



RECEIVED

October 2, 2015

OCT 5 - 2015

Initial:

Frank Marinello
2248 South 108th Street
West Allis, WI 53227

**RE: Environmental Sampling Results Notification
2248 South 108th Street, West Allis, Wisconsin
BRRTS# 02-41-246246**

Dear Mr. Marinello:

In accordance with Wisconsin Department of Natural Resources (WDNR) regulation NR 716.14, Environmental Forensic Investigations, Inc. (EnviroForensics) is providing the results of an environmental sample collected from your property located at 2248 South 108th Street in West Allis, Wisconsin. The sample was collected on September 8, 2015. The sampling activities are part of an environmental investigation being performed for the One Hour Martinizing facility located at 2262 S 108th Street in West Allis 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:

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

Sampling Results

One (1) water sample was collected from the sump in the basement of your building. The analytical results are summarized and compared to WDNR groundwater standards on the attached Table 1. Pertinent pages of the laboratory analytical report are also attached. As can be seen in the data table, the sump sample contained PCE and vinyl chloride at concentrations of 81 micrograms per liter ($\mu\text{g/L}$) and 3.6 $\mu\text{g/L}$, respectively, which are above the WDNR enforcement standards of 5 $\mu\text{g/L}$ and 0.2 $\mu\text{g/L}$, respectively. Cis-1, 2-Dichloroethene was detected above the WDNR preventive action limit of 7 $\mu\text{g/L}$ at a concentration of 33 $\mu\text{g/L}$. No other chemicals of concern were detected in the sump sample.

Document: 6406-0102
Environmental Forensic Investigations, Inc.
N16 W23390 Stone Ridge Drive, Suite G, Waukesha, WI 53188
Phone: 262-290-4001 • Fax 317-972-7875



Thank you for cooperating with our investigations. We will contact you in advance if there are any additional investigations needed on your property. 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, John Hnat, can be reached at 414-263-8644. We greatly appreciate your help and patience with this matter.

Sincerely,
Environmental Forensic Investigations, Inc.

A handwritten signature in cursive script, appearing to read "Wayne P. Fassbender".

Wayne Fassbender, PG, PMP
Senior Project Manager

Attachments:

Table 1 – Sump Sample Analytical Results Summary
Laboratory Report Excerpt

TABLE 1
SUMP SAMPLE ANALYTICAL RESULTS SUMMARY - 2248 S. 108th STREET
 One Hour Martinizing
 2262 S. 108th Street, West Allis, Wisconsin

Sample Identification	Sample Date	Tetrachloroethene	cis-1,2-Dichloroethene	Vinyl Chloride
6406-2248-SUMP	9/8/2015	81	33	3.6 J
Enforcement Standard		5	70	0.2
Preventive Action Limit		0.5	7	0.02

Notes:

All results reported in units of micrograms per liter (µg/L)

J = Analyte concentration is above the method detection limit and below the reporting limit

