



July 22, 2020

Mr. Michael P. Carlton, Attorney
Von Briesen & Roper, S.C.
411 E. Wisconsin Avenue, Suite 1000
Milwaukee, WI 53202

Subject: Environmental sampling results
BRRTS #02-68-582951
DNR FID #268087160

Dear Mr. Carlton:

EnviroForensics, LLC (EnviroForensics) is providing the results of soil, air, and sub-slab vapor samples collected from your property and former One Hour Martinizing (OHM) tenant space located at 1035 Summit Avenue, Oconomowoc, Wisconsin in accordance with the Wisconsin Department of Natural Resources (WDNR) regulation NR 716.14. The locations of the soil borings, indoor/outdoor air samples, and sub-slab samples are shown on attached **Figure 1**.

The chemicals of concern are the dry-cleaning solvent tetrachloroethene (PCE) and its associated breakdown products trichloroethene, dichloroethane, and vinyl chloride collectively known as the chlorinated volatile organic compounds (CVOCs) described in this report.

The Responsible Party is:

Mr. Brian Cass
OHM Holdings, Inc.
W229 N2494 Hwy F
Waukesha, WI 53186
Telephone: 262-521-9710

On June 18, 2020, indoor and background outdoor air samples were collected for 8-hours. The indoor air sample IA-1 was collected from the center of the former OHM tenant space. The outdoor air sample was located on the fence running north/south along the west property boundary since the prevailing wind direction on that day was from the west. After retrieving the indoor and outdoor air samples later that day, sub-slab vapor samples were collected from three locations inside of the former OHM tenant space labeled SSV-1, SSV-2, and SSV-3 on **Figure 1**. SSV-1 was located near a sink drain and imprints on the floor which indicated the former location of some type of machinery. SSV-2 was located near a sanitary sewer cleanout and imprints on the floor indicating the location of former dry-cleaning machines. SSV-3 was located adjacent to a past sub-slab sample collected by Assured Environmental Associates, Inc.

Soil samples were collected from borings SB-3 and SB-4 on June 22, 2020 in the outside area where trash roll-offs are stored. It was anticipated that this area may have been used for disposal of spent dry cleaning

Document: 6143-1489

machine filters or other contaminated materials. One (1) additional soil boring was planned near the sanitary sewer lateral if that lateral was in a separate location from other property utilities. However, the property owner and City of Oconomowoc Department of Public Works confirmed that the sanitary lateral connected with the main on the west side of the building and was buried with other utilities (storm sewer, water, gas) and these utilities extended within the alleyway north and south. The utilities connect with a main in Thackery Trail to the north. Soil borings SB-3 and SB-4 were located within close proximity to these utility lines.

Soil borings SB-1 and SB-2 were planned to be completed on June 22nd for areas inside of the former OHM tenant space. However, when coring through the concrete slab at the location of SB-1, a significant void was detected below the slab that appeared, upon limited inspection, to be a pipe or tank. Subsequently, a plumber was scheduled to inspect the void with a sewer camera to determine the nature of the appurtenance, and the scheduled drilling and sampling of borings SB-1 and SB-2 was postponed.

On June 26, 2020, a camera inspection revealed the void to be a pipe chase constructed of concrete block floor and walls with a thin corrugated metal ceiling in direct contact with the concrete floor slab. The dimensions of the pipe chase were approximately 3-feet wide by 4.5-feet deep. There was approximately 18-inches of water in the chase that smelled rancid. The chase contained one (1) pipe anchored to the north side of the chase. The chase extended to the east and west beyond the existing walls of the OHM tenant space. To avoid further drilling into the chase, boring SB-1 was moved 4.5 feet to the south. The hole in the top of the chase was sealed by suspending a plug into the hole and filling the hole with hydraulic cement. Borings SB-1 and SB-2 were then completed on that day and the holes in the slab sealed with hydraulic cement.

Sampling Results

The laboratory results of soil and vapor samples collected are summarized and compared to public health criteria in attached **Table 1** and **Table 2**, respectively. The analytical laboratory reports are also attached.

Soil

Soil samples were collected continuously to a depth of 20 feet at all four (4) boring locations. Samples from the upper 0-2 feet were immediately preserved in methanol and stored on ice. Remaining soil samples were collected from every 2-foot depth interval to the maximum depth of sampling at 20 feet below ground surface. The samples were split and placed in zip lock bags. One (1) bag was immediately placed on ice in a cooler for potential laboratory analysis and the other was set aside for field screening using a photoionization detector (PID) that was capable of detecting volatile organic compounds in the parts per billion range. Three (3) soil samples were selected for laboratory analysis. The first sample was from the upper 2-feet of soil (already preserved in methanol) and the remaining two (2) soil samples were selected based on the PID readings. The additional selected soil samples were then removed from the cooler and preserved with methanol. All soil samples were analyzed for the CVOCs by EPA Method 8260.

