February 14, 2017

Mr. John Hnat
Wisconsin Department of Natural Resources
2300 N. Dr. Martin Luther King Jr. Drive
Milwaukee, WI 53212

Re: Supplemental Site Investigation Report
Former Hoffman's Valet Cleaners
7215 W. Center Street
Wauwatosa, Wisconsin 53210
BRRTS# 02-41-307576

Dear Mr. Hnat:

Environmental Forensic Investigations, Inc. (EnviroForensics) is pleased to submit this Supplemental Site Investigation Report (Report) for the former Hoffman's Valet Cleaners site located at 7215 W. Center Street in Wauwatosa, Wisconsin. One hardcopy and one electronic copy of the Report are enclosed. The Report has been prepared in accordance with the requirements of Wisconsin Administrative Code (WAC) Chapter NR 716. On behalf of Hoffman's Valet Cleaners, EnviroForensics is requesting a Technical Assistance review of the Report and written response to the recommendations contained in the Report. EnviroForensics understands that the Technical Assistance review fee is waived under WAC Chapter NR 169.11(1)(c)(7).

Sincerely,
Environmental Forensic Investigations, Inc.

Wayne Fassbender, PG, PMP
Senior Project Manager

Brian Kappen, PG
Project Manager

cc: Ralph Hoffman

enclosures

Environmental Forensic Investigations, Inc.
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SUPPLEMENTAL SITE INVESTIGATION REPORT

FORMER HOFFMAN'S VALET CLEANERS
7215 W. CENTER STREET
WAUWATOSA, WISCONSIN 53210
WDNR BRRTS# 02-41-307576
FID# 241083150

February 14, 2017

Prepared For:

Mr. Ralph Hoffman
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Scottsdale, AZ 85260

Prepared By:

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Project Manager

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Document: 6200-0396

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The purpose of a Site Investigation is to reasonably characterize the extents and magnitude of contaminants of concern based on the geology/hydrogeology of the area. In performing such a study, a balance must be struck between a reasonable investigation into the site conditions and an exhaustive analysis of each conceivable condition. The following paragraphs discuss the assumptions and parameters under which such a study is conducted.

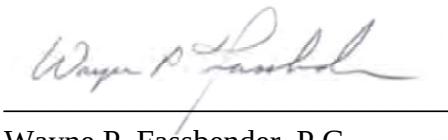
No investigation is thorough enough to detect every geologic/hydrogeologic condition of interest at a given site. If conditions have not been identified during the study, such a finding should not therefore be construed as a guarantee of the absence of such conditions at the site, but rather as the result of the services performed within the scope, limitations, and cost of the work performed.

We are unable to report on or accurately predict events that may change the site conditions after the described services are performed, whether occurring naturally or caused by external forces. We cannot assume responsibility for conditions we were not authorized to evaluate, or conditions not generally recognized as predictable when services were performed.

Geologic/hydrogeologic conditions may exist at the site that cannot be identified solely by visual observation. Where subsurface exploratory work was performed, our professional opinions are based in part on interpretation of data from discrete sampling locations that may not represent actual conditions at unsampled locations.

HYDROGEOLOGIST CERTIFICATION

"I, Wayne P. Fassbender, certify I am a hydrogeologist as that term is defined in s NR 712.03 (1) Wisconsin Administrative Code, am registered in accordance with the requirements of ch. GHSS 2, Wisconsin Administrative Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements of chs. NR 700 to 726, Wisconsin Administrative Code."



Wayne P. Fassbender, P.G.

2/14/2017
Date

Document Reference: Supplemental Site Investigation Report
Former Hoffman's Valet Cleaners
7215 W. Center Street
Wauwatosa, Wisconsin 53210
WDNR BRRTS# 02-41-307576
February 14, 2017

EXECUTIVE SUMMARY

Environmental Forensic Investigations, Inc. (EnviroForensics) has prepared this Site Investigation Report for the former Hoffman's Valet Cleaners (Hoffman's) facility located at 7215 W. Center Street in Wauwatosa, Wisconsin (Site). The Site is improved with a single two-story building with a partial basement, and paved driveway and parking areas. The Site is currently an active dry cleaning business operated as Best Cleaners by another proprietor. Hoffman's and Best Cleaners have used tetrachloroethene (PCE) as the dry cleaning solvent. Historically, the dry cleaning machine was located in the basement of the Site building.

Site investigation activities, including the collection of soil, groundwater, soil gas, sub-slab vapor, and indoor/outdoor air samples, were conducted by EnviroForensics and others between 2002 and 2016. The primary contaminants of concern (COCs) are PCE and its degradation products. The amount, duration, and circumstances of PCE released to the subsurface are unknown. However, the PCE source area is present beneath the area of former dry cleaning machine operations in the basement. Undocumented and likely incidental releases to the floor and /or sanitary sewer are likely causes of the identified impacts.

Site soil consists of clay with a laterally continuous 4 to 6-foot thick sand layer encountered at approximately 7 feet below ground surface (bgs). A second clay layer is encountered beneath the sand layer and extends to a depth of at least 20 feet bgs. Discontinuous seams of sand and silty sand are encountered within both clay units. The water table is encountered at a depth of 14 to 16 feet bgs, and resides below the sand layer. The apparent direction of groundwater flow is toward the southeast.

The greatest impacts of COCs in soil and soil gas occur beneath the basement and in the northern part of the Site, including along the sanitary sewer lateral. Soil and soil gas samples collected from this area contained the highest concentrations of COCs detected at the Site. Samples collected from all other areas of the Site contained concentrations of COCs below the applicable direct-contact standards and screening levels.

PCE impact to groundwater is relatively limited. Samples collected from two (2) of the three (3) groundwater monitoring wells contained PCE concentrations consistently below the ES. The PCE concentration in the third well was just above the enforcement standard (ES). Because the groundwater concentrations did not increase during the Site investigation, it appears that PCE impacts are stable.

Vapor intrusion assessments were conducted at the Site and adjacent buildings to evaluate the potential for human exposure. The results of the off-site assessments indicated that the occupants are not at risk of exposure. The results of the vapor intrusion assessment conducted at the Site building did indicate the potential for exposure. Based on this result, a sub-slab depressurization system (SSDS) was installed and a pressure field extension test was performed to verify performance. The SSDS has been shut down during the heating and cooling months for repeat sub-slab sampling and the concentrations of COCs in recent sub-slab vapor samples do not exceed the current screening levels.

Potential exposure pathways consist of direct contact with soil and groundwater, and inhalation of vapors. Because the Site is entirely covered by the building and paved surfaces, direct contact with soil or groundwater could only occur during excavation activities. The GIS Registry listing at closure will provide notification to potential developers and excavation workers of the residual contamination and exposure risk. The results of recent sub-slab vapor samples indicate that subsurface vapor concentrations are not above risk screening levels.

The extent of impacts to all contaminated media above the applicable standards has been defined. EnviroForensics considers the Site investigation to be complete and recommends that no further investigation activities be conducted. EnviroForensics also recommends that a case closure request be prepared and submitted. Due to the presence of PCE in soil, the Site will be placed on the WDNR GIS Registry per their requirement, and the closure request will need to include a cap maintenance plan that details how the integrity of the impervious surfaces at the Site will be kept in good condition. The SSDS is no longer needed and should be decommissioned.

1.0 GENERAL INFORMATION

Environmental Forensic Investigations, Inc. (EnviroForensics) has prepared this Supplemental Site Investigation Report (Report) on behalf of Mr. Ralph Hoffman for the former Hoffman's Valet Cleaners facility located at 7215 W. Center Street in the city of Wauwatosa, Wisconsin (Site). The location of the Site is depicted on **Figure 1**. This report follows guidelines for investigations and reporting set forth in the Wisconsin Department of Natural Resources (WDNR) Chapter NR 716 rule and other associated State of Wisconsin Chapter NR 700 series rules.

Property Information:

County:	Milwaukee
PLSS Location:	NE 1/4 of the SW 1/4 of Section 15, Township 07N, Range 21E
WTM Coords:	X = 682648, Y = 290286
Parcel ID#:	3310695000

Property Owner Information:

Owner Name:	Natalya Berdnikova
Address:	7600 Range Line Road, Glendale, WI 53209
Telephone:	414-659-6600

Consultant Information:

Company Name:	Environmental Forensic Investigations, Inc.
Address:	N16W23390 Stone Ridge Drive, Suite G, Waukesha, WI 53188
Contact:	Wayne Fassbender/ Project Manager
Telephone:	262-290-4001
E-mail Address:	wfassbender@enviroforensics.com

Copies of the most recent property deed and plat map are provided in **Appendix A**. The general Site location is shown on **Figure 1**. The layout of the Site, including Site features, and the surrounding area, is depicted on **Figure 2**. The Site consists of a two-story mixed use building with a partial basement, and paved driveway and parking areas. The Site is situated in an area of mixed commercial and residential land use. The Site is bordered by West Center Street to the north, an alley to the south, and commercial buildings to the east and west. The nearest surface water body is the Menomonee River, located approximately 1.3 miles south of the Site.

2.0 BACKGROUND

2.1 Case History

The Site investigation has been ongoing since 2002. The Site has continuously been occupied by an operating dry cleaning facility that uses tetrachloroethene (PCE) in the cleaning process. The contaminants of concern (COCs) at the Site are the dry cleaning solvent tetrachloroethene (PCE) and its degradation products. The amount of chemical released, the duration of the release, and the specific release areas or locations are unknown.