Bolded values are above method detection limits

Bolded and orange shaded values exceed the Enforcement Standard

Bolded and blue shaded values exceed the Preventive Action Limit

Project Name WEST ALLIS OHM
 Project # 6406.1D

Invoice # E29659

Lab Code 5029659B
 Sample ID 6406-2248-SUMP
 Sample Matrix Water
 Sample Date 9/8/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 4.4	ug/l	4.4	14	10	8260B		9/16/2015	CJR	1
Bromobenzene	< 4.8	ug/l	4.8	15	10	8260B		9/16/2015	CJR	1
Bromodichloromethane	< 4.6	ug/l	4.6	15	10	8260B		9/16/2015	CJR	1
Bromoform	< 4.6	ug/l	4.6	15	10	8260B		9/16/2015	CJR	1
tert-Butylbenzene	< 11	ug/l	11	34	10	8260B		9/16/2015	CJR	1
sec-Butylbenzene	< 12	ug/l	12	38	10	8260B		9/16/2015	CJR	1
n-Butylbenzene	< 10	ug/l	10	33	10	8260B		9/16/2015	CJR	1
Carbon Tetrachloride	< 5.1	ug/l	5.1	16	10	8260B		9/16/2015	CJR	1
Chlorobenzene	< 4.6	ug/l	4.6	14	10	8260B		9/16/2015	CJR	1
Chloroethane	< 6.5	ug/l	6.5	21	10	8260B		9/16/2015	CJR	1
Chloroform	< 4.3	ug/l	4.3	14	10	8260B		9/16/2015	CJR	1
Chloromethane	< 19	ug/l	19	60	10	8260B		9/16/2015	CJR	1
2-Chlorotoluene	< 4	ug/l	4	13	10	8260B		9/16/2015	CJR	1
4-Chlorotoluene	< 6.3	ug/l	6.3	20	10	8260B		9/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 14	ug/l	14	45	10	8260B		9/16/2015	CJR	1
Dibromochloromethane	< 4.5	ug/l	4.5	14	10	8260B		9/16/2015	CJR	1
1,4-Dichlorobenzene	< 4.9	ug/l	4.9	16	10	8260B		9/16/2015	CJR	1
1,3-Dichlorobenzene	< 5.2	ug/l	5.2	16	10	8260B		9/16/2015	CJR	1
1,2-Dichlorobenzene	< 4.6	ug/l	4.6	15	10	8260B		9/16/2015	CJR	1
Dichlorodifluoromethane	< 8.7	ug/l	8.7	28	10	8260B		9/16/2015	CJR	1
1,2-Dichloroethane	< 4.8	ug/l	4.8	15	10	8260B		9/16/2015	CJR	1
1,1-Dichloroethane	< 11	ug/l	11	36	10	8260B		9/16/2015	CJR	1
1,1-Dichloroethene	< 6.5	ug/l	6.5	21	10	8260B		9/16/2015	CJR	1
cis-1,2-Dichloroethene	33	ug/l	4.5	14	10	8260B		9/16/2015	CJR	1
trans-1,2-Dichloroethene	< 5.4	ug/l	5.4	17	10	8260B		9/16/2015	CJR	1
1,2-Dichloropropane	< 4.3	ug/l	4.3	13.7	10	8260B		9/16/2015	CJR	1
2,2-Dichloropropane	< 31	ug/l	31	98	10	8260B		9/16/2015	CJR	1
1,3-Dichloropropane	< 4.2	ug/l	4.2	13	10	8260B		9/16/2015	CJR	1
Di-isopropyl ether	< 4.4	ug/l	4.4	14	10	8260B		9/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 6.3	ug/l	6.3	20	10	8260B		9/16/2015	CJR	1
Ethylbenzene	< 7.1	ug/l	7.1	23	10	8260B		9/16/2015	CJR	1
Hexachlorobutadiene	< 22	ug/l	22	71	10	8260B		9/16/2015	CJR	1
Isopropylbenzene	< 8.2	ug/l	8.2	26	10	8260B		9/16/2015	CJR	1
p-Isopropyltoluene	< 11	ug/l	11	35	10	8260B		9/16/2015	CJR	1
Methylene chloride	< 13	ug/l	13	42	10	8260B		9/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 11	ug/l	11	37	10	8260B		9/16/2015	CJR	1
Naphthalene	< 16	ug/l	16	52	10	8260B		9/16/2015	CJR	1
n-Propylbenzene	< 7.7	ug/l	7.7	24	10	8260B		9/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 5.2	ug/l	5.2	17	10	8260B		9/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 4.8	ug/l	4.8	15	10	8260B		9/16/2015	CJR	1
Tetrachloroethene	81	ug/l	4.9	15	10	8260B		9/16/2015	CJR	1
Toluene	< 4.4	ug/l	4.4	14	10	8260B		9/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 17	ug/l	17	56	10	8260B		9/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 27	ug/l	27	86	10	8260B		9/16/2015	CJR	1
1,1,1-Trichloroethane	< 8.4	ug/l	8.4	27	10	8260B		9/16/2015	CJR	1
1,1,2-Trichloroethane	< 4.8	ug/l	4.8	15.2	10	8260B		9/16/2015	CJR	1
Trichloroethene (TCE)	< 4.7	ug/l	4.7	15	10	8260B		9/16/2015	CJR	1
Trichlorofluoromethane	< 8.7	ug/l	8.7	28	10	8260B		9/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 16	ug/l	16	50	10	8260B		9/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 15	ug/l	15	48	10	8260B		9/16/2015	CJR	1
Vinyl Chloride	3.6 "J"	ug/l	1.7	5.4	10	8260B		9/16/2015	CJR	1
m&p-Xylene	< 22	ug/l	22	69	10	8260B		9/16/2015	CJR	1
o-Xylene	< 9	ug/l	9	29	10	8260B		9/16/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	104	REC %			10	8260B		9/16/2015	CJR	1
SUR - 4-Bromofluorobenzene	116	REC %			10	8260B		9/16/2015	CJR	1
SUR - Dibromofluoromethane	98	REC %			10	8260B		9/16/2015	CJR	1
SUR - Toluene-d8	101	REC %			10	8260B		9/16/2015	CJR	1

Project Name WEST ALLIS OHM
Project # 6406.1D

Invoice # E29659

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

<i>Code</i>	<i>Comment</i>
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



A handwritten signature in blue ink, appearing to read 'Michael P. ...', is written over a horizontal line.

CHAIN OF STUDY RECORD

PO # 2015825



Chain # **2747**

WAF

Page 1 of 1

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 #: **6406-1D**
Sampler: (signature)

Project (Name / Location): 6406-1D West Allis ONWA										Analysis Requested										Other Analysis				
Reports To: W. Fassbender / K. VanderHede					Invoice To:					DRG (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	P VOC (EPA 8021)	P VOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 5422)	VOC (EPA 8260) Dry Cleaner List	8-PCRA METALS	PID/ FID
Company: EnviroForensics					Company:																			
Address: 116 W23703 Stone Ridge Dr					Address:																			
City State Zip: Waukesha, WI 53188					City State Zip:																			
Phone: 317-972-7870					Phone:																			
FAX:					FAX:																			
Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation															
S02969A	6406-10710-Sump	9/8	1330		X	N	3	GW	NCL											X	X			
B	6406-2248-Sump	9/8	1530		X	N	3	GW	NCL											X	X			
C	6406-TB-1	9/8			X	N	1	GW	NCL											X				