As can be seen in **Table 1**, and the analytical results sheets, soil samples from borings SB-1, SB-2, SB-3, and SB-4 did not contain CVOCs in concentrations exceeding the laboratory detection limits.

Indoor Air and Sub-slab Vapor

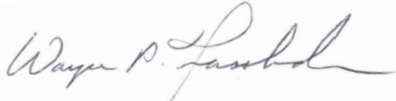
As seen in **Table 2**, and the analytical results sheets, there were no CVOCs detected in concentrations above the laboratory detection limits in either the indoor air sample (IA-1) or the sample of outside air (OA-1).

The CVOCs tetrachloroethene (PCE) and trichloroethene (TCE) were detected in all of the sub-slab samples collected, although the concentrations are below the residential and small commercial vapor risk levels (VRSLs) for these compounds. The current property designation is considered small commercial. Sample SSV-1 is not representative of sub-slab vapor at that location but instead is a sample of air within the pipe chase.

If you have any questions or concerns, please contact me at 414-982-3988 or by email at wfassbender@enviroforensics.com.

The WDNR project manager, Joseph Martinez, can be reached at 414-263-8705. We greatly appreciate your help and patience with this matter.

Sincerely,
EnviroForensics, LLC

A handwritten signature in black ink that reads "Wayne P. Fassbender".

Wayne Fassbender, PG, PMP
Senior Project Manager

Attachments: Figure 1: Sample Locations
Table 1: Soil Analytical Results Summary
Table 2: Vapor Intrusion Assessment Results Summary
Analytical Reports

Copy: Andrew Skwierawski, Davis & Kuelthau Attorneys
Joseph Martinez, Wisconsin Department of Natural Resources

Walgreens

Parking Lot

Bookstore

SSV-3

PT-3

IA-1

SITE

PT-2

FDCM

SSV-2/SB-2

Laundromat

Sink

SSV-1

SB-1

Bathroom

PT-1

Utility Room

Hallway

Utility

Coffee Shop

Parking Lot

SB-4

SB-3

OA-1

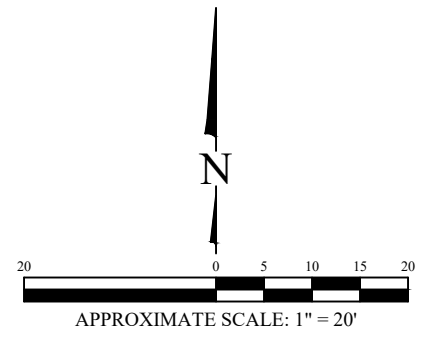
Roll-offs

Grass/Ditch

Commercial

Legend

- Property boundary
- GAS Underground gas utility line
- WTR Underground water utility line
- STM Underground storm utility line
- SAN Underground sanitary utility line
- Pipe chase
- Sewer cleaout
- Area of former dry cleaning machine
- PT-1 Previous locations of Sub-slab sample (AEA)
- SB-1 Soil boring
- SSV-1 Sub-slab vapor sample
- SSV-2/SB-2 Sub-slab vapor sample and soil boring
- OA-1 Outdoor air sample
- IA-1 Indoor air sample



SAMPLE LOCATIONS

OHM Summit
 1035 East Summit Avenue
 Oconomowoc, Wisconsin

Date:	7/14/20
Designed:	EB
Drawn:	EB
Checked:	WF
DWG file:	200009-0102



825 North Capitol Avenue • Indianapolis, IN 46204
 EnviroForensics.com

Figure	1
Project	200009

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY

Former OHM Tenant Space
Whitman Shopping Plaza, 1035 Summit Avenue, Oconomowoc, WI

Boring Identification	Sample Date	Sample Depth (feet)	PID Instrument Readings (in parts per billion)	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2 Dichloroethene	Vinyl Chloride
Soil Residual Contaminant Level - Soil to Goundwater				2.3	1.8	20.6	31.3	0.069
Soil Residual Contaminant Level - Direct Contact (Non-industrial)				33,000	1,300	156,000	1,560,000	67
Soil Residual Contaminant Level - Direct Contact (Industrial)				145,000	8,410	2,340,000	1,850,000	2,080
SB-1	5/8/2008	0-2'	287	<40	<48	<21	<38	<66
		4-6'	777	<40	<48	<21	<38	<66
		18-20'	665	<40	<48	<21	<38	<66
SB-2	5/8/2008	0-2'	500	<40	<48	<21	<38	<66
		6-8'	1,022	<40	<48	<21	<38	<66
		16-18'	1,265	<40	<48	<21	<38	<66
SB-3	5/8/2008	0-2'	782	<40	<48	<21	<38	<66
		14-16'	1,296	<40	<48	<21	<38	<66
		18-20'	1,186	<40	<48	<21	<38	<66
SB-4	11/5/2009	0-2'	262	<40	<48	<21	<38	<66
		8-10'	1,317	<40	<48	<21	<38	<66
		18-20'	1,101	<40	<48	<21	<38	<66

Notes:

Residual Contaminant Levels (RCL) are based on Wisconsin Department of Natural Resources NR 720 Wisconsin Administrative Code and publication RR-890.