2.2 Summary of Response Action Activities

Site investigation activities were conducted by ARCADIS between 2002 and 2009, including the collection of soil, groundwater, soil gas, sub-slab soil vapor, and indoor air samples. EnviroForensics began further investigation activities in 2013. The following is a chronological sequence of site investigation activities:

February 2002	Soil samples were collected from two (2) interior soil borings (GP-1 and GP-2).
September 2002	Soil samples were collected from one (1) additional interior boring (GP-104) and four (4) exterior borings (GP-101, GP-102, GP-103, and GP-105). Grab groundwater samples were collected from three (3) of the borings.
January 2005	Monitoring wells MW-1 through MW-3 were installed, developed, and sampled. One (1) soil sample was also collected from each well location prior to installation.
July 2006	Soil gas sample SG-1 was collected. A sample of water was collected from the basement sump.
January – July 2007	Three (3) groundwater monitoring events were conducted on a quarterly basis. Soil samples were collected from one (1) additional boring (GP-3) in the basement of the Site building.

May - November 2009	Soil samples were collected from seven (7) off-site borings (GP-106 through GP-112). Sub-slab vapor samples SS-1 and SS-2 were collected from the adjacent structures to the east and west, respectively.
September 2013	A vapor intrusion assessment was conducted at the adjacent structure to the west, including two (2) sub-slab vapor samples (7219-SSV-1 and 7219-SSV-2) and one (1) indoor air sample (7219-IA-1). Groundwater monitoring activities were conducted on the three (3) existing monitoring wells.
February 2014	Two (2) sub-slab vapor samples (7215-SSV-1 and 7215-SSV-2) were collected from the basement of the Site building. Vapor intrusion assessment activities were repeated at the adjacent structure to the west.
February 2015	A sub-slab depressurization system was installed in the Site building.
September - November 2016	Soil and soil gas samples were collected from three (3) off-Site borings (6200-SB-1 through 6200-SB-3) to evaluate whether utilities had acted as conduits for preferential migration of contaminants. Groundwater monitoring activities were conducted on the three (3) existing monitoring wells. Sub-slab vapor sampling was repeated at the Site building.
January 2017	Sub-slab vapor sampling was repeated at the Site building.

The following is a chronological list of select reports and correspondence pertaining to the response action:

- Notification of Release, May 30, 2002;
- Responsible Party Letter, June 13, 2002;
- *Site Investigation and Closure Report*, ARCADIS, May 2, 2005;
- *Closure Denial Letter*, WDNR, July 28, 2005;
- *Summary of Supplemental Investigation Activities and Revised Case summary and Close Out Request*, ARCADIS, August 2, 2007;

- *Closure Denial Letter*, WDNR, September 19, 2007;
- *Supplemental Investigation Results*, ARCADIS, August 17, 2009;
- *Scope of Work and Cost Estimate for Closure Activities*, ARCADIS, February 10, 2010 (this document presents November 2009 investigation results); and
- *Further Site Investigation 1 Report*, EnviroForensics, October 29, 2013.

The data collected and reported by the previous consultant between 2002 and 2009 is incorporated throughout this Report. However, the Report focuses on EnviroForensics' investigation methods and recent results.

3.0 ENVIROFORENSICS SITE INVESTIGATION METHODS

EnviroForensics conducted Site investigation activities between September 2013 and November 2016, including the collection of soil, groundwater, soil gas, sub-slab vapor, and indoor air samples. Investigative methods are described in the following sections.

3.1 Soil Boring and Sampling

Soil borings SB-1 through SB-3 were advanced using direct-push methods to facilitate the collection of soil samples adjacent to the sanitary sewer extending east and west along Center Street. The soil boring locations are depicted on **Figure 2**. The borings were advanced to a depth of 10 feet bgs. Soil samples were continuously collected from each boring, screened with a photo-ionization detector (PID), and logged in accordance with the Unified Soil Classification System (USCS). Two (2) soil samples were collected from each boring for laboratory analysis. Soil samples were placed in a cooler on ice and submitted to Synergy Environmental Lab under chain-of-custody for analysis of VOCs according to SW-846 Test Method 8260. Soil boring logs are presented in **Appendix B**.

Decontamination of the direct-push tooling occurred between each boring. Soil cuttings were containerized in a 55-gallon drum and profiled for disposal. The drum will be transported to a disposal facility by a licensed contractor.

3.2 Groundwater Monitoring

Groundwater monitoring events were conducted by EnviroForensics during September 2013 and September 2016. During each sampling event, water level measurements and groundwater samples were collected from the entire existing monitoring well network.

Prior to sampling, the depth to water in each well was measured to the nearest 0.01 of a foot using an electronic water level indicator. The water level was allowed to equilibrate for at least 15 minutes after uncapping each well.

Groundwater recharge to the monitoring wells was not sufficient for low-flow sampling. Therefore, groundwater purging and sample collection was conducted using standard bailer methods. Field parameters including pH, specific conductivity, and turbidity were collected during purging. Samples were collected after three (3) well volumes of water had been removed

from each well. Groundwater purging and sampling information was recorded on groundwater field sampling data forms, included in **Appendix C**.

During each monitoring event, one (1) duplicate sample, one (1) equipment blank sample, and one (1) trip blank sample were collected and analyzed for quality assurance/quality control (QA/QC) purposes. Three (3) groundwater samples and the QA/QC samples were submitted to Synergy Environmental Lab and analyzed for volatile organic compounds (VOCs) according to US Environmental Protection Agency (EPA) SW-846 Method 8260.

Purge water generated during groundwater monitoring activities was containerized in a 55-gallon drum for profiling and disposal. The waste manifest is provided in **Appendix D**.

3.3 Soil Gas Sampling

Temporary soil gas sampling points were installed in borings SB-1 through SB-3 described in Section 3.1 after soil sampling was completed. Each sampling point was constructed of a 6-inch long stainless steel mesh screen set at the bottom of the boring, with 1/4-inch Teflon-lined polyethylene tubing attached to the screen and extending to the surface. A sand pack was placed around the screen in the open borehole approximately 6-inches above the screened interval. The remaining annular space interval was filled with hydrated bentonite chips to the surface.

The potential for ambient air to enter the sample through leaks in the sampling train or the sampling point annular seal can dilute the sample and lead to underestimation of concentration in the sample. To ensure that soil gas samples were representative of subsurface vapor conditions, leak testing and negative pressure testing were performed prior to sample collection. Testing was successful at all locations.

One (1) soil gas sample was collected from each of the three (3) temporary soil gas sampling points in a batch-certified clean 1-liter vacuum canister, regulated to withdraw a sample at no more than 200 milliliters per minute (mL/min). The soil gas samples, designated SG-2 through SG-4, were submitted to EnvisionAir laboratory under chain-of-custody for analysis of CVOCs according to EPA Test Method TO-15. The borings were abandoned after collection of the soil gas samples. Borehole filling and sealing forms are provided in **Appendix B**.

3.4 Vapor Intrusion Assessments

Vapor intrusion assessments were conducted at the Site building and adjacent commercial building to the west (7219 W Center Street). The assessment methods described in this section apply to both structures. In addition, the previous consultant collected one (1) sub-slab vapor sample from a house immediately east of the Site (7209 W. Center Street). The house was demolished in 2016 and a new commercial building was being constructed on that property.

EnviroForensics also requested access to the 7229 W. Center Street commercial property for the purpose of conducting a vapor intrusion assessment. The owner, Mr. Olm, denied access to the property.

EnviroForensics assessed the vapor intrusion exposure pathway by collecting sub-slab vapor samples and indoor/outdoor air samples at the locations depicted on **Figure 2**. Three (3) sampling events were performed at the Site building, and two (2) sampling events were performed at 7219 W. Center Street. The following samples were collected:

- Site Building
    - Two (2) sub-slab vapor samples designated 7215-SSV-1 and 7215-SSV-2 from the basement.

- 7219 W. Center Street
    - Two (2) sub-slab vapor samples (7219-SSV-1 and 7219-SSV-2) from the basement and one (1) indoor air sample (7219-IA) from the first floor of the building; and
    - One (1) outdoor background air sample (7219-OA) to evaluate background conditions.

Sampling activities were performed in consideration of the applicable methods in WDNR Publication RR-800: *Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin;* December 2010.

3.4.1 Background Conditions Screening

A visual inspection was conducted for cracks or other penetrations in the concrete basement floor (i.e. floor drains, sumps, etc.) that could act as direct conduits for impacted vapors to migrate

into the occupied space, or conversely, could act as "short circuits" allowing indoor air to enter canisters during sub-slab sampling. Basement walls were also visually inspected for cracks and penetrations of subsurface utilities that may be conduits for vapors to migrate into the buildings. This information was incorporated into the sample port placement strategy to avoid damage to sub-slab utilities and reduce the possibility of "short circuiting", which could have biased sample results.

3.4.2 Vapor Sample Port Installation

Temporary stainless steel Vapor Pin™ sub-slab vapor sampling ports were installed to facilitate vapor sample collection. The sub-slab sampling points were installed by drilling a counter-sunk hole through the concrete slab using an electric hammer drill. The ports were capped during installation until sampling was initiated.

3.4.3 Sub-Slab Vapor Sampling

Testing the integrity of the sample ports and sampling train was conducted prior to sample collection by vacuum testing and leak testing. All tests passed successfully.