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

— Please Analyze for Dry Cleaner List only —

Sample Integrity - To be completed by receiving lab. Method of Shipment: Perish Temp. of Temp. Blank _____ °C On Ice: <input checked="" type="checkbox"/> Cooler seal intact upon receipt: <input checked="" type="checkbox"/> Yes _____ No	Relinquished By: (sign)	Time: 13:00	Date: 9/8/15	Received By: (sign)	Time: 12:47	Date: 9-11-15
			13:45	9/11/15		1:48
	Received in Laboratory By:				Time: 10:00	Date: 9/12/15



October 2, 2015

Kevin Leitermann
W336 N5535 Island View Lane
Nashotah, WI 53058

RECEIVED

OCT 5 - 2015

Initial: 

**RE: Environmental Sampling Results Notification
10710 W. Lincoln Avenue, West Allis, Wisconsin
BRRTS# 02-41-246246**

FID 4241287530

Dear Mr. Leitermann:

In accordance with the executed Access Agreement 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 10710 W. Lincoln Avenue in West Allis, Wisconsin. The samples were collected between September 8 and September 10, 2015. The sampling activities are part of an environmental investigation being performed for the One Hour Martinizing facility located at 2262 S 108th Street in West Allis 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:

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

Sampling Results

Two (2) sub-slab vapor samples designated 6406-10710 SS-1 and 6406-10710 SS-2 were collected from the basement of your building. Indoor air samples were collected from the basement (6406-10710-IA-B), first floor (6406-10710-IA-1), and second floor (6406-10710-IA-2) of the building. An outdoor air sample was also collected to determine background conditions. In addition, one (1) water sample was collected from the sump in the basement of the building.



The vapor and air sample results are summarized and compared to WDNR standards in Table 1 (attached). The laboratory analytical reports associated with the samples are also attached. PCE was detected in the sub-slab vapor samples at concentrations of 276 and 63.8 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), respectively. These concentrations are below the vapor risk screening level of $1,400 \mu\text{g}/\text{m}^3$. No other chemicals of concern were detected in the sub-slab vapor samples. The chemicals of concern were not detected in the indoor air samples or the sump water sample.

Thank you for cooperating with our investigation. We may need to sample sub-slab vapor and indoor air one more time in the winter months to rule out a vapor intrusion risk to your building. We will contact you in advance to schedule this work. 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, John Hnat, can be reached at 414-263-8644. We greatly appreciate your help and patience with this matter.

Sincerely,
Environmental Forensic Investigations, Inc.

A handwritten signature in cursive script, appearing to read "Wayne Fassbender".

Wayne Fassbender, PG, PMP
Senior Project Manager

Attachments:

Table 1 – Vapor Intrusion Assessment Results Summary
Laboratory Reports

TABLE 1
VAPOR INTRUSION ASSESSMENT RESULTS SUMMARY - 10710 W, LINCOLN AVE
 One Hour Martinizing
 2262 S. 108th Street, West Allis, Wisconsin

Sample Identification	Sample Location	Sample Date	Tetrachloroethene
Indoor Air Residential Vapor Action Level			42
6406-10710-IA-B	Basement	9/10/2015	<3.19
6406-10710-IA-1	First Floor	9/10/2015	<3.19
6406-10710-IA-2	Second Floor	9/10/2015	<3.19
6406-10710-OA	Outdoor	9/10/2015	<3.19
Sub-Slab Vapor Residential Vapor Risk Screening Level			1,400
6404-10710-SS-1	Basement	9/10/2015	276
6404-10710-SS-2		9/10/2015	63.8

Notes:

Vapor Risk Screening Levels were calculated according to the procedures described in WDNR Publication RR-800

All concentrations reported in units of micrograms per cubic meter ($\mu\text{g}/\text{m}^3$)

Bolded values are above method detection limits



EnvisionAir
1441 Sadlier Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

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

September 28, 2015

ENVision Project Number: 2015-530
Client Project Name: 6406 – OHM Lincoln

Dear Mr. Fassbender,

Please find the attached analytical report for the samples received September 15, 2015. 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".

David Norris

Client Services Manager
EnvisionAir



EnvisionAir
 1441 Sadlier Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS
Project ID: 6406 / OHM LINCOLN
Client Project Manager: W. FASSBENDER
EnvisionAir Project Number: 2015-530

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</u>		<u>END</u>		<u>Canister Pressure / Vacuum</u>		
			<u>Date</u>	<u>Time</u>	<u>Date</u>	<u>Time</u>	<u>Date</u>	<u>Time</u>	<u>Initial Field</u>	<u>Final Field</u>	<u>Lab</u>		
			<u>Collected:</u>	<u>Collected:</u>	<u>Collected:</u>	<u>Collected:</u>	<u>Collected:</u>	<u>Collected:</u>	<u>Collected:</u>	<u>Collected:</u>	<u>(In. Hg)</u>	<u>(In. Hg)</u>	<u>(In. Hg)</u>
15-1949	6406-10710-SS-1	A	9/10/15	11:08	9/10/15	11:12	9/15/15	9:30			-27	-1.5	-1.5
15-1950	6406-10710-SS-2	A	9/10/15	11:27	9/10/15	11:31	9/15/15	9:30			-28.5	-2	-2