Concentrations reported in units of micrograms per kilogram = $\mu\text{g}/\text{kg}$

TABLE 2
VAPOR INTRUSION ASSESSMENT RESULTS SUMMARY

Former OHM Tenant Space in Whitman Shopping Plaza

1035 Summit Avenue

Oconomowoc, Wisconsin

Sample Identification	Sample Location	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride
Indoor/Outdoor Air Samples							
Small Commercial Vapor Action Level (VAL)			180	8.8	NE	NE	28.0
Residential Vapor Action Level (VAL)			42	2.1	NE	NE	1.7
OA	Outdoor	6/18/2020	<3.19	<1.07	<19.8	<39.6	<1.28
IA-1	First Floor	6/18/2020	<3.19	<1.07	<19.8	<39.6	<1.28
Sub-Slab Vapor Samples							
Small Commercial Vapor Risk Screening Level (VRSL)			6,000	290	NE	NE	930
Residential Vapor Risk Screening Level (VRSL)			1,400	70	NE	NE	57
SSV-1	First Floor Pipe Chase Air	6/18/2020	78.7	3.17	<19.8	<39.6	< 1.28
SSV-2	First Floor (Sub-Slab)	6/18/2020	829	39.1	<19.8	<39.6	< 1.28
SSV-3	First Floor (Sub-Slab)	9/12/2014	1,140	3.06	<19.8	<39.6	<1.28

Notes:

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

Bolded values are above laboratory detection limits

Bolded and Orange Shaded values exceed the Small Commercial VAL and/or VRSL

Bolded and Blue Shaded values exceed the Residential VAL and/or VRSL

NE = Not Established

Synergy Environmental Lab, INC

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

WAYNE FASSBENDER
ENVIROFORENSICS
N16 W 23390 STONERIDGE DR
WAUKESHA WI 53188

Report Date 13-Jul-20

Project Name OHM SUMMIT
Project # 200009 PO#2020-1670
Lab Code 5038122A
Sample ID SB-1 0-2'
Sample Matrix Soil
Sample Date 6/26/2020

Invoice # E38122

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.069	1	8260B		7/9/2020	CJR	1
trans-1,2-Dichloroethene	< 0.038	mg/kg	0.038	0.12	1	8260B		7/9/2020	CJR	1
Tetrachloroethene	< 0.04	mg/kg	0.04	0.13	1	8260B		7/9/2020	CJR	1
Trichloroethene (TCE)	< 0.048	mg/kg	0.048	0.15	1	8260B		7/9/2020	CJR	1
Vinyl Chloride	< 0.066	mg/kg	0.066	0.21	1	8260B		7/9/2020	CJR	1
SUR - 1,2-Dichloroethane-d4	116	Rec %			1	8260B		7/9/2020	CJR	1
SUR - 4-Bromofluorobenzene	95	Rec %			1	8260B		7/9/2020	CJR	1
SUR - Dibromofluoromethane	138	Rec %			1	8260B		7/9/2020	CJR	1
SUR - Toluene-d8	88	Rec %			1	8260B		7/9/2020	CJR	1

Project Name OHM SUMMIT
Project # 200009 PO#2020-1670

Invoice # E38122

Lab Code 5038122B
Sample ID SB-1 4-6'
Sample Matrix Soil
Sample Date 6/26/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.069	1	8260B		7/9/2020	CJR	1
trans-1,2-Dichloroethene	< 0.038	mg/kg	0.038	0.12	1	8260B		7/9/2020	CJR	1
Tetrachloroethene	< 0.04	mg/kg	0.04	0.13	1	8260B		7/9/2020	CJR	1
Trichloroethene (TCE)	< 0.048	mg/kg	0.048	0.15	1	8260B		7/9/2020	CJR	1
Vinyl Chloride	< 0.066	mg/kg	0.066	0.21	1	8260B		7/9/2020	CJR	1
SUR - 4-Bromofluorobenzene	98	Rec %			1	8260B		7/9/2020	CJR	1
SUR - Dibromofluoromethane	136	Rec %			1	8260B		7/9/2020	CJR	1
SUR - Toluene-d8	88	Rec %			1	8260B		7/9/2020	CJR	1
SUR - 1,2-Dichloroethane-d4	115	Rec %			1	8260B		7/9/2020	CJR	1

