



RECEIVED

MAR 18 2014

BY: JB

March 12, 2014

Ms. Natalya Berdnikova
Dry Cleaning Business Owner
7215 W. Center Street
Wauwatosa, Wisconsin 53210

**Subject: Environmental sampling results
Former Hoffman Valet Cleaners
FID # 241083150
BRRTs # 02-41-307576**

Dear Ms. Berdnikova:

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 7215 W. Center Street, Wauwatosa, Wisconsin on February 20, 2014. The sampling activities are part of an environmental investigation being performed for Mr. Ralph Hoffman under 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 tetrachloroethylene (PCE) and its associated breakdown products.

The Responsible Party is:

Mr. Ralph Hoffman
(Summer Address)
2010 W. Woodbury Lane
Glendale, WI 53209
Telephone: (414) 581-2777

(Winter Address)
14000 N. 94th Street, Unit 3092
Scottsdale, AZ 85260

Sampling Type, Locations, and Results

Two (2) sub-slab vapor samples were collected from within the basement of your property at the locations depicted on the enclosed hand sketch. The sample results are summarized and compared to Vapor Risk Screening Levels (VRSLs) on **Table 1**. The laboratory report sheets that relate to the vapor samples are also attached. PCE was

Document: 6200-0204

Environmental Forensic Investigations, Inc.
N16 W23390 Stone Ridge Drive, Suite G, Waukesha, WI 53188
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detected at concentrations exceeding the VRSL for a non-residential setting at one sample location, SSV-2.

We will contact you to discuss additional investigation or remediation work as may be required.

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 blue ink that reads "Wayne P. Fassbender".

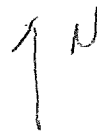
Wayne Fassbender, PG, PMP
Senior Project Manager

Attachments: Sub-Slab Vapor Sampling Location Hand Sketch
Analytical Results Summary Table
Analytical Report for Sub-Slab Samples

Copy:

Ralph Hoffman
John Hnat, Wisconsin Department of Natural Resources

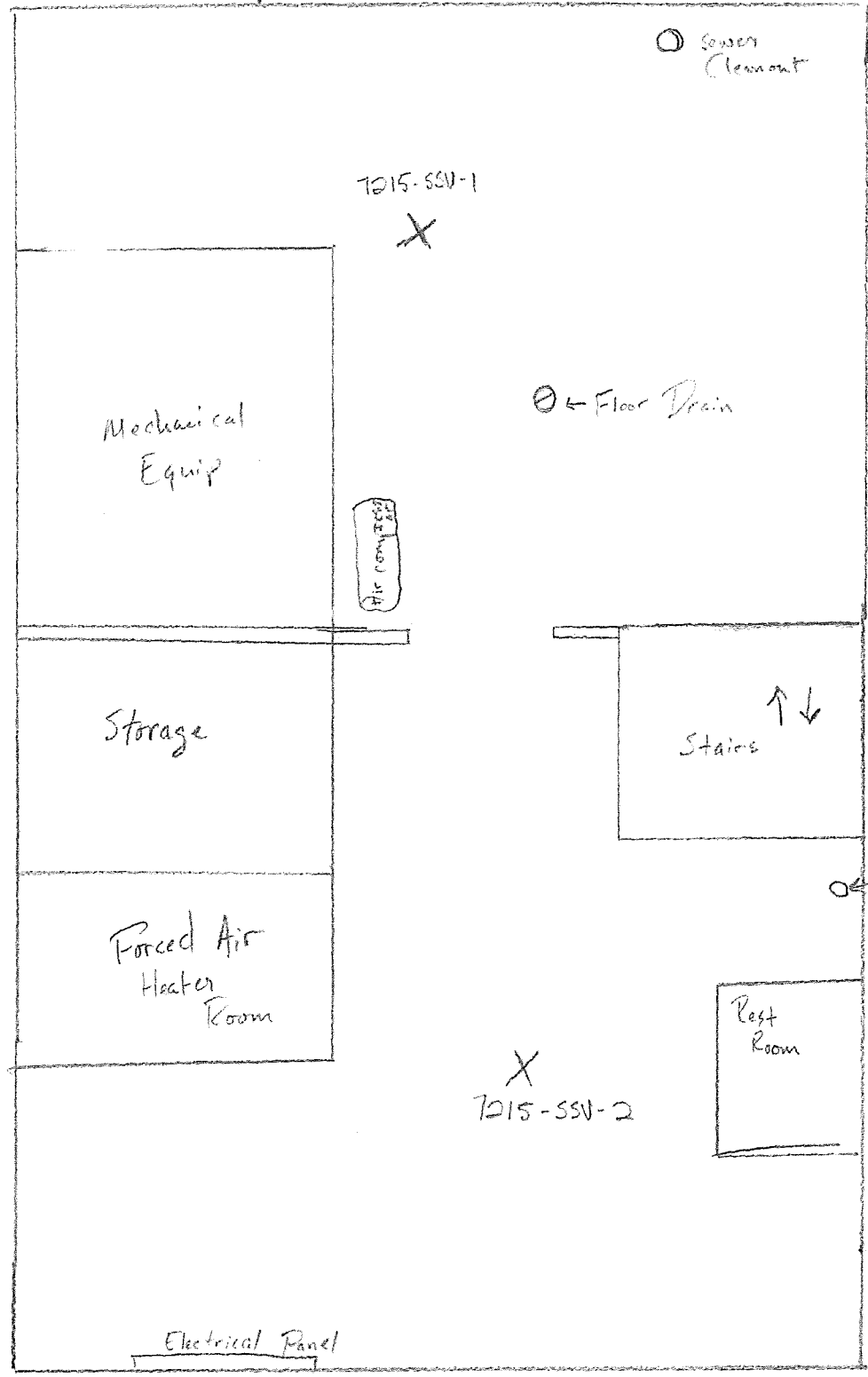
7215 West Center St
Wauwatosa WI



Hoffmans Cleaners - Basement View

Sub-slab Sampling Locations

- ⊖ = Floor Drain
- = Sewer Cleanout
- X = sampling location



4/5'

TABLE 1
SUMMARY OF CURRENT SUB-SLAB VAPOR SAMPLE
ANALYTICAL RESULTS
 7215 West Center Street
 Former Hoffman's Valet Cleaners
 Wauwatosa, Wisconsin

Sample Identification	Sample Date	Property Address (W. Center St)	Tetrachloroethene	Trichloroethene	cis-1-2-Dichloroethene
7215-SSV-1	2/20/2014	7215	1,440	48.9	<7.90
7215-SSV-2	2/20/2014	7215	3,600	12.4	<7.90
Vapor Risk Screening Level¹			1,800	88	NE

Notes:

¹ The Vapor Risk Screening Levels are based on U.S. EPA Regional Screening Levels for non-residential indoor air with an attenuation factor of 0.1 and a 0.1 adjustment for 1 x 10⁻⁵ excess cancer risk for carcinogens.

2006 and 2009 data collected by ARCADIS

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

Bolded and orange shaded values exceed the Vapor Risk Screening Level

Bolded values are above detection limits

NA = Not Analyzed



EnvisionAir
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Client Name: ENVIROFORENSICS
Project ID: 6200 - HOFFMANS
Client Project Manager: JONATHON JORDAN
EnvisionAir Project Number: 2014-68

Analytical Method: TO-15
Analytical Batch: 022714AIR

Client Sample ID: 6200-7215-SSV-1
Envision Sample Number: 14-349
Sample Matrix: AIR

Sample Collection START Date/Time: 2/20/14 13:22
Sample Collection END Date/Time: 2/20/14 13:27
Sample Received Date/Time: 2/25/14 12:00

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
cis-1,2-Dichloroethene	< 7.90	7.90	1
Tetrachloroethene	1,440	28.0	2
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	48.9	10.7	1
Vinyl Chloride	< 5.10	5.10	1
4-bromofluorobenzene (surrogate)	104%		
Analysis Date/Time:	2-28-14/08:22		
Analyst Initials	tjg		



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Project ID: 6200 - HOFFMANS
Client Project Manager: JONATHON JORDAN
EnvisionAir Project Number: 2014-68

Analytical Method: TO-15
Analytical Batch: 022714AIR

Client Sample ID: 6200-7215-SSV-2
Envision Sample Number: 14-350
Sample Matrix: AIR

Sample Collection START Date/Time: 2/20/14 13:55
Sample Collection END Date/Time: 2/20/14 14:00
Sample Received Date/Time: 2/25/14 12:00

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
cis-1,2-Dichloroethene	< 7.90	7.90	1
Tetrachloroethene	3,600	56.0	3
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	12.4	10.7	1
Vinyl Chloride	< 5.10	5.10	1
4-bromofluorobenzene (surrogate)	102%		
Analysis Date/Time:	2-28-14/08:54		
Analyst Initials	tjg		



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<u>Flag Number</u>	<u>Comments</u>
1	Reported value is from a 10x dilution. TJK 3-6-14
2	Reported value is from a 20x dilution. TJK 3-6-14
3	Reported value is from a 40x dilution. TJK 3-6-14