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS
Project ID: 6406 / OHM LINCOLN
Client Project Manager: W. FASSBENDER
EnvisionAir Project Number: 2015-530

Analytical Method: TO-15
Analytical Batch: 092415AIR

Client Sample ID: 6406-10710-SS-1
Envision Sample Number: 15-1949
Sample Matrix: AIR

Sample Collection START Date/Time: 09/10/15 11:08
Sample Collection END Date/Time: 09/10/15 11:12
Sample Received Date/Time: 09/15/15 9:30

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	< 49.2	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	< 16.0	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2



EnvisionAir
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 www.envision-air.com

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 8.30	8.30	2
Chloromethane	< 206	206	2
cis-1,2-Dichloroethene	< 198	198	2
cis-1,3-Dichloropropene	< 45.4	45.4	2
Cyclohexane	< 55100	55100	2
Dibromochloromethane	< 8.52	8.52	2
Dichlorodifluoromethane	< 495	495	2
Ethyl Acetate	< 18000	18000	2
Ethylbenzene	< 86.8	86.8	2
Hexachloro-1,3-butadiene	< 10.7	10.7	2
Isooctane	< 4670	4670	2
m,p-Xylene	< 434	434	2
Methylene Chloride	< 417	417	2
Methyl-tert-butyl ether	< 361	361	2
N-Heptane	< 4100	4100	2
N-Hexane	< 1760	1760	2
o-Xylene	< 434	434	2
Propylene	< 1720	1720	2
Styrene	< 4260	4260	2
Tetrachloroethene	276	31.9	2
Tetrahydrofuran	< 2950	2950	2
Toluene	< 37700	37700	2
trans-1,2-Dichloroethene	< 396	396	2
trans-1,3-Dichloropropene	< 45.4	45.4	2
Trichlorethene	< 10.7	10.7	2
Trichlorofluoromethane	< 5620	5620	2
Vinyl Acetate	< 1760	1760	2
Vinyl Bromide	< 4.37	4.37	2
Vinyl Chloride	< 12.8	12.8	2
4-bromofluorobenzene (surrogate)	115%		
Analysis Date/Time:	9-25-15/00:21		
Analyst Initials	tjg		



EnvisionAir
 1441 Sadlier Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS

Project ID: 6406 / OHM LINCOLN

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-530

Analytical Method: TO-15
Analytical Batch: 092415AIR

Client Sample ID: 6406-10710-SS-2 **Sample Collection START Date/Time:** 09/10/15 11:27

Envision Sample Number: 15-1950 **Sample Collection END Date/Time:** 09/10/15 11:31

Sample Matrix: AIR **Sample Received Date/Time:** 09/15/15 9:30

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	< 49.2	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	< 16.0	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2



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<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 8.30	8.30	2
Chloromethane	< 206	206	2
cis-1,2-Dichloroethene	< 198	198	2
cis-1,3-Dichloropropene	< 45.4	45.4	2
Cyclohexane	< 55100	55100	2
Dibromochloromethane	< 8.52	8.52	2
Dichlorodifluoromethane	< 495	495	2
Ethyl Acetate	< 18000	18000	2
Ethylbenzene	< 86.8	86.8	2
Hexachloro-1,3-butadiene	< 10.7	10.7	2
Isooctane	< 4670	4670	2
m,p-Xylene	< 434	434	2
Methylene Chloride	< 417	417	2
Methyl-tert-butyl ether	< 361	361	2
N-Heptane	< 4100	4100	2
N-Hexane	< 1760	1760	2
o-Xylene	< 434	434	2
Propylene	< 1720	1720	2
Styrene	< 4260	4260	2
Tetrachloroethene	63.8	31.9	2
Tetrahydrofuran	< 2950	2950	2
Toluene	< 37700	37700	2
trans-1,2-Dichloroethene	< 396	396	2
trans-1,3-Dichloropropene	< 45.4	45.4	2
Trichlorethene	< 10.7	10.7	2
Trichlorofluoromethane	< 5620	5620	2
Vinyl Acetate	< 1760	1760	2
Vinyl Bromide	< 4.37	4.37	2
Vinyl Chloride	< 12.8	12.8	2
4-bromofluorobenzene (surrogate)	115%		
Analysis Date/Time:	9-25-15/00:57		
Analyst Initials	tjg		

TO-15 Quality Control Data

EnvisionAir Batch Number: 092415AIR

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
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	