Lab Code 5038122C
Sample ID SB-1 18-20'
Sample Matrix Soil
Sample Date 6/26/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.069	1	8260B		7/9/2020	CJR	1
trans-1,2-Dichloroethene	< 0.038	mg/kg	0.038	0.12	1	8260B		7/9/2020	CJR	1
Tetrachloroethene	< 0.04	mg/kg	0.04	0.13	1	8260B		7/9/2020	CJR	1
Trichloroethene (TCE)	< 0.048	mg/kg	0.048	0.15	1	8260B		7/9/2020	CJR	1
Vinyl Chloride	< 0.066	mg/kg	0.066	0.21	1	8260B		7/9/2020	CJR	1
SUR - Dibromofluoromethane	128	Rec %			1	8260B		7/9/2020	CJR	1
SUR - 1,2-Dichloroethane-d4	105	Rec %			1	8260B		7/9/2020	CJR	1
SUR - 4-Bromofluorobenzene	99	Rec %			1	8260B		7/9/2020	CJR	1
SUR - Toluene-d8	88	Rec %			1	8260B		7/9/2020	CJR	1

Lab Code 5038122D
Sample ID SB-2 0-2'
Sample Matrix Soil
Sample Date 6/26/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.069	1	8260B		7/9/2020	CJR	1
trans-1,2-Dichloroethene	< 0.038	mg/kg	0.038	0.12	1	8260B		7/9/2020	CJR	1
Tetrachloroethene	< 0.04	mg/kg	0.04	0.13	1	8260B		7/9/2020	CJR	1
Trichloroethene (TCE)	< 0.048	mg/kg	0.048	0.15	1	8260B		7/9/2020	CJR	1
Vinyl Chloride	< 0.066	mg/kg	0.066	0.21	1	8260B		7/9/2020	CJR	1
SUR - 1,2-Dichloroethane-d4	102	Rec %			1	8260B		7/9/2020	CJR	1
SUR - 4-Bromofluorobenzene	105	Rec %			1	8260B		7/9/2020	CJR	1
SUR - Dibromofluoromethane	127	Rec %			1	8260B		7/9/2020	CJR	1
SUR - Toluene-d8	89	Rec %			1	8260B		7/9/2020	CJR	1

Project Name OHM SUMMIT
Project # 200009 PO#2020-1670

Invoice # E38122

Lab Code 5038122E
Sample ID SB-2 6-8'
Sample Matrix Soil
Sample Date 6/26/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.069	1	8260B		7/9/2020	CJR	1
trans-1,2-Dichloroethene	< 0.038	mg/kg	0.038	0.12	1	8260B		7/9/2020	CJR	1
Tetrachloroethene	< 0.04	mg/kg	0.04	0.13	1	8260B		7/9/2020	CJR	1
Trichloroethene (TCE)	< 0.048	mg/kg	0.048	0.15	1	8260B		7/9/2020	CJR	1
Vinyl Chloride	< 0.066	mg/kg	0.066	0.21	1	8260B		7/9/2020	CJR	1
SUR - 4-Bromofluorobenzene	96	Rec %			1	8260B		7/9/2020	CJR	1
SUR - Dibromofluoromethane	127	Rec %			1	8260B		7/9/2020	CJR	1
SUR - Toluene-d8	91	Rec %			1	8260B		7/9/2020	CJR	1
SUR - 1,2-Dichloroethane-d4	104	Rec %			1	8260B		7/9/2020	CJR	1

Lab Code 5038122F
Sample ID SB-2 16-18'
Sample Matrix Soil
Sample Date 6/26/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.069	1	8260B		7/9/2020	CJR	1
trans-1,2-Dichloroethene	< 0.038	mg/kg	0.038	0.12	1	8260B		7/9/2020	CJR	1
Tetrachloroethene	< 0.04	mg/kg	0.04	0.13	1	8260B		7/9/2020	CJR	1
Trichloroethene (TCE)	< 0.048	mg/kg	0.048	0.15	1	8260B		7/9/2020	CJR	1
Vinyl Chloride	< 0.066	mg/kg	0.066	0.21	1	8260B		7/9/2020	CJR	1
SUR - Toluene-d8	88	Rec %			1	8260B		7/9/2020	CJR	1
SUR - 1,2-Dichloroethane-d4	113	Rec %			1	8260B		7/9/2020	CJR	1
SUR - 4-Bromofluorobenzene	99	Rec %			1	8260B		7/9/2020	CJR	1
SUR - Dibromofluoromethane	130	Rec %			1	8260B		7/9/2020	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code	Comment
1	Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature



Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Sample Handling Request
 Rush Analysis Date Required _____
 (Rushes accepted only with prior authorization)
 Normal Turn Around

Lab I.D. # _____
 Account No.: _____ Quote No.: _____
 Project #: 200009
 Sampler: (signature) Wayne Fausch

Project (Name / Location): OHM Summit, Oconomowoc, WI
 Reports To: W. Fausch Invoice To: Same
 Company: Enviro Forensics Company: _____
 Address: Waukesha, WI Address: _____
 City State Zip: _____ City State Zip: _____
 Phone: 414-982-3988 Phone: _____
 FAX: _____ FAX: _____