The sub-slab vapor samples were collected in batch-certified 1-Liter vacuum canisters fitted with a regulator to restrict the flow rate to less than 200 ml/minute. The vacuum canisters were connected to each vapor point using compression fittings and Teflon®-lined polyethylene tubing. The tubing was purged of all ambient air using a hand pump prior to initiating sub-slab sampling. The sub-slab vapor samples were submitted to an environmental laboratory for analysis of select CVOCs according to US EPA Method TO-15. All samples were transmitted under appropriate chain-of-custody protocol.

After sampling was completed, the ports were removed and the floors repaired immediately with an appropriate concrete material.

3.4.4 Indoor/Outdoor Air Sampling

The indoor air samples were collected prior to sub-slab vapor sampling to eliminate the possibility of sub-slab vapors from entering the building and influencing the indoor air sample results. The indoor air samples were collected from the breathable space (3-5 feet above the floor) using a 6-Liter vacuum canister, regulated to withdraw a time-integrated sample. The

outdoor air sample was collected from an upwind and secure location. All air samples were collected over an 8-hour time period. The vacuum canisters were individually-certified clean by the analytical laboratory for QA/QC purposes.

Following the completion of the indoor/outdoor air sampling activities, vacuum canisters were submitted to a laboratory under appropriate chain-of-custody procedures, for analysis of select CVOCs according US EPA Method TO-15.

Weather data, including temperature, wind speed, wind direction, humidity, barometric pressure, and rainfall was acquired from the nearest fixed weather station throughout the 8-hour sampling period to evaluate potential effects on the samples.

3.5 Sub-Slab Depressurization System Installation

A sub-slab depressurization system (SSDS) was installed at the Site building by Vapor Protection Services of Indianapolis, Indiana during February 3-5, 2016. The SSDS consists of two (2) extraction points routed to common piping that connects to a single fan mounted on an exterior wall of the Site building. Sub-slab pressure testing demonstrated that the SSDS induced a negative pressure across the entire basement floor slab. The SSDS installation report is provided as **Appendix E**.

4.0 INVESTIGATION RESULTS

4.1 Hydrogeology

Site sediment consists of clay to a depth of 7 feet below ground surface (bgs), followed by a 4 to 6-foot thick sand layer. The sand layer was not encountered to a depth of 10 feet in SB-1 and SB-2 which are located in the Center Street right-of-way. A second clay layer is encountered beneath the sand layer and extends to a depth of at least 20 feet bgs. Discontinuous seams of sand and silty sand are encountered within the clay units. Geologic cross-sections are presented in **Appendix F**.

The water table is encountered at a depth of 14 to 16 feet bgs, within the lower clay unit. The apparent direction of groundwater flow is toward the southeast. Groundwater elevation data are summarized on **Table 1**, and water table contour maps are presented in **Figures 3 and 4**.

4.2 Soil Analytical Results

Soil analytical results are summarized in **Table 2** and depicted graphically on **Figure 5**. The complete laboratory reports are presented in **Appendix G**. Soil contaminant concentrations are compared to industrial, non-industrial, and soil-to-groundwater Residual Contaminant Levels (RCLs). RCLs were calculated according to the procedures described in WDNR Publication RR-890.

PCE, trichloroethene (TCE), cis-1,2-dichloroethene, and methylene chloride were detected in one or more samples at concentrations above soil-to-groundwater RCLs. Other compounds were detected in a few samples at concentrations below RCLs. The PCE non-industrial direct contact RCL was exceeded in only one (1) sample: SB-3 (9-10 feet bgs) which contained 48 mg/kg PCE. Boring SB-3 is located just north of the Site building near the sanitary sewer lateral. The concentrations in borings SB-1 and SB-2, located east and west along the sanitary sewer, did not contain appreciable COC's indicating that the utilities had not acted as conduits for the preferential migration of contaminants.

The magnitude and extent of PCE impacts to soil is depicted on **Figure 5**. The impacts are greatest beneath the basement and in the northeast part of the Site, corresponding to the location of dry cleaning operations in the basement of the building. Several non-detect results in the southern part of the Site, and on adjacent properties to the east and west, define the horizontal

extent of impacts. Relatively minor concentrations of PCE may be present in soil near Site boundaries at the adjoining properties. Direct-contact RCL exceedances were identified only in the northern part of the Site.

4.3 Groundwater Analytical Results

Groundwater monitoring analytical results are summarized in **Table 3** and illustrated on **Figure 6**. The complete laboratory analytical report is included in **Appendix G**. The results are compared to public health standards listed in WAC Chapter NR 140.

Compounds detected during the monitoring events were PCE, TCE, cis-1,2-dichloroethene, methylene chloride, and chloroform. PCE was detected in monitoring well MW-1 (located near the northeast corner of the Site building) at concentrations just above the enforcement standard (ES) of 5 micrograms per liter (µg/L). During the entire duration of the site investigation, the PCE concentration at MW-1 ranged from non-detect to 7.4 µg/L. PCE was also detected in MW-2 (located near the southeast corner of the Site building) at concentrations below the ES but above the preventive action limit (PAL) of 0.5 µg/L. VOCs were not detected in samples collected from MW-3, which is located south of the site building.

Overall, VOC impacts to groundwater are low, with concentrations below enforcement standards with the exception of one location (MW-1). This monitoring well is positioned very near the highest soil and soil gas contamination detected at the Site. VOC concentrations in the downgradient wells are lower, indicating a very small, stable plume that is limited in extent to the northern half of the Site.

4.4 Soil Gas Analytical Results

Soil gas sample analytical results are summarized and compared to vapor risk screening levels (VRSLs) on **Table 4**. The sample locations and results are also depicted on **Figure 7**. Sample SG-4, which was collected just north of the Site building along the sanitary lateral, contained PCE and TCE at concentrations of 142,000 micrograms per cubic meter (µg/m^3) and 3,180 µg/m^3, respectively, which exceed the applicable VRSLs for these compounds. PCE was also detected in samples SG-2 and SG-3, which were collected from beneath the sidewalk to the east and west of the Site. However, the concentrations at SG-2 and SG-3 were three orders of

magnitude less than SG-4 and well below VRSLs, again indicating that the utilities had not acted as conduits for the preferential migration of contaminants.

Soil gas impacts appear to be greatest in the northern part of the Site, including beneath the basement floor slab, and possibly along the sanitary sewer lateral. The decrease in concentrations with distance from the Site demonstrates that the extent of soil gas contamination above VRSLs is limited to the Site and part of the Center Street right-of-way immediately north of the Site boundary.

4.5 Sub-Slab Vapor Analytical Results

Sub-slab vapor sample analytical results are summarized and compared to VRSLs on **Table 5**. The sample locations and results are also depicted on **Figure 7**. The complete laboratory reports are presented in **Appendix H**.

The initial sub-slab vapor samples collected by the previous consultant from the Site building (sample SG-1) and commercial building to the west (sample SS-1) contained PCE at concentrations exceeding the VRSL for small commercial buildings. However, the concentrations of PCE in all subsequent vapor samples, collected between 2013 and 2016, from the basements of both buildings were below the VRSL.

One (1) of the eight (8) sub-slab vapor samples collected from the Site building between 2014 and 2017 contained TCE at a concentration exceeding the VRSL of 290 $\mu g/m^3$. As shown on **Table 5**, the TCE concentrations in all other sub-slab vapor samples collected from the Site building were below the VRSL, including the most recent samples collected in January 2017. Overall, the sub-slab vapor analytical results do not indicate the potential for vapor intrusion in the Site building.

4.6 Indoor Air Analytical Results

The indoor air analytical results are summarized and compared to vapor action levels (VALs) on **Table 6**, and depicted graphically on **Figure 7**. The complete laboratory reports are included in **Appendix H**. Because PCE is still used at the Site building, indoor air samples were collected only from the commercial building west of the Site. PCE was detected in both indoor air samples collected, and in the outdoor air sample collected during the first sampling event in 2013. All PCE concentrations were less that the VAL for small commercial buildings.

5.0 CONCEPTUAL SITE MODEL

5.1 Sources of Contamination

The conceptual site model demonstrates that the PCE source area is present beneath the area of previous dry cleaning machine operations in the basement. Undocumented and likely incidental releases to the floor and /or sanitary sewer are likely causes of the identified impacts.

5.2 Potential Contaminant Transport Mechanisms

PCE released to the subsurface can desorb from the soil and enter the groundwater, which is dependent upon various factors including the amount of organic matter in the soil and chemical specific properties such as volatility, solubility, and partitioning coefficients. In a free liquid state, PCE is considered a dense non-aqueous phase liquid (DNAPL), is heavier than water, and can pass through the water table causing impacts at depth. Contamination in the groundwater can also move through soil pore space and into building crawl spaces, basements, and/or indoors.

Contamination in the groundwater will follow natural preferential pathways such as high permeability sands, and will generally move in the direction of groundwater flow through advection. Although a laterally continuous sand layer is present at approximately 10 feet bgs, it appears the transport process has been limited at the Site by the low permeability of clay layers and lenses, and by the position of the water table within the deeper clay unit.

Contaminants may also follow anthropogenic preferential pathways such as fill material under structures, roads or parking areas, and underground utility trenches. Utility trenches that exist on the Site property are sanitary sewer, water, and gas lines. The soil and soil gas samples collected near the sanitary sewer lateral between the building and Center Street contained elevated VOC concentrations, indicating some migration along the sanitary sewer; however, migration appears to have been limited based on decreasing soil and soil gas impact with distance from the Site.

5.3 Potential Exposure Pathways and Receptors

Potential contaminant exposure pathways are considered to be ingestion, dermal absorption, and inhalation of vapors. More specifically, potential receptors are as follows:

- Direct contact with soil during excavation activities;

- Direct contact and ingestion of groundwater by residents and commercial/ industrial users; and
- Vapor inhalation by workers and residents.