Analytical Report

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
Toluene	< 1000	1000	
trans-1,2-Dichloroethene	< 10	10	
trans-1,3-Dichloropropene	< 1	1	
Trichlorethene	< 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)	111%		
Analysis Date/Time:	9-24-15/20:19		
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>
Propylene	9.26	10.8	10	93%	108%	15.4%	
Dichlorodifluoromethane	9.59	11	10	96%	110%	13.7%	
Chloromethane	8.73	10.8	10	87%	108%	21.2%	3
Vinyl Chloride	9.36	9.32	10	94%	93%	0.4%	
1,3-Butadiene	10.8	10.5	10	108%	105%	2.8%	
Bromomethane	10.8	11.6	10	108%	116%	7.1%	
Chloroethane	9.64	11.8	10	96%	118%	20.1%	3
Vinyl Bromide	11.9	10	10	119%	100%	17.4%	
Trichlorofluoromethane	11.8	10.1	10	118%	101%	15.5%	
Acetone	9.9	9.05	10	99%	91%	9.0%	
1,1-Dichloroethene	10.4	9.13	10	104%	91%	13.0%	
Methylene Chloride	9.35	8.48	10	94%	85%	9.8%	
Carbon Disulfide	9	9.01	10	90%	90%	0.1%	
trans-1,2-Dichloroethene	9.35	8.05	10	94%	81%	14.9%	
Methyl-tert-butyl ether	8.59	9.01	10	86%	90%	4.8%	
1,1-Dichloroethane	9.27	8.1	10	93%	81%	13.5%	
Vinyl Acetate	9.88	8.65	10	99%	87%	13.3%	
N-Hexane	8.6	8.35	10	86%	84%	2.9%	
2-Butanone (MEK)	9.32	9.93	10	93%	99%	6.3%	
cis-1,2-Dichloroethene	9.71	8.52	10	97%	85%	13.1%	
Ethyl Acetate	9.7	8.16	10	97%	82%	17.2%	
Chloroform	10.3	9.11	10	103%	91%	12.3%	
Tetrahydrofuran	8.93	9.56	10	89%	96%	6.8%	
1,2-Dichloroethane	11	10.6	10	110%	106%	3.7%	
1,1,1-Trichloroethane	10.2	9.82	10	102%	98%	3.8%	
Carbon Tetrachloride	10.5	10.2	10	105%	102%	2.9%	
Benzene	10.3	8.55	10	103%	86%	18.6%	
Cyclohexane	8.86	10.1	10	89%	101%	13.1%	
1,2-Dichloropropane	8.57	8.28	10	86%	83%	3.4%	
Trichlorethene	8.91	8.85	10	89%	89%	0.7%	
Bromodichloromethane	10.5	10.4	10	105%	104%	1.0%	
1,4-Dioxane	8.3	8.52	10	83%	85%	2.6%	
Isooctane	8.79	8.33	10	88%	83%	5.4%	
N-Heptane	8.44	8.59	10	84%	86%	1.8%	
cis-1,3-Dichloropropene	9.46	8.69	10	95%	87%	8.5%	
4-Methyl-2-pentanone (MIBK)	8.85	8.56	10	89%	86%	3.3%	
trans-1,3-Dichloropropene	10.4	10.1	10	104%	101%	2.9%	
1,1,2-Trichloroethane	9.27	8.88	10	93%	89%	4.3%	
Toluene	8.64	8.19	10	86%	82%	5.3%	
2-Hexanone	8.74	8.59	10	87%	86%	1.7%	
Dibromochloromethane	10.8	10	10	108%	100%	7.7%	
1,2-dibromoethane (EDB)	10.9	10.2	10	109%	102%	6.6%	
Tetrachloroethene	8.91	8.14	10	89%	81%	9.0%	
Chlorobenzene	9.62	8.95	10	96%	90%	7.2%	
Ethylbenzene	10.1	9.58	10	101%	96%	5.3%	
m,p-Xylene	21.3	21	20	107%	105%	1.4%	
Bromoform	11.5	11.4	10	115%	114%	0.9%	



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Analytical Report

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D</u> <u>Conc(ppbv)</u>	<u>LCS</u> <u>Rec.</u>	<u>LCSD</u> <u>Rec.</u>	<u>RPD</u>	<u>Flag</u>
Styrene	10.2	9.73	10	102%	97%	4.7%	
1,1,1,2-Tetrachloroethane	9.85	9.52	10	99%	95%	3.4%	
o-Xylene	9.9	9.36	10	99%	94%	5.6%	
4-Ethyltoluene	10.2	9.63	10	102%	96%	5.7%	
1,3,5-Trimethylbenzene	10.5	10.3	10	105%	103%	1.9%	
1,2,4-Trimethylbenzene	10.4	9.99	10	104%	100%	4.0%	
1,3-Dichlorobenzene	9.36	9.15	10	94%	92%	2.3%	
Benzyl Chloride	11	10.8	10	110%	108%	1.8%	
1,4-Dichlorobenzene	10.8	10.9	10	108%	109%	0.9%	
1,2-Dichlorobenzene	10.4	10.1	10	104%	101%	2.9%	
1,2,4-Trichlorobenzene	10.9	11.4	10	109%	114%	4.5%	
Hexachloro-1,3-butadiene	8.87	9.17	10	89%	92%	3.3%	
4-bromofluorobenzene (surrogate)	116%	109%					
Analysis Date/Time:	9-24-15/19:09	9-24-15/19:45					
Analyst Initials	tjg	tjg					



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<u>Flag Number</u>	<u>Comments</u>
1	Reporting limit is supported by MDL. TJG
2	Reported value is from a 10x dilution. TJG 9-25-15
3	RPD is biased high, but recoveries are within control. TJG 9-25-15

CHAIN OF CUSTODY RECORD

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

Client: Enviro Forensics	P.O. Number: 2015838
Report Address: 216 W 23390 Stone Ridge Drive Suite 6 Waukesha, WI 53188	Project Name or Number: 6406 / OTHM Lincoln
Report To: W. Fassbender	Sampled by: K. VanderHeiden
Phone: 317-972-7870	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address: Same as above	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