Analysis Requested		Other Analysis	
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	PID/FID	
LEAD			
NITRATE/NITRITE			
OIL & GREASE			
PAH (EPA 8270)			
PCB			
PVOC (EPA 8021)			
PVOC + NAPHTHALENE			
SULFATE			
TOTAL SUSPENDED SOLIDS			
VOC DW (EPA 524.2)			
VOC (EPA 8260) <u>CVOC</u>			
8-PCRA METALS			

Lab I.D.	Sample I.D.	Collection Date Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
<u>S05012A</u>	<u>SB-10-2'</u>	<u>6/26/20 1215</u>		<u>X</u>	<u>NA</u>	<u>1</u>	<u>Soil</u>	<u>Methanol</u>
<u>B</u>	<u>SB-14-6'</u>	<u>11 1227</u>		<u>X</u>	<u>11</u>	<u>1</u>	<u>11</u>	<u>11</u>
<u>C</u>	<u>SB-18-20'</u>	<u>11 1240</u>		<u>X</u>	<u>11</u>	<u>1</u>	<u>11</u>	<u>11</u>
<u>D</u>	<u>SB-20-2'</u>	<u>11 1117</u>		<u>X</u>	<u>11</u>	<u>1</u>	<u>11</u>	<u>11</u>
<u>E</u>	<u>SB-26-8'</u>	<u>11 1245</u>		<u>X</u>	<u>11</u>	<u>1</u>	<u>11</u>	<u>11</u>
<u>F</u>	<u>SB-26-18'</u>	<u>11 1248</u>		<u>X</u>	<u>11</u>	<u>1</u>	<u>11</u>	<u>11</u>

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Use P.O. # 2020-1670. Dry Cleaner short list of CVOC's.

Sample Integrity - To be completed by receiving lab.
 Method of Shipment: Over
 Temp. of Temp. Blank _____ °C On Ice
 Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) Wayne Fausch Time 1245 Date 6/30/20
 Received By: (sign) _____ Time _____ Date _____
 Received in Laboratory By: [Signature] Time: 12:45 Date: 6-30-20

Synergy Environmental Lab, INC

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

WAYNE FASSBENDER
ENVIROFORENSICS
N16 W 23390 STONERIDGE DR
WAUKESHA WI 53188

Report Date 30-Jun-20

Project Name OHM SUMMIT
Project # 200009 PO#2020-1670
Lab Code 5038091A
Sample ID SB-3 0-2'
Sample Matrix Soil
Sample Date 6/22/2020

Invoice # E38091

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.069	1	8260B		6/25/2020	CJR	1
trans-1,2-Dichloroethene	< 0.038	mg/kg	0.038	0.12	1	8260B		6/25/2020	CJR	1
Tetrachloroethene	< 0.04	mg/kg	0.04	0.13	1	8260B		6/25/2020	CJR	1
Trichloroethene (TCE)	< 0.048	mg/kg	0.048	0.15	1	8260B		6/25/2020	CJR	1
Vinyl Chloride	< 0.066	mg/kg	0.066	0.21	1	8260B		6/25/2020	CJR	1
SUR - 4-Bromofluorobenzene	96	Rec %			1	8260B		6/25/2020	CJR	1
SUR - 1,2-Dichloroethane-d4	109	Rec %			1	8260B		6/25/2020	CJR	1
SUR - Dibromofluoromethane	107	Rec %			1	8260B		6/25/2020	CJR	1
SUR - Toluene-d8	93	Rec %			1	8260B		6/25/2020	CJR	1

Project Name OHM SUMMIT
Project # 200009 PO#2020-1670

Invoice # E38091

Lab Code 5038091B
Sample ID SB-3 14-16'
Sample Matrix Soil
Sample Date 6/22/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.069	1	8260B		6/25/2020	CJR	1
trans-1,2-Dichloroethene	< 0.038	mg/kg	0.038	0.12	1	8260B		6/25/2020	CJR	1
Tetrachloroethene	< 0.04	mg/kg	0.04	0.13	1	8260B		6/25/2020	CJR	1
Trichloroethene (TCE)	< 0.048	mg/kg	0.048	0.15	1	8260B		6/25/2020	CJR	1
Vinyl Chloride	< 0.066	mg/kg	0.066	0.21	1	8260B		6/25/2020	CJR	1
SUR - Toluene-d8	95	Rec %			1	8260B		6/25/2020	CJR	1
SUR - Dibromofluoromethane	104	Rec %			1	8260B		6/25/2020	CJR	1
SUR - 1,2-Dichloroethane-d4	103	Rec %			1	8260B		6/25/2020	CJR	1
SUR - 4-Bromofluorobenzene	97	Rec %			1	8260B		6/25/2020	CJR	1

