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>RPD</u>	<u>Flag</u>
Vinyl Chloride	10.2	10.4	10	102%	104%	1.9%	
trans-1,2-Dichloroethene	10.5	10.4	10	105%	104%	1.0%	
cis-1,2-Dichloroethene	10.2	10.1	10	102%	101%	1.0%	
Trichloroethene	9.55	9.73	10	96%	97%	1.9%	
Tetrachloroethene	10.2	10	10	102%	100%	2.0%	
4-bromofluorobenzene (surrogate)	99%	97%					
Analysis Date/Time:	8-7-21/15:49	8-7-21/16:36					
Analyst Initials	tjg	tjg					



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Flag Number

Comments

- | | |
|---|---|
| 1 | Reporting limit is supported by MDL. TJG |
| 2 | Reported value is from a 200x dilution. TJG 8/10/21 |

CHAIN OF CUSTODY RECORD

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

Client: <u>Enviroforensics</u>	P.O. Number: <u>2021-0447</u>
Report Address:	Project Name or Number: <u>6194 OHM Hampton</u>
Report To:	Sampled by:
Phone:	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address:	Reporting Units needed: (circle) ug/m ³ mg/m ³ 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 (Specify in notes)



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

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Canister Pressure / Vacuum

Air Sample ID	Media Type <small>(see code above)</small>	Coll. Date <small>(Grab/Comp Start)</small>	Coll. Time <small>(Grab/Comp Start)</small>	Coll. Date <small>(Comp. End)</small>	Coll. Time <small>(Comp. End)</small>					Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
<u>6194-265-IA-B</u>	<u>6LC</u>	<u>7-29-21</u>	<u>805</u>	<u>7-29-21</u>	<u>1605</u>		<u>X</u>			<u>91568</u>	<u>07444</u>	<u>-28</u>	<u>-8</u>	<u>-8</u>	<u>21-1800</u>
<u>6194-OA</u>	<u>6LC</u>	<u>↓</u>	<u>807</u>	<u>↓</u>	<u>1600</u>		<u>↓</u>			<u>4659</u>	<u>3059</u>	<u>-28</u>	<u>-8</u>	<u>-8</u>	<u>1801</u>
<u>6194-265-SSV-14</u>	<u>1LC</u>	<u>↓</u>	<u>1609</u>	<u>↓</u>	<u>1615</u>		<u>↓</u>			<u>83915</u>	<u>0015</u>	<u>-28</u>	<u>-3</u>	<u>-3</u>	<u>1802</u>
<u>6194-265-SSV-15</u>	<u>1LC</u>	<u>↓</u>	<u>1617</u>	<u>↓</u>	<u>1622</u>		<u>↓</u>			<u>83948</u>	<u>0121</u>	<u>-28</u>	<u>-3</u>	<u>-3</u>	<u>1803</u>

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
<u>TLL</u>	<u>7-29-21</u>	<u>1700</u>	<u>fed Ex</u>	<u>7-29-21</u>	<u>1700</u>
			<u>Cheryl Sum</u>	<u>7-30-21</u>	<u>14:00</u>