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
6406-10710-SS-1	1LC	9/10	1108	9/10	1112		X			83831	NA	-27	-1.5	-1.5	15-1949
6406-10710-SS-2	1LC	9/10	1127	9/10	1131		X			84044	NA	-28.5	-2	-2	15-1950

Comments:

Relinquished by: <i>[Signature]</i>	Date 9/11/15	Time	Received by: <i>[Signature]</i>	Date 9/15/15	Time 09:30
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Mr. Wayne Fassbender
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

September 28, 2015

ENVision Project Number: 2015-529
Client Project Name: 6406 – OHM Lincoln

Dear Mr. Fassbender,

Please find the attached analytical report for the samples received September 15, 2015. 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 fluid and cursive.

David Norris

Client Services Manager
EnvisionAir



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Client Name: ENVIROFORENSICS
Project ID: 6406 / OHM LINCOLN
Client Project Manager: W. FASSBENDER
EnvisionAir Project Number: 2015-529

Sample Summary

Canister Pressure / Vacuum

<u>Laboratory Sample Number:</u>	<u>Sample Description:</u>	<u>Matrix:</u>	<u>START</u>		<u>START</u>				<u>Canister Pressure / Vacuum</u>		<u>Lab</u>
			<u>Date</u>	<u>Time</u>	<u>End Date</u>	<u>End Time</u>	<u>Date</u>	<u>Time</u>	<u>Initial Field</u>	<u>Final Field</u>	<u>Received</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>
15-1945	6406-10710-IA-B	A	9/9/15	10:30	9/10/15	10:30	9/15/15	9:30	-27	-2.5	-2.5
15-1946	6406-10710-IA-1	A	9/9/15	10:25	9/10/15	10:25	9/15/15	9:30	-29	-2.5	-2.5
15-1947	6406-10710-IA-2	A	9/9/15	10:20	9/10/15	10:20	9/15/15	9:30	-27	-3	-3
15-1948	6406-10710-OA	A	9/9/15	10:15	9/10/15	10:15	9/15/15	9:30	-30	-4	-4



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Client Name: ENVIROFORENSICS
Project ID: 6406 / OHM LINCOLN
Client Project Manager: W. FASSBENDER
EnvisionAir Project Number: 2015-529

Analytical Method: TO-15
Analytical Batch: 091515AIR

Client Sample ID: 6406-10710-IA-B
Envision Sample Number: 15-1945
Sample Matrix: AIR

Sample Collection START Date/Time: 09/09/15 10:30
Sample Collection END Date/Time: 09/10/15 10:30
Sample Received Date/Time: 09/15/15 9:30

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
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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<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
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	
Trichlorethene	< 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)	107%		
Analysis Date/Time:	9-17-15/18:29		
Analyst Initials	tjg		



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Client Name: ENVIROFORENSICS

Project ID: 6406 / OHM LINCOLN

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-529

Analytical Method: TO-15
Analytical Batch: 091515AIR

Client Sample ID: 6406-10710-IA-1

Envision Sample Number: 15-1946
Sample Matrix: AIR

Sample Collection START Date/Time: 09/09/15 10:25
Sample Collection END Date/Time: 09/10/15 10:25
Sample Received Date/Time: 09/15/15 9:30

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
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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<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
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	
Trichlorethene	< 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)	107%		
Analysis Date/Time:	9-17-15/19:09		
Analyst Initials	tjg		



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Client Name: ENVIROFORENSICS

Project ID: 6406 / OHM LINCOLN

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-529

Analytical Method: TO-15
Analytical Batch: 091515AIR

Client Sample ID: 6406-10710-IA-2

Envision Sample Number: 15-1947
Sample Matrix: AIR

Sample Collection START Date/Time: 09/09/15 10:20
Sample Collection END Date/Time: 09/10/15 10:20
Sample Received Date/Time: 09/15/15 9:30

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
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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<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
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	
Trichlorethene	< 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:	9-17-15/19:49		
Analyst Initials	tjg		



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Client Name: ENVIROFORENSICS
Project ID: 6406 / OHM LINCOLN
Client Project Manager: W. FASSBENDER
EnvisionAir Project Number: 2015-529

Analytical Method: TO-15
Analytical Batch: 091515AIR

Client Sample ID: 6406-10710-OA
Envision Sample Number: 15-1948
Sample Matrix: AIR

Sample Collection START Date/Time: 09/09/15 10:15
Sample Collection END Date/Time: 09/10/15 10:15
Sample Received Date/Time: 09/15/15 9:30

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
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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<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
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	
Trichlorethene	< 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)	101%		
Analysis Date/Time:	9-17-15/17:13		
Analyst Initials	tjg		



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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 091515VW

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
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	