Lab Code 5038091C
Sample ID SB-3 18-20'
Sample Matrix Soil
Sample Date 6/22/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.069	1	8260B		6/25/2020	CJR	1
trans-1,2-Dichloroethene	< 0.038	mg/kg	0.038	0.12	1	8260B		6/25/2020	CJR	1
Tetrachloroethene	< 0.04	mg/kg	0.04	0.13	1	8260B		6/25/2020	CJR	1
Trichloroethene (TCE)	< 0.048	mg/kg	0.048	0.15	1	8260B		6/25/2020	CJR	1
Vinyl Chloride	< 0.066	mg/kg	0.066	0.21	1	8260B		6/25/2020	CJR	1
SUR - 4-Bromofluorobenzene	98	Rec %			1	8260B		6/25/2020	CJR	1
SUR - Dibromofluoromethane	104	Rec %			1	8260B		6/25/2020	CJR	1
SUR - 1,2-Dichloroethane-d4	101	Rec %			1	8260B		6/25/2020	CJR	1
SUR - Toluene-d8	94	Rec %			1	8260B		6/25/2020	CJR	1

Lab Code 5038091D
Sample ID SB-4 0-2'
Sample Matrix Soil
Sample Date 6/22/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.069	1	8260B		6/25/2020	CJR	1
trans-1,2-Dichloroethene	< 0.038	mg/kg	0.038	0.12	1	8260B		6/25/2020	CJR	1
Tetrachloroethene	< 0.04	mg/kg	0.04	0.13	1	8260B		6/25/2020	CJR	1
Trichloroethene (TCE)	< 0.048	mg/kg	0.048	0.15	1	8260B		6/25/2020	CJR	1
Vinyl Chloride	< 0.066	mg/kg	0.066	0.21	1	8260B		6/25/2020	CJR	1
SUR - Toluene-d8	92	Rec %			1	8260B		6/25/2020	CJR	1
SUR - Dibromofluoromethane	100	Rec %			1	8260B		6/25/2020	CJR	1
SUR - 4-Bromofluorobenzene	100	Rec %			1	8260B		6/25/2020	CJR	1
SUR - 1,2-Dichloroethane-d4	101	Rec %			1	8260B		6/25/2020	CJR	1

Project Name OHM SUMMIT
Project # 200009 PO#2020-1670

Invoice # E38091

Lab Code 5038091E
Sample ID SB-4 8-10'
Sample Matrix Soil
Sample Date 6/22/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.069	1	8260B		6/25/2020	CJR	1
trans-1,2-Dichloroethene	< 0.038	mg/kg	0.038	0.12	1	8260B		6/25/2020	CJR	1
Tetrachloroethene	< 0.04	mg/kg	0.04	0.13	1	8260B		6/25/2020	CJR	1
Trichloroethene (TCE)	< 0.048	mg/kg	0.048	0.15	1	8260B		6/25/2020	CJR	1
Vinyl Chloride	< 0.066	mg/kg	0.066	0.21	1	8260B		6/25/2020	CJR	1
SUR - Dibromofluoromethane	106	Rec %			1	8260B		6/25/2020	CJR	1
SUR - Toluene-d8	92	Rec %			1	8260B		6/25/2020	CJR	1
SUR - 4-Bromofluorobenzene	96	Rec %			1	8260B		6/25/2020	CJR	1
SUR - 1,2-Dichloroethane-d4	106	Rec %			1	8260B		6/25/2020	CJR	1

Lab Code 5038091F
Sample ID SB-4 18-20'
Sample Matrix Soil
Sample Date 6/22/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.069	1	8260B		6/25/2020	CJR	1
trans-1,2-Dichloroethene	< 0.038	mg/kg	0.038	0.12	1	8260B		6/25/2020	CJR	1
Tetrachloroethene	< 0.04	mg/kg	0.04	0.13	1	8260B		6/25/2020	CJR	1
Trichloroethene (TCE)	< 0.048	mg/kg	0.048	0.15	1	8260B		6/25/2020	CJR	1
Vinyl Chloride	< 0.066	mg/kg	0.066	0.21	1	8260B		6/25/2020	CJR	1
SUR - 1,2-Dichloroethane-d4	101	Rec %			1	8260B		6/25/2020	CJR	1
SUR - 4-Bromofluorobenzene	102	Rec %			1	8260B		6/25/2020	CJR	1
SUR - Dibromofluoromethane	106	Rec %			1	8260B		6/25/2020	CJR	1
SUR - Toluene-d8	95	Rec %			1	8260B		6/25/2020	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code	Comment
1	Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

Environmental Lab, Inc.

www.synergy-lab.net
 1990 Prospect Ct. • Appleton, WI 54914
 920-830-2455 • mrsynergy@wi.twcbc.com

Sample Handling Request

Rush Analysis Date Required: _____
 (Rushes accepted only with prior authorization)
 Normal Turn Around

Lab I.D. # _____
 QUOTE #: _____
 Project #: 20009 OHM Summit
 Sampler: (signature) *[Signature]*