There are no surface water features on the Site, which excludes ingestion of impacted surface water as an exposure pathway. Each potential exposure pathway is evaluated and discussed below.

5.3.1 Soil Direct Contact

Current and future anticipated land use at the Site is commercial. The concentrations of contaminants in soil did not exceed the RCLs for commercial land use at any sampling location. The building concrete slab and impervious surface materials surrounding the building prevent exposure to soil; therefore, direct contact could only occur during excavation activities in this area. A GIS Registry listing at closure will provide notification to potential developers and excavation workers of the residual soil contamination and exposure risk.

5.3.2 Groundwater Direct Contact

Evaluation of this exposure scenario is necessary because PCE concentrations in groundwater exceeded the ES in the northern part of the Site. Groundwater in the unconsolidated deposits is not used as a resource by the City of Wauwatosa or residents. Municipal water is supplied to the area and there are no potable water wells at the Site or adjacent properties. This exposure scenario would have the potential to be complete only if excavations extend to the water table and the shallow groundwater is intentionally ingested. This situation is very unlikely and does not merit further evaluation.

5.3.3 Vapor Intrusion Exposure

The potential for exposure through breathing contaminated vapor was evaluated by conducting vapor intrusion assessments at the Site building and one (1) commercial building. The results of the vapor intrusion assessment conducted at the Site building indicated the potential for exposure. Based on this result, an SSDS was installed and a pressure field extension test was performed to verify performance. However, in 2015, the United States Environmental Protection Agency re-evaluated and lowered the attenuation factor for evaluating the vapor intrusion risk.

This adjustment raised the vapor risk screening levels for the COCs and the concentrations of COCs in recent sub-slab vapor samples do not exceed the current vapor risk screening levels.

The results of the vapor intrusion assessments conducted at the two (2) nearest structures (7209 and 7219 W. Center Street) indicated that the occupants are not at risk of exposure. These findings indicate that assessment of structures located further from the Site are not warranted.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The source of impacts is beneath the basement in the vicinity of the previous dry cleaning machine operations. Undocumented and likely incidental releases to the floor and /or sanitary sewer are likely causes of the identified impacts. The concentrations of CVOCs in vadose zone soils are relatively low, with only one sample location exhibiting a PCE concentration above the non-industrial RCL. Likewise, only one (1) exterior soil gas sample contained CVOC concentrations above the applicable screening levels.

The concentrations of CVOCs in groundwater are relatively minor and stable. The water table is encountered within the lower clay unit, which likely inhibits migration. Minor concentrations of PCE daughter products have been detected in a few soil and groundwater samples, indicating that PCE is undergoing some degradation due to the action of naturally occurring microbes.

The highest concentrations of CVOCs in soil, soil gas, and groundwater are detected in a relatively small area below and adjacent to the basement. Direct-contact risks appear to be limited to this area of the Site and part of the Center Street right-of-way immediately north of the Site boundary. Samples collected from all other areas of the Site contained concentrations of CVOCs below the applicable direct-contact standards and screening levels. The concentrations of CVOCs in all subsurface media decrease quickly with distance from the source area. Soil and soil gas samples collected along the sanitary sewer both east and west along Center Street did not contain appreciable concentrations of CVOCs and have not acted as conduits for the preferential migration of contaminants.

Potential exposure pathways consist of direct contact with soil and groundwater, and inhalation of vapors. Because the Site is entirely covered by the building and paved surfaces, direct contact with soil or groundwater could only occur during excavation activities. The GIS Registry listing at closure will provide notification to potential developers and excavation workers of the residual contamination and exposure risk. The results of recent sub-slab vapor samples indicate that the Site building or off-Site structures are not at risk of vapor intrusion.

The extent of impacts to all contaminated media above the applicable standards has been defined. EnviroForensics considers the Site investigation to be complete and recommends that no further investigation activities be conducted. EnviroForensics also recommends that a case closure request be prepared and submitted. Due to the presence of PCE in soil, the Site will be placed on the WDNR GIS Registry per their requirement, and the closure request will need to

include a cap maintenance plan that details how the integrity of the impervious surfaces at the Site will be kept in good condition. The SSDS is no longer needed and should be decommissioned.

TABLES

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA
Former Hoffman's Valet Cleaners
7215 W. Center Street, Wauwatosa, Wisconsin

Well ID	Date	TOC Elevation (feet AMSL)	Depth to Water (feet below TOC)	Groundwater Elevation (feet AMSL)
MW-1	1/28/2005	733.91	16.53	717.38
	1/8/2007		13.91	720.00
	4/5/2007		13.96	719.95
	7/3/2007		13.83	720.08
	9/5/2013		13.97	719.94
	9/15/2016		13.85	720.06
MW-2	1/28/2005	733.01	14.42	718.59
	1/8/2007		14.12	718.89
	4/5/2007		13.72	719.29
	7/3/2007		14.25	718.76
	9/5/2013		15.46	717.55
	9/15/2016		15.09	717.92
MW-3	1/28/2005	733.13	14.61	718.52
	1/8/2007		14.20	718.93
	4/5/2007		14.01	719.12
	7/3/2007		14.35	718.78
	9/5/2013		15.54	717.59
	9/15/2016		15.13	718.00

Notes:
2005 and 2007 data collected by ARCADIS
All values are in feet
AMSL = above mean sea level
NA = Not Available
TOC = Top of Casing

TABLE 2
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
Former Hoffman's Valet Cleaners
7215 W. Center Street, Wauwatosa, Wisconsin

Sample Identification	Sample Depth (ft bgs)	Date Sampled	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Ethylbenzene	Methylene Chloride	Naphthalene	Trichlorofluoromethane	Total Xylenes
Industrial Residual Contaminant Level			**153,000**	**8,810**	**2,040,000**	**37,000**	**1,070,00**	**26,000**	**1,230,000**	**260,000**
Non-Industrial Residual Contaminant Level			**30,700**	**1,260**	**156,000**	**7,470**	**60,700**	**5,150**	**1,230,000**	**260,000**
Soil to Groundwater Residual Contaminant Level			**4.5**	**3.6**	**41.2**	**1,570**	**2.6**	**658**	**NE**	**3,960**
GP-1	6-8	2/7/2002	**51**	ND	**53**	<10	**21 Q**	ND	ND	<20
GP-2	4-6	2/7/2002	**240**	ND	<10	<10	**14 Q**	ND	ND	<20
GP-101	7-11	9/12/2002	<25	ND	<25	<25	<25	**50 Q**	<25	<50
	11-15	9/12/2002	<25	ND	<25	<25	<25	<25	<25	<50
GP-102	4-8	9/12/2002	**150**	ND	3.0	<25	<25	<25	<25	<50
	12-16	9/12/2002	<25	ND	<25	<25	<25	<25	<25	<50
GP-103	8-12	9/12/2002	**400**	ND	<25	<25	<25	<25	<25	<50
	12-16	9/12/2002	<25	ND	<25	<25	<25	<25	<25	<50
GP-104	4-6	9/12/2002	**41 Q**	ND	<25	<25	<25	<25	**61**	<50
	8-9	9/12/2002	**45 Q**	ND	<25	<25	<25	<25	<25	<50
GP-105	8-12	9/12/2002	**130**	ND	<25	<25	<25	<25	<25	<50
	12-16	9/12/2002	<25	ND	<25	<25	<25	<25	<25	<50
GP-106	10-12	5/1/2009	<26	ND	<26	<26	<53	<53	ND	**100**
GP-107	14-16	5/1/2009	<28	ND	<28	<28	<56	<56	ND	<95
GP-108	14-16	5/1/2009	<28	ND	<28	<28	<56	<56	ND	<95
GP-109	12-14	5/1/2009	<28	ND	<28	<28	<56	<56	ND	<96
GP-110	14-16	5/1/2009	<29	ND	<29	<29	<57	<57	ND	<98
GP-111	10-12	11/13/2009	<25	<25	<25	<25	<25	<25	<25	<50
	14-16	11/13/2009	<25	<25	<25	<25	<25	<25	<25	<50
GP-112	10-12	11/13/2009	<25	<25	<25	<25	<25	<25	<25	<50
	14-16	11/13/2009	<25	<25	<25	<25	<25	<25	<25	<50
MW-1	10-12	1/19/2005	**2,800**	ND	<29	<29	**72**	<29	<29	<58
MW-2	10-12	1/19/2005	**3,720**	ND	<28	<28	**96**	<28	<28	<56
MW-3	10-12	1/19/2005	<31	ND	<31	<31	<62	<31	<31	<62
GP-3	8-10	1/8/2007	**2,500**	ND	<35	**80**	<69	<69	ND	**320**
	10-12	1/8/2007	**5,200**	ND	<54	**130**	<110	<110	ND	**550**
SB-1	2-3	9/15/2016	<54	<42	<21	NA	NA	NA	NA	NA
	9-10	9/15/2016	<54	<42	<21	NA	NA	NA	NA	NA
SB-2	2-3	9/15/2016	**130 J**	<42	<21	NA	NA	NA	NA	NA
	9-10	9/15/2016	<54	<42	<21	NA	NA	NA	NA	NA
SB-3	2-3	9/15/2016	**320**	<42	<21	NA	NA	NA	NA	NA
	9-10	9/15/2016	**48,000**	**199**	**208**	NA	NA	NA	NA	NA

Notes:

All data collected by ARCADIS. Some information not known at this time
All concentrations reported in units of micrograms per kilogram (µg/kg)
ft bgs = feet below ground surface
Samples analyzed using EPA SW-846 Method 8260
Bolded values are above laboratory letection limits
Bolded and orange shaded values are above the Industrial RCL
Bolded and green shaded values are above the Non-Industrial RCL
Bolded and blue shaded values are above the Soil to Groundwater RCL
NA = Not analyzed
ND = Compound not detected above the method detection limit
Q = One or more quality control criteria failed
RCL = Residual Contaminant Level

TABLE 3
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
Former Hoffman's Valet Cleaners
7215 W. Center St, Wauwatosa, Wisconsin

Sample Identification	Date Sampled	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Methylene Chloride	Chloroform
GP-102	9/12/2002	<0.63	<0.48	ND	<0.43	ND
GP-103	9/12/2002	**2.9**	<0.48	ND	<0.43	ND
GP-105	9/12/2002	<0.63	<0.48	ND	<0.43	ND
MW-1	1/28/2005	<0.50	<0.48	<0.50	<1.0	<0.20
	1/8/2007 *	**1.1**	<0.48	ND	<0.43	ND
	4/5/2007 *	**1.4 Q**	<0.48	ND	<0.43	ND
	7/3/2007 *	**1.0 Q**	**0.81 Q**	ND	**0.73 Q**	ND
	9/5/2013	**5.2**	<0.33	<0.38	<0.5	<0.28
	9/15/2016 *	**7.4**	<0.47	<0.45	<1.3	<0.43
MW-2	1/28/2005	<0.50	<0.20	<0.50	<1.0	<0.20
	1/8/2007	<0.50	<0.20	ND	<1.0	ND
	4/5/2007	**5.5**	<0.48	ND	<0.43	ND
	7/3/2007	**1.7**	**0.95 Q**	ND	<0.43	ND
	9/5/2013 *	**3.9**	<0.33	**0.44 J**	<0.5	**0.30 J**
	9/15/2016	**1.37 J**	<0.47	**0.73 J**	<1.3	<0.43
MW-3	1/28/2005	<0.50	<0.20	<0.50	<1.0	<0.20
	1/8/2007	<0.50	<0.20	ND	<1.0	ND
	4/5/2007	<0.45	<0.48	ND	<0.43	ND
	7/3/2007	<0.45	<0.48	ND	<0.43	ND
	9/5/2013	<0.33	<0.33	<0.38	<0.5	<0.28
	9/15/2016	<0.49	<0.47	<0.45	<1.3	<0.43
Preventive Action Limit		**0.5**	**0.5**	**7**	**0.5**	**0.6**
Enforcement Standard		**5**	**5**	**70**	**5**	**6**

Notes:

All concentrations reported in units of micrograms per liter (µg/L)
2005 and 2007 data collected by ARCADIS
Samples analyzed using EPA SW-846 Method 8260
Bolded values are above laboratory detection limits
Bolded and blue shaded values are above NR 140 Public Health Preventive Action Limits
Bolded and orange shaded values are above NR 140 Public Health Enforcement Standards
* Indicates result is the highest concentration detected in duplicate samples
J = Concentration is greater than the method detection limit but less than the reporting limit
ND = Compound not detected; detection limit unknown
Q = One or more quality control criteria failed.

TABLE 4
SUMMARY OF SOIL GAS SAMPLE ANALYTICAL RESULTS
Former Hoffman's Valet Cleaners
7215 W. Center Street, Wauwatosa, Wisconsin

Sample Identification	Sample Date	Applicable Criteria	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene
SG-2	9/15/2016	Shallow	**222**	<10.7	<39.6	<39.6
SG-3	9/15/2016	Shallow	**54.3**	<10.7	<39.6	<39.6
SG-4	9/15/2016	Utility	**142,000**	**3,180**	**6,220**	**599**
Shallow Vapor Risk Screening Level [1]			**6,000**	**290**	**NE**	**NE**
Deep/Utility Soil Gas Vapor Risk Screening Level [1]			**18,000**	**880**	**NE**	**NE**

Notes:

[1] The Vapor Risk Screeing Levels are based on U.S. EPA Regional Screening Levels for small commercial indoor air with an attenuation factor of 0.01 for utility corridor samples and 0.03 for shallow samples, and a 0.1 adjustment for 1 x 10-5 excess cancer risk for carcinogens.

All concentrations reported in untis of micrograms per cubic meter (µg/m³)
Bolded values are above laboratory detection limits
Bolded and blue shaded values exceed the Shallow Vapor Risk Screening Level
Bolded and orange shaded values exceed the Deep Vapor Risk Screening Level
NE = Not Established

TABLE 5
SUMMARY OF SUB-SLAB VAPOR SAMPLE ANALYTICAL RESULTS
Former Hoffman's Valet Cleaners
7215 W. Center Street, Wauwatosa, Wisconsin

Property Address (W. Center St)	Sample Identification	Sample Date	Applicable Criteria	Tetrachloroethene	Trichloroethene	Carbon Disulfide	n-Hexane	Toluene
7209	SS-2	11/16/2009	Small Commercial	**81**	<2.7	**2.6**	**3.42**	**2.4**
7215	SG-1	7/28/2006	Small Commercial	**20,000**	<110	<160	<180	<75
	7215-SSV-1	2/20/2014		**1,440**	**48.9**	NA	NA	NA
		9/15/2016		**486**	**38.7**	NA	NA	NA
		11/16/2016		**594**	**50.5**	NA	NA	NA
		1/12/2017		**300**	**61.3**	NA	NA	NA
	7215-SSV-2	2/20/2014		**3,600**	**12.4**	NA	NA	NA
		9/15/2016		**1,360**	**243**	NA	NA	NA
		11/16/2016		**1,320**	**377**	NA	NA	NA
		1/12/2017		**922**	**243**	NA	NA	NA
7219	SS-1	10/21/2009	Small Commercial	**244,000**	<110	<64	<70	<75
	7219-SSV-1	9/4/2013		**298**	**8.54**	NA	NA	NA
		2/20/2014		**239**	<10.7	NA	NA	NA
	7219-SSV-2	9/4/2013		**36.6**	<1.07	NA	NA	NA
		2/20/2014		**118**	<10.7	NA	NA	NA
Small Commercial Sub-Slab Vapor Risk Screening Level [1]				**6,000**	**290**	**103,000**	**103,000**	**733,000**

Notes:

[1] The Vapor Risk Screeing Levels are based on U.S. EPA Regional Screening Levels for small commercial indoor air with an attenuation factor of 0.03 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 untis of micrograms per cubic meter (µg/m³)

Bolded values are above laboratory detection limits

Bolded and blue shaded values exceed the Small Commercial Shallow Vapor Risk Screening Level

NA = Not Analyzed

TABLE 6
SUMMARY OF INDOOR/OUTDOOR AIR SAMPLE ANALYTICAL RESULTS
Former Hoffman's Valet Cleaners
7215 W. Center Street, Wauwatosa, Wisconsin

Property Address (W. Center St)	Sample Identification	Sample Date	Tetrachloroethene	Trichloroethene
7219	7219-IA	9/4/2013	**9.16**	<1.07
		2/19/2014	**2.71**	<1.07
	7219-OA	9/4/2013	**22.4**	**1.07**
		2/19/2014	<1.4	<1.07
Small Commercial Vapor Action Level			**180**	**8.8**

Notes:

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

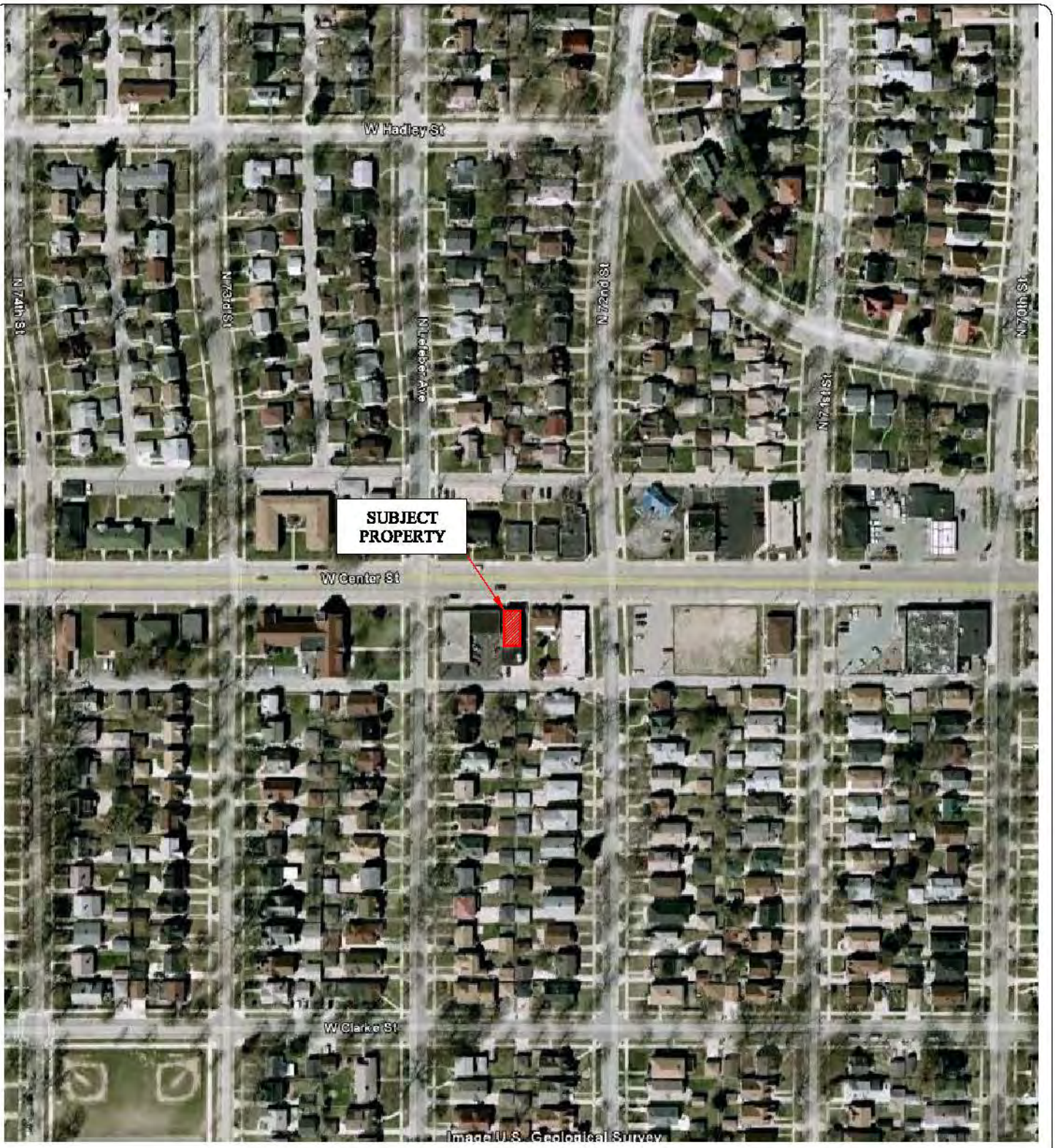
Samples analyzed according to EPA Method TO-15

Bolded values are above detection limits

IA = Indoor Air

OA = Outdoor air (background)

FIGURES



Scale 1:24,000

1 1/2 0 1 Mile

1000 0 1000 2000 3000 4000 5000 6000 7000 Feet

1 .5 0 1 Kilometer

N

Source: US Geological Survey, Indianapolis East, Indiana Quadrangle, 7.5 Minute Series, 1984

No.	Date	Revision	Approved

ENVIRO forensics

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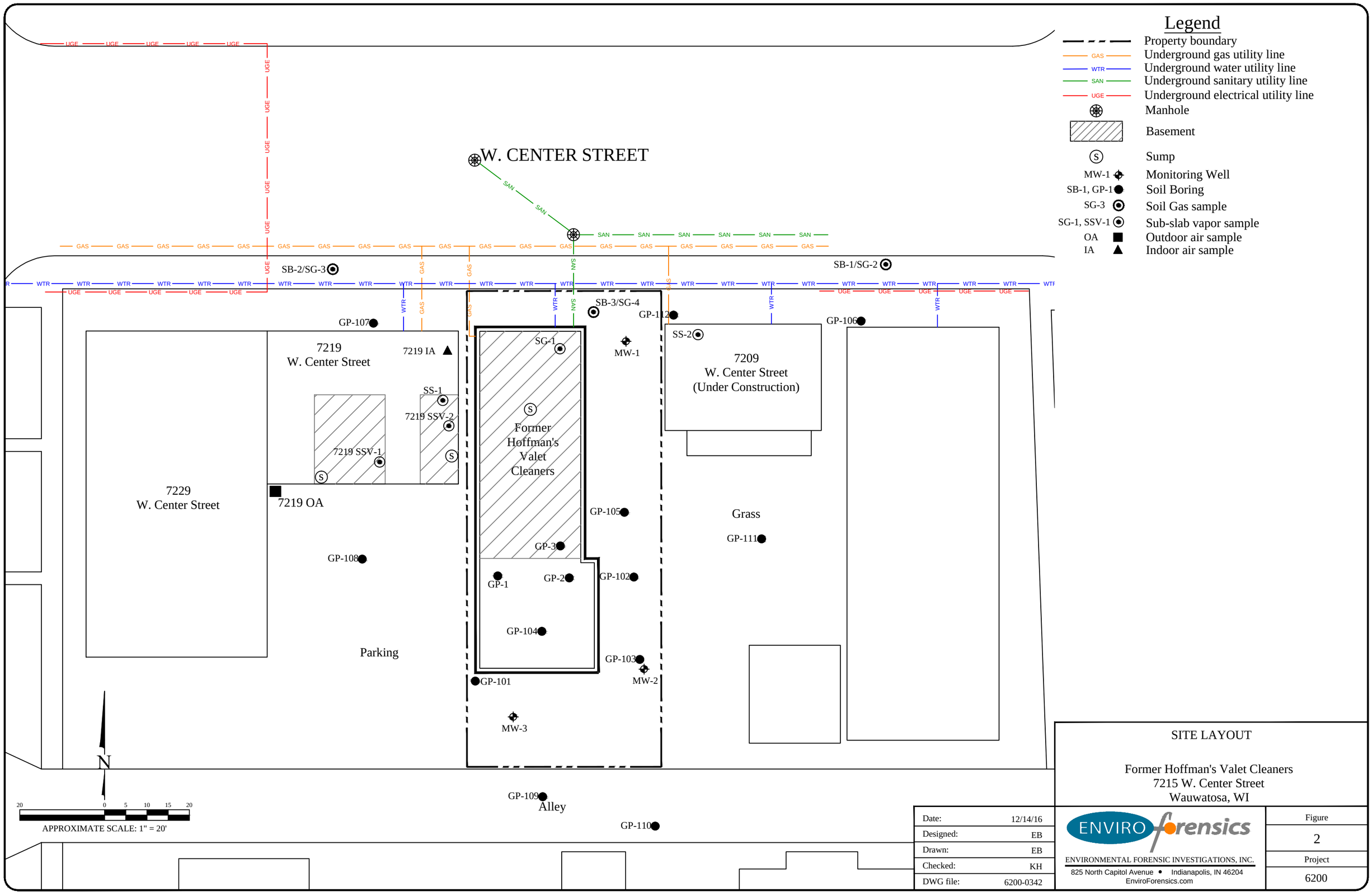
1200 N Capitol Ave., Ste 5230 • Indianapolis, IN 46204
EnviroForensics.com

Date:	3/25/11
Designed:	SP
Drawn:	SP
Checked:	JR
DWG file:	63107-11

SITE LOCATION AND VICINITY MAP

Hoffman's Valet Cleaners
7215 W. Center Street
Wauwatosa, WI

Figure
1
Project
6200



SITE LAYOUT

Former Hoffman's Valet Cleaners
7215 W. Center Street
Wauwatosa, WI

Date:	12/14/16
Designed:	EB
Drawn:	EB
Checked:	KH
DWG file:	6200-0342

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Figure 2

Project 6200

W. CENTER STREET

Legend

- Property boundary
- MW-1 — Monitoring Well
- Basement
- S — Sump
- Groundwater elevation contour
- 717.55 — Groundwater elevation (ft above mean sea level)
- Inferred groundwater flow direction

N

7219
W. Center Street

7229
W. Center Street

Former
Hoffman's
Valet
Cleaners

MW-1
719.94

7209
W. Center Street

719.5

719.0

718.5

718.0

Parking

Grass

MW-2
717.55

MW-3
717.59

Alley

20 0 5 10 15 20

APPROXIMATE SCALE: 1" = 20'

WATER TABLE CONTOUR MAP
9/5/2013

Former Hoffman's Valet Cleaners
7215 W. Center Street
Wauwatosa, WI

Date:	10/7/13
Designed:	xx
Drawn:	EB
Checked:	JJ
DWG file:	6200-0165

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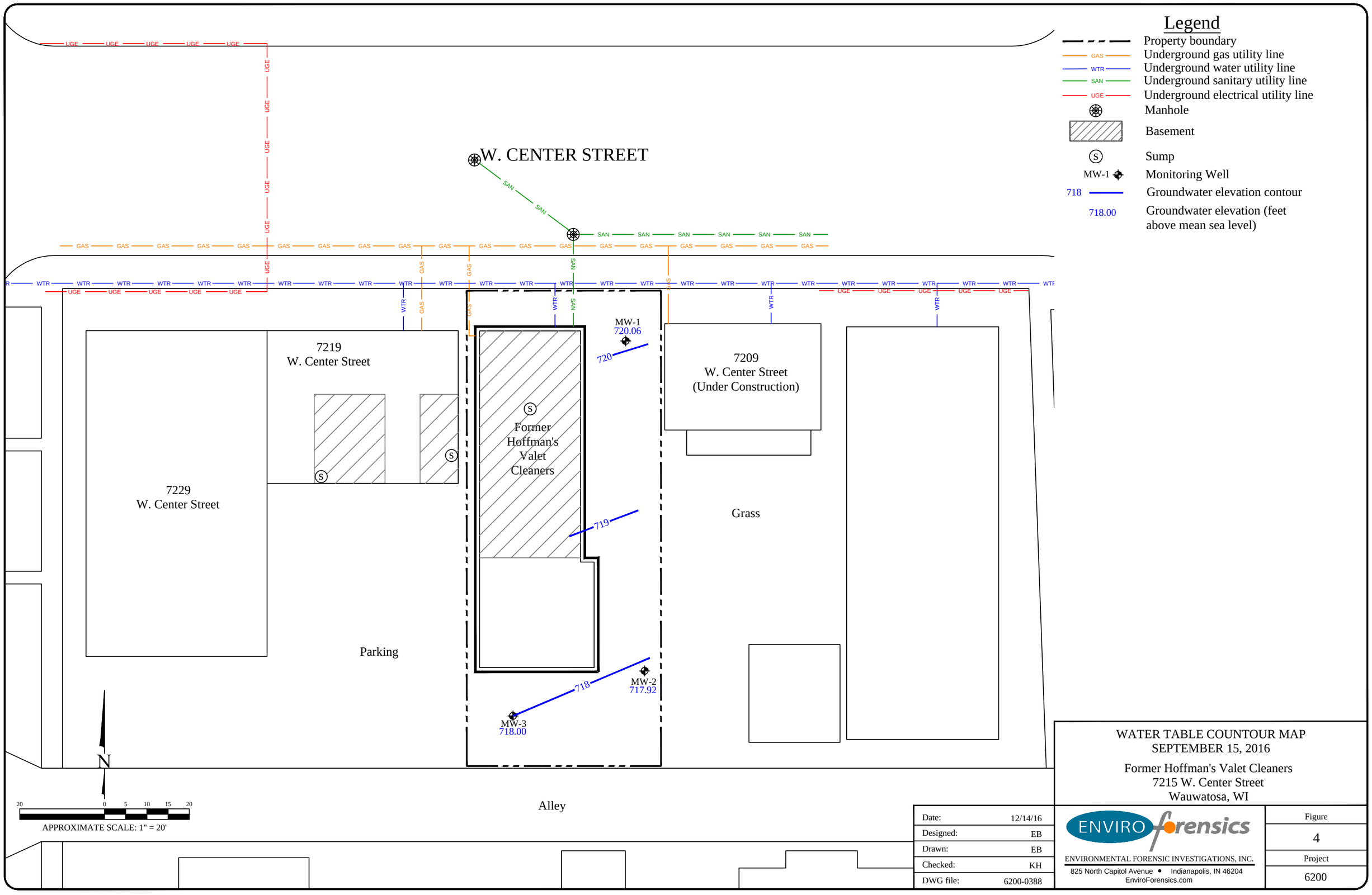
Figure
3

Project
6200



WATER TABLE COUNTOUR MAP
SEPTEMBER 15, 2016

Former Hoffman's Valet Cleaners
7215 W. Center Street
Wauwatosa, WI

Date:	12/14/16
Designed:	EB
Drawn:	EB
Checked:	KH
DWG file:	6200-0388

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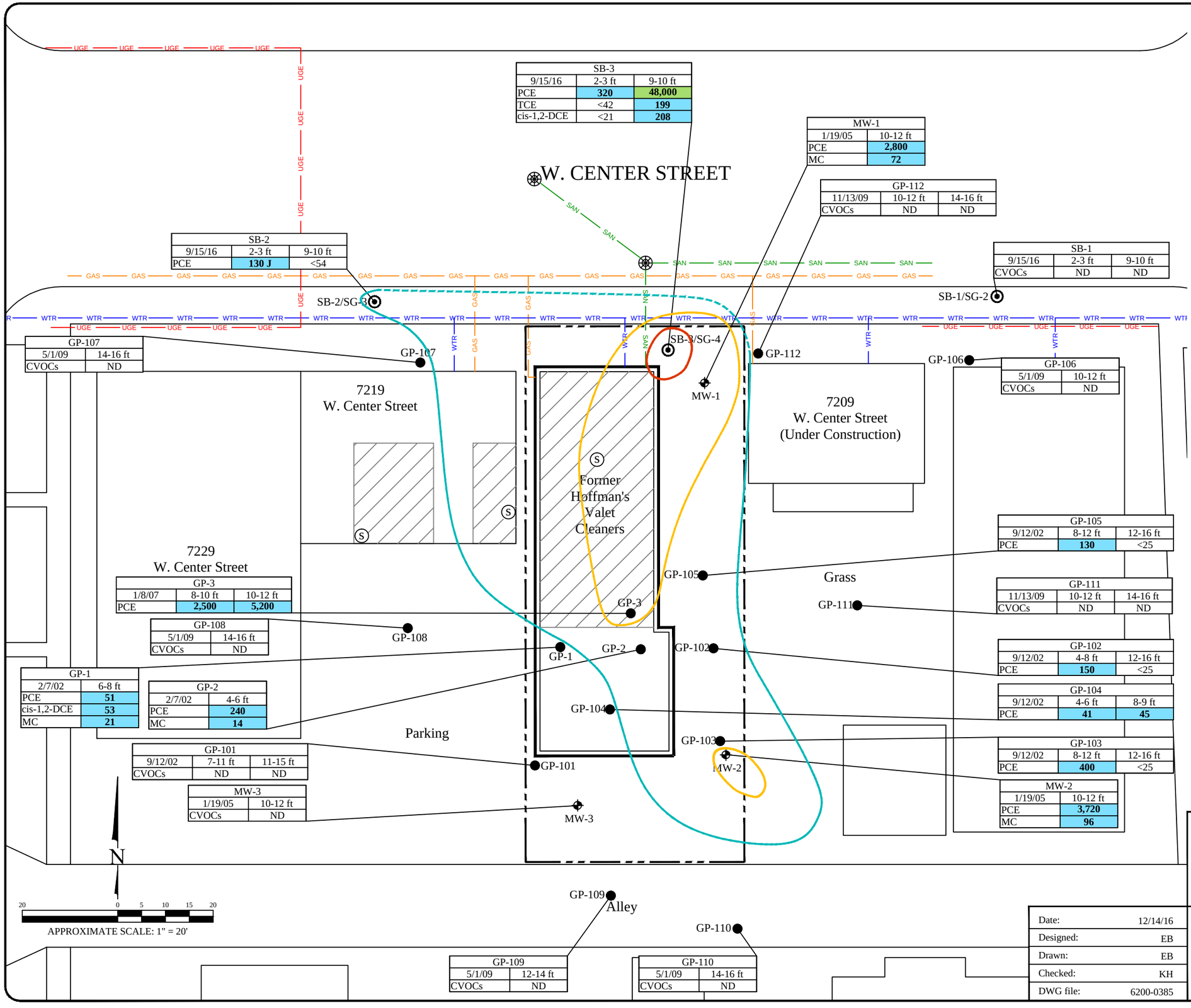
Figure	4
Project	6200



Legend

- Property boundary
- Underground gas utility line
- Underground water utility line
- Underground sanitary utility line
- Underground electrical utility line
- Manhole
- Basement
- Sump
- Monitoring Well
- Soil Boring
- Soil/Soil Gas sample

Analyte	Soil to Groundwater Residual Contaminant Level	Residential Residual Contaminant Level	Industrial Residual Contaminant Level
PCE	**4.5**	**30,700**	**153,000**
TCE	**3.6**	**1,260**	**8,810**
cis-1,2-DCE	**41.2**	**156,000**	**2,040,000**
MC	**2.6**	**60,700**	**1,070,000**

Note:

1. Bolded and blue shaded values exceed the Soil to Groundwater Residual Contaminant Level
2. Bolded and green shaded values exceed the Residential Residual Contaminant Level
3. Bolded values are above detection limits
4. J = Analyte concentration less that laboratory detection limits
5. Samples analyzed using EPA SW-846 Method 8260
6. All results reported in units of micrograms per kilogram (µg/kg)
7. PCE = Tetrachloroethene
8. TCE = Trichloroethene
9. cis-1,2-DCE = cis-1,2-Dichloroethene
10. MC = Methylene Chloride
11. ND = Not detected
12. CVOCs = Chlorinated Volatile Organic Compounds

- PCE isocontour <100 µg/kg
- PCE isocontour <1,000 µg/kg
- PCE isocontour <10,000 µg/kg
- Dashed boundaries are inferred

SOIL SAMPLE ANALYTICAL RESULTS

Former Hoffman's Valet Cleaners
7215 W. Center Street
Wauwatosa, WI

Date:	12/14/16
Designed:	EB
Drawn:	EB
Checked:	KH
DWG file:	6200-0385

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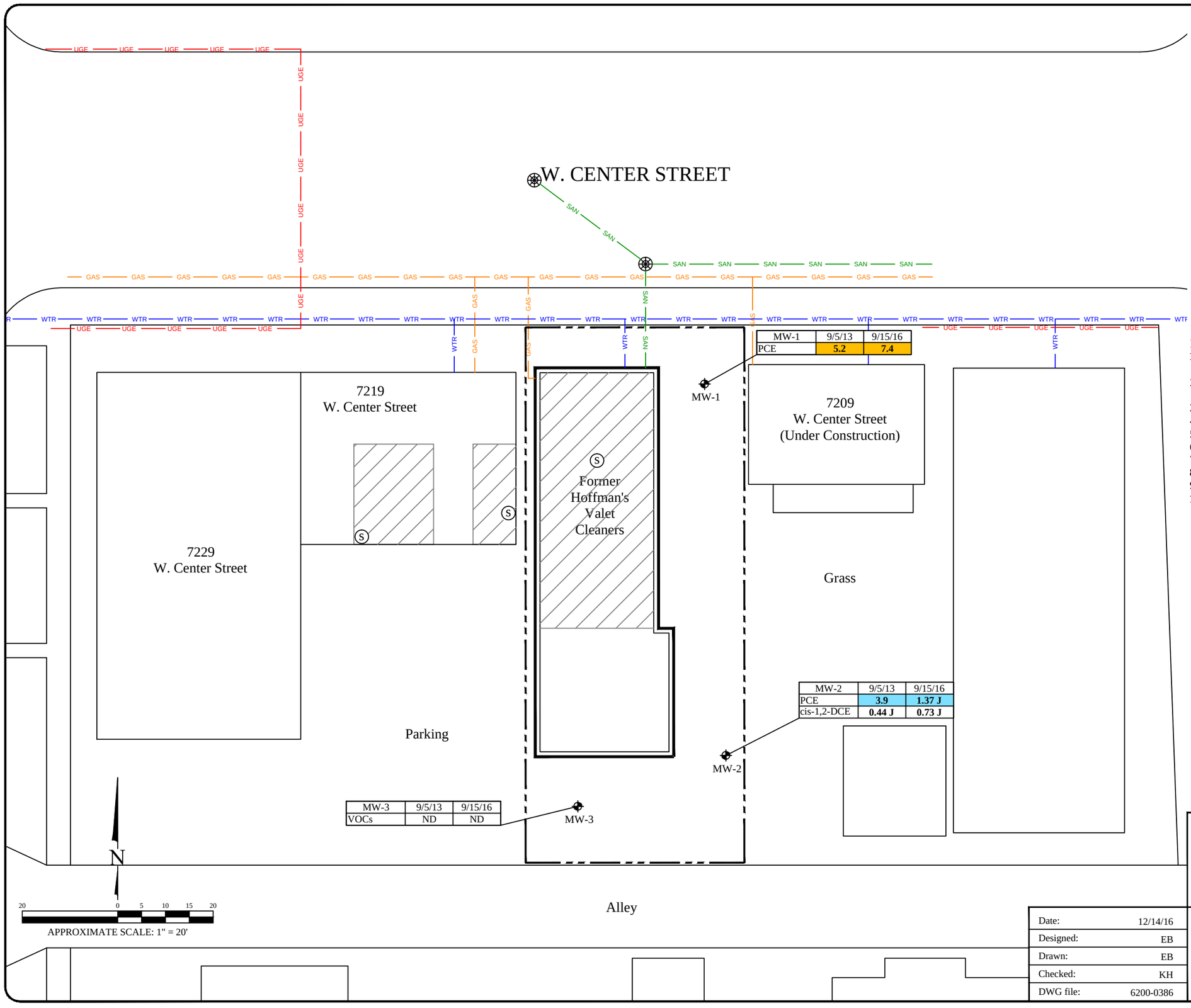
Figure 5

Project 6200



Legend

- Property boundary
- Underground gas utility line
- Underground water utility line
- Underground sanitary utility line
- Underground electrical utility line
- Manhole
- Basement
- Sump
- MW-1 Monitoring Well

Analyte	Public Health Preventive Action Limit	Public Health Enforcement Standard
PCE	**0.5**	**5**
TCE	**0.5**	**5**
cis-1,2-DCE	**7**	**70**
MC	**0.5**	**5**
Chloroform	**0.6**	**6**

Note:

1. Bolded and orange shaded values exceed the Public Health Enforcement Standard
2. Bolded and blue shaded values exceed the Public Health Preventive Action Limit
3. Bolded values are above detection limits
4. J = Analyte concentration less that laboratory detection limits
5. Samples analyzed using EPA SW-846 Method 8260
6. All results reported in units of micrograms per liter (µg/L)
7. PCE = Tetrachloroethene
8. cis-1,2-DCE = cis-1,2-Dichloroethene
9. VOCs = Volatile Organic Compounds
10. ND = Not detected

GROUNDWATER SAMPLE ANALYTICAL RESULTS

Former Hoffman's Valet Cleaners
7215 W. Center Street
Wauwatosa, WI

Date:	12/14/16
Designed:	EB
Drawn:	EB
Checked:	KH
DWG file:	6200-0386

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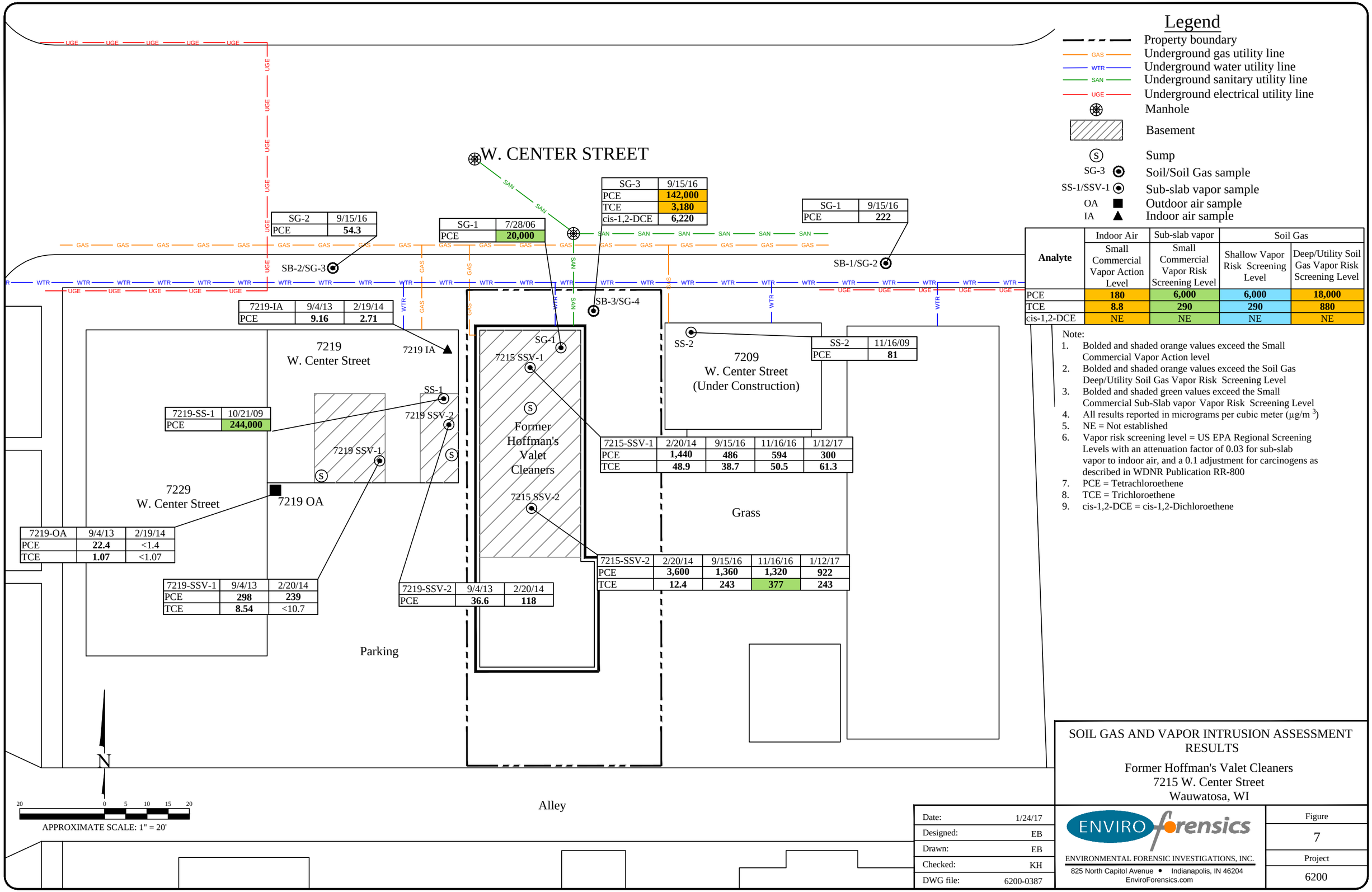
Figure 6

Project 6200



Legend

- Property boundary
- Underground gas utility line
- Underground water utility line
- Underground sanitary utility line
- Underground electrical utility line
- Manhole
- Basement
- Sump
- SG-3 — Soil/Soil Gas sample
- SS-1/SSV-1 — Sub-slab vapor sample
- OA — Outdoor air sample
- IA — Indoor air sample

Analyte	Indoor Air	Sub-slab vapor	Soil Gas	
	Small Commercial Vapor Action Level	Small Commercial Vapor Risk Screening Level	Shallow Vapor Risk Screening Level	Deep/Utility Soil Gas Vapor Risk Screening Level
PCE	**180**	**6,000**	**6,000**	**18,000**
TCE	**8.8**	**290**	**290**	**880**
cis-1,2-DCE	NE	NE	NE	NE

Note:

1. Bolded and shaded orange values exceed the Small Commercial Vapor Action level
2. Bolded and shaded orange values exceed the Soil Gas Deep/Utility Soil Gas Vapor Risk Screening Level
3. Bolded and shaded green values exceed the Small Commercial Sub-Slab vapor Vapor Risk Screening Level
4. All results reported in micrograms per cubic meter ($\mu g/m^3$)
5. NE = Not established
6. Vapor risk screening level = US EPA Regional Screening Levels with an attenuation factor of 0.03 for sub-slab vapor to indoor air, and a 0.1 adjustment for carcinogens as described in WDNR Publication RR-800
7. PCE = Tetrachloroethene
8. TCE = Trichloroethene
9. cis-1,2-DCE = cis-1,2-Dichloroethene

SOIL GAS AND VAPOR INTRUSION ASSESSMENT RESULTS

Former Hoffman's Valet Cleaners
7215 W. Center Street
Wauwatosa, WI

Date:	1/24/17
Designed:	EB
Drawn:	EB
Checked:	KH
DWG file:	6200-0387

ENVIRO forensics
ENVIRONMENTAL FORENSIC INVESTIGATIONS, INC.
825 North Capitol Avenue • Indianapolis, IN 46204
EnviroForensics.com

Figure 7

Project 6200

APPENDIX A