Analytical Report

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
Toluene	< 1000	1000	
trans-1,2-Dichloroethene	< 10	10	
trans-1,3-Dichloropropene	< 1	1	
Trichlorethene	< 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)	100%		
Analysis Date/Time:	9-17-15/15:59		
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>
Propylene	8.81	9.01	10	88%	90%	2.2%	
Dichlorodifluoromethane	10.9	10.2	10	109%	102%	6.6%	
Chloromethane	9.16	9.93	10	92%	99%	8.1%	
Vinyl Chloride	9.43	10.7	10	94%	107%	12.6%	
1,3-Butadiene	9.14	10.1	10	91%	101%	10.0%	
Bromomethane	10.1	11.2	10	101%	112%	10.3%	
Chloroethane	8.95	10.1	10	90%	101%	12.1%	
Vinyl Bromide	10.3	11.6	10	103%	116%	11.9%	
Trichlorofluoromethane	10.2	11.3	10	102%	113%	10.2%	
Acetone	9.44	10.6	10	94%	106%	11.6%	
1,1-Dichloroethene	10	11	10	100%	110%	9.5%	
Methylene Chloride	9.46	9.37	10	95%	94%	1.0%	
Carbon Disulfide	8.54	9.86	10	85%	99%	14.3%	
trans-1,2-Dichloroethene	9.18	10.3	10	92%	103%	11.5%	
Methyl-tert-butyl ether	9.49	10.7	10	95%	107%	12.0%	
1,1-Dichloroethane	9.03	10.1	10	90%	101%	11.2%	
Vinyl Acetate	11	9.28	10	110%	93%	17.0%	
N-Hexane	8.15	9.36	10	82%	94%	13.8%	
2-Butanone (MEK)	8.59	9.57	10	86%	96%	10.8%	
cis-1,2-Dichloroethene	9.32	10.3	10	93%	103%	10.0%	
Ethyl Acetate	8.12	9.14	10	81%	91%	11.8%	
Chloroform	9.76	10.7	10	98%	107%	9.2%	
Tetrahydrofuran	9.34	9.96	10	93%	100%	6.4%	
1,2-Dichloroethane	11.4	11.3	10	114%	113%	0.9%	
1,1,1-Trichloroethane	11.3	11.5	10	113%	115%	1.8%	
Carbon Tetrachloride	11.5	11.4	10	115%	114%	0.9%	
Benzene	9.69	9.95	10	97%	100%	2.6%	
Cyclohexane	8.07	8.24	10	81%	82%	2.1%	
1,2-Dichloropropane	9.44	9.82	10	94%	98%	3.9%	
Trichlorethene	10.3	10.6	10	103%	106%	2.9%	
Bromodichloromethane	11	11.1	10	110%	111%	0.9%	
1,4-Dioxane	9.33	10.2	10	93%	102%	8.9%	
Isooctane	9.26	9.44	10	93%	94%	1.9%	
N-Heptane	9.45	9.33	10	95%	93%	1.3%	
cis-1,3-Dichloropropene	10.3	10.4	10	103%	104%	1.0%	
4-Methyl-2-pentanone (MIBK)	9.83	10.1	10	98%	101%	2.7%	
trans-1,3-Dichloropropene	10.3	10.6	10	103%	106%	2.9%	
1,1,2-Trichloroethane	9.99	10.5	10	100%	105%	5.0%	
Toluene	9.46	9.87	10	95%	99%	4.2%	
2-Hexanone	9.8	10	10	98%	100%	2.0%	
Dibromochloromethane	10.9	10.7	10	109%	107%	1.9%	
1,2-dibromoethane (EDB)	9.97	10	10	100%	100%	0.3%	
Tetrachloroethene	10.7	10.2	10	107%	102%	4.8%	
Chlorobenzene	9.72	9.67	10	97%	97%	0.5%	
Ethylbenzene	10	9.91	10	100%	99%	0.9%	
m,p-Xylene	19.4	19	20	97%	95%	2.1%	
Bromoform	10.7	10.6	10	107%	106%	0.9%	



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Analytical Report

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D</u> <u>Conc(ppbv)</u>	<u>LCS</u> <u>Rec.</u>	<u>LCSD</u> <u>Rec.</u>	<u>RPD</u>	<u>Flag</u>
Styrene	9.67	9.56	10	97%	96%	1.1%	
1,1,2,2-Tetrachloroethane	9.23	9.18	10	92%	92%	0.5%	
o-Xylene	9.6	9.59	10	96%	96%	0.1%	
4-Ethyltoluene	9.6	9.29	10	96%	93%	3.3%	
1,3,5-Trimethylbenzene	9.18	9.13	10	92%	91%	0.5%	
1,2,4-Trimethylbenzene	9.47	9.24	10	95%	92%	2.5%	
1,3-Dichlorobenzene	9.06	8.78	10	91%	88%	3.1%	
Benzyl Chloride	10.1	9.88	10	101%	99%	2.2%	
1,4-Dichlorobenzene	9.01	8.66	10	90%	87%	4.0%	
1,2-Dichlorobenzene	9.37	9.08	10	94%	91%	3.1%	
1,2,4-Trichlorobenzene	8.8	8.42	10	88%	84%	4.4%	
Hexachloro-1,3-butadiene	9.1	8.52	10	91%	85%	6.6%	
4-bromofluorobenzene (surrogate)	107%	106%					
Analysis Date/Time:	9-17-15/13:23	9-17-15/14:48					
Analyst Initials	tjg	tjg					



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<u>Flag Number</u>	<u>Comments</u>
1	Reporting limit is supported by MDL. TJG