Project (Name / Location): OHM Summit, Oconomowoc, WI
 Reports To: W. Fassbender Invoice To: Same
 Company: Enviro Forensics Company: _____
 Address: Waukesha, WI Address: _____
 City State Zip: _____ City State Zip: _____
 Phone: (414) 982-3988 Phone: _____
 Email: wassbender@enviroforensics.com Email: _____

Analysis Requested										Other Analysis					
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260) CUC	VOC AIR (TO - 15)	8-RCRA METALS	PID/FID

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
S058091A	SB-3 0-2'	6/23/20	1035	NA	1	Soil	Methanol
B	SB-3 14-16'	"	1125	"	1	"	"
C	SB-3 18-20'	"	1127	"	1	"	"
D	SB-4 0-2'	"	0910	"	1	"	"
E	SB-4 8-10'	"	1015	"	1	"	"
F	SB-4 18-20'	6/23/20	1017	NA	1	Soil	Methanol

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)
 CUC Short List.
 P.O. # 2020-1670
 No Percent Solids Comriser Submitted with sample
 Mr 6-24-20

Sample Integrity - To be completed by receiving lab.
 Method of Shipment: GC
 Temp. of Temp. Blank: _____ °C On Ice:
 Cooler seal intact upon receipt: Yes No

Relinquished By: (Sign) *[Signature]* Time 1230 Date 6/23/20
 Received By: (sign) *[Signature]* Time 1230 Date 6/23/20
 Received in Laboratory By: *[Signature]* Time: 8:00 Date: 6/24/20



EnvisionAir
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Indianapolis, IN 46239
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Mr. Wayne Fassbender
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

June 30, 2020

EnvisionAir Project Number: 2020-328
Client Project Name: 200009 – OHM Summit

Dear Mr. Fassbender,

Please find the attached analytical report for the samples received June 23, 2020. 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 "Stanley A. Hunnicutt".

Stanley A Hunnicutt

Project Manager
EnvisionAir, LLC



EnvisionAir
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 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS
Project ID: 200009- OHM SUMMIT
Client Project Manager: WAYNE FASSBENDER
EnvisionAir Project Number: 2020-328

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>Canister Pressure / Vacuum</u>		<u>Lab</u>
			<u>Date</u>	<u>Time</u>					<u>Initial Field</u>	<u>Final Field</u>	
			<u>Collected:</u>	<u>Collected:</u>	<u>Collected:</u>	<u>Collected:</u>	<u>Received:</u>	<u>Received:</u>	<u>(in. Hg)</u>	<u>(in. Hg)</u>	<u>(in. Hg)</u>
20-1504	IA-1	A	6/18/20	8:05	6/18/20	16:05	6/23/20	14:15	-29	-7	-7
20-1505	OA-1	A	6/18/20	8:15	6/18/20	16:20	6/23/20	14:15	-29	-9	-9
20-1506	SSV-1	A	6/18/20	17:25	6/18/20	17:35	6/23/20	14:15	-28	-3	-3
20-1507	SSV-2	A	6/18/20	17:58	6/18/20	18:08	6/23/20	14:15	-29	-3	-3
20-1508	SSV-3	A	6/18/20	18:20	6/18/20	18:28	6/23/20	14:15	-30	-3	-3



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Client Name: ENVIROFORENSICS
Project ID: 200009 - OHM SUMMIT
Client Project Manager: WAYNE FASSBENDER
EnvisionAir Project Number: 2020-328

Analytical Method: TO-15
Analytical Batch: 062420AIR

Client Sample ID: IA-1
EnvisionAir Sample Number: 20-1504
Sample Matrix: AIR

Sample Collection START Date/Time: 6/18/20 8:05
Sample Collection END Date/Time: 6/18/20 16:05
Sample Received Date/Time: 6/23/20 14:15

<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)	95%		
Analysis Date/Time:	6-24-20/21:09		
Analyst Initials	tjg		



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Client Name: ENVIROFORENSICS
Project ID: 200009 - OHM SUMMIT
Client Project Manager: WAYNE FASSBENDER
EnvisionAir Project Number: 2020-328

Analytical Method: TO-15
Analytical Batch: 062420AIR

Client Sample ID: OA-1
EnvisionAir Sample Number: 20-1505
Sample Matrix: AIR

Sample Collection START Date/Time: 6/18/20 8:15
Sample Collection END Date/Time: 6/18/20 16:20
Sample Received Date/Time: 6/23/20 14:15

<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)	90%		
Analysis Date/Time:	6-24-20/21:50		
Analyst Initials	tjg		



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Client Name: ENVIROFORENSICS
Project ID: 200009 - OHM SUMMIT
Client Project Manager: WAYNE FASSBENDER
EnvisionAir Project Number: 2020-328

Analytical Method: TO-15
Analytical Batch: 062720AIR

Client Sample ID: SSV-1
EnvisionAir Sample Number: 20-1506
Sample Matrix: AIR

Sample Collection START Date/Time: 6/18/20 17:25
Sample Collection END Date/Time: 6/18/20 17:35
Sample Received Date/Time: 6/23/20 14:15

<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	78.7	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichloroethene	3.17	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	94%		
Analysis Date/Time:	6-28-20/08:07		
Analyst Initials	tjg		



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Client Name: ENVIROFORENSICS
Project ID: 200009 - OHM SUMMIT
Client Project Manager: WAYNE FASSBENDER
EnvisionAir Project Number: 2020-328

Analytical Method: TO-15
Analytical Batch: 062720AIR

Client Sample ID: SSV-2
EnvisionAir Sample Number: 20-1507
Sample Matrix: AIR

Sample Collection START Date/Time: 6/18/20 17:58
Sample Collection END Date/Time: 6/18/20 18:08
Sample Received Date/Time: 6/23/20 14:15

<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	829	31.9	1
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichloroethene	39.1	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	94%		
Analysis Date/Time:	6-28-20/09:26		
Analyst Initials	tjg		



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Client Name: ENVIROFORENSICS
Project ID: 200009 - OHM SUMMIT
Client Project Manager: WAYNE FASSBENDER
EnvisionAir Project Number: 2020-328

Analytical Method: TO-15
Analytical Batch: 062720AIR

Client Sample ID: SSV-3 **Sample Collection START Date/Time:** 6/18/20 18:20
Sample Collection END Date/Time: 6/18/20 18:28
EnvisionAir Sample Number: 20-1508 **Sample Received Date/Time:** 6/23/20 14:15
Sample Matrix: AIR

<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	1,140	31.9	1
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichloroethene	3.06	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	90%		
Analysis Date/Time:	6-28-20/10:46		
Analyst Initials	tjg		

TO-15 Quality Control Data

EnvisionAir Batch Number: 062420AIR

<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)	105%		
Analysis Date/Time:	6-24-20/18:27		
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	9.12	10.5	10	91%	105%	14.1%	
trans-1,2-Dichloroethene	9.33	8.45	10	93%	85%	9.9%	
cis-1,2-Dichloroethene	9.24	11	10	92%	110%	17.4%	
Trichloroethene	10.5	9.21	10	105%	92%	13.1%	
Tetrachloroethene	10.4	10.6	10	104%	106%	1.9%	
4-bromofluorobenzene (surrogate)	100%	104%					
Analysis Date/Time:	6-24-20/16:32	6-24-20/19:12					
Analyst Initials	tjg	tjg					

TO-15 Quality Control Data

EnvisionAir Batch Number: 062720AIR

<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)	106%		
Analysis Date/Time:	6-27-20/14:36		
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	9.62	9.8	10	96%	98%	1.9%	
trans-1,2-Dichloroethene	11	9.69	10	110%	97%	12.7%	
cis-1,2-Dichloroethene	10.6	9.44	10	106%	94%	11.6%	
Trichloroethene	9.66	10.1	10	97%	101%	4.5%	
Tetrachloroethene	10.4	10.4	10	104%	104%	0.0%	
4-bromofluorobenzene (surrogate)	96%	93%					
Analysis Date/Time:	6-27-20/13:14	6-27-20/13:59					
Analyst Initials	tjg	tjg					



EnvisionAir
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Flag Number

1

Comments

Reported value is from a 10x dilution. TJG 6/29/20

CHAIN OF CUSTODY RECORD

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

Client: <i>Envision Forensics</i>	P.O. Number: <i>2020-1669</i>
Report Address: <i>Waukegan, WI Office</i>	Project Name or Number: <i>200009-GHM Summit</i>
Report To: <i>W. Fassbender</i>	Sampled by: <i>W. Fassbender</i>
Phone: <i>(414) 982-3988</i>	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address: <i>Envision-Waukegan</i>	Reporting Units needed: (circle) <u>ug/m³</u> mg/m ³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days <u>Std (5 bus. days)</u>	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:

www.envision-air.com

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
IA-1	6LC	6/18/20	0805		1605	X			17894 83735	05300	-29	-7	-7	20-1504
OA-1	6LC	6/18/20	0815		1620	X			20494	12 07624	-29	-9	-9	20-1505
SSU-1	1LC	6/18/20	1725		1735	X			83735	0038	-28	-3	-3	20-1506
SSU-2	1LC	6/18/20	1758		1808	X			83731	0113	-29	-3	-3	20-1507
SSU-3	1LC	6/18/20	1820		1828	X			83814	0124	-30	-3	-3	20-1508

Comments: *Dry Cleaner short list. FYI - During sampling, SSU-1 had condensate in line past moisture separator.*

Relinquished by:	Date	Time	Received by:	Date	Time
<i>W. Fassbender</i>	6/22/20	1700	<i>FELIX J. ...</i>	6/22/20	
			<i>Stew ...</i>	6/23/20	1415