CHAIN OF CUSTODY RECORD

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

Client: <u>EnviroForensics</u>	P.O. Number: <u>2015838</u>
Report Address: <u>N16 W 23390 Stone Ridge Drive, Suite G Waukesha, WI 53188</u>	Project Name or Number: <u>6406 / OHM Lincoln</u>
Report To: <u>W. Fassbender</u>	Sampled by: <u>K. VanderHeide</u>
Phone: <u>317-972-7870</u>	QA/QC Required: (circle if applicable) Level III. <u>Level IV</u>
Invoice Address: <u>Same as above</u>	Reporting Units needed: (circle) <u>ug/m³</u> mg/m ³ PPBV PPMV
Desired TAT: (Please Circle One) <u>1 day</u> 2 days 3 days <u>Std (5 bus. days)</u>	Media type: LLC = 1 Liter Canister 6LC = 6 Liter Canister TB = Tedlar Bag TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List

TO-15 Short List



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)					Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6406-10710-IA-B	6LC	9/9	1030	9/10	1030					11089	07436	-27	-2.5	-2.5	15-1945
6406-10710-IA-1	6LC	9/9	1025	9/10	1025					91579	07301	-29	-2.5	-2.5	15-1946
6406-10710-IA-2	6LC	9/9	1020	9/10	1020					10625 10625	07622	-27	-3	-3	15-1947
6406-10710-OA	6LC	9/9	1015	9/10	1015					91535	07256	-30	-4	-4	15-1948

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
<u>[Signature]</u>	9/11/15	1600	<u>Frankie A. Hunsicker</u>	9/15/15	09:30

Synergy Environmental Lab, INC.

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

WAYNE FASSBENDER
ENVIROFORENSICS
N16 W23390 STONE RIDGE DRIVE
WAUKESHA, WI 53188

Report Date 18-Sep-15

Project Name WEST ALLIS OHM
Project # 6406.1D
Lab Code 5029659A
Sample ID 6406-10710-SUMP
Sample Matrix Water
Sample Date 9/8/2015

Invoice # E29659

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		9/16/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		9/16/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		9/16/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		9/16/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		9/16/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		9/16/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		9/16/2015	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		9/16/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		9/16/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		9/16/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		9/16/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		9/16/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		9/16/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		9/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		9/16/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		9/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		9/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		9/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		9/16/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		9/16/2015	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		9/16/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		9/16/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		9/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		9/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		9/16/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		9/16/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		9/16/2015	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		9/16/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		9/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		9/16/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		9/16/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		9/16/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		9/16/2015	CJR	1

Project Name WEST ALLIS OHM
Project # 6406.1D

Invoice # E29659

Lab Code 5029659A
Sample ID 6406-10710-SUMP
Sample Matrix Water
Sample Date 9/8/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		9/16/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		9/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		9/16/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		9/16/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		9/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		9/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		9/16/2015	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		9/16/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		9/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		9/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		9/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		9/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		9/16/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		9/16/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		9/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		9/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		9/16/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		9/16/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		9/16/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		9/16/2015	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260B		9/16/2015	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		9/16/2015	CJR	1
SUR - Toluene-d8	103	REC %			1	8260B		9/16/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	104	REC %			1	8260B		9/16/2015	CJR	1

Project Name WEST ALLIS OHM
Project # 6406.1D

Invoice # E29659

"J" Flag: Analyte detected between LOD and LOQ

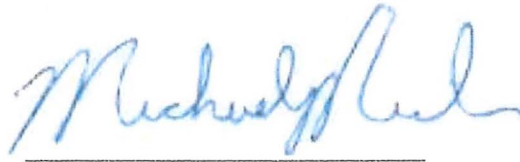
LOD Limit of Detection

LOQ Limit of Quantitation

<i>Code</i>	<i>Comment</i>
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



A handwritten signature in blue ink, appearing to read 'Michael J. ...', is written over a horizontal line.

CHAIN OF CUSTODY RECORD

PO # 2015825



Chain # **N2 2747**

WDPF

Page 1 of 1

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 #: **6406-1D**
Sampler: (signature) *[Signature]*

Project (Name / Location): **6406-1D West Allis ONM**

Reports To: **W. Fassbender / K. VanderHeide** Invoice To: _____
Company: **EnviroForensics** Company: _____
Address: **116 W 23308 Stone Ridge Dr** Address: _____
City State Zip: **Waukegan, WI 53188** City State Zip: _____
Phone: **317-972-7870** Phone: _____
FAX: _____ FAX: _____

Analysis Requested										Other Analysis					
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 6270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260) Dry Cleaner List	8-PCRA METALS	PID:	FID
												X			
											X	X			
											X	X			

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
<i>S029651A</i>	6406-10710-SUMP	9/8	1330		X	N	3	GW	HCL
	B 6406-2248-SUMP	9/8	1530		X	N	3	GW	HCL
	C 6406-TB-1	9/8			X	N	1	GW	HCL

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

- Please Analyze for Dry Cleaner List only -

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

Relinquished By: (sign) *[Signature]* Time 1800 Date 9/8/15
Received By: (sign) *[Signature]* Time 1247 Date 9-11-15

Received in Laboratory By: *[Signature]* Time: 10:00 Date: 9/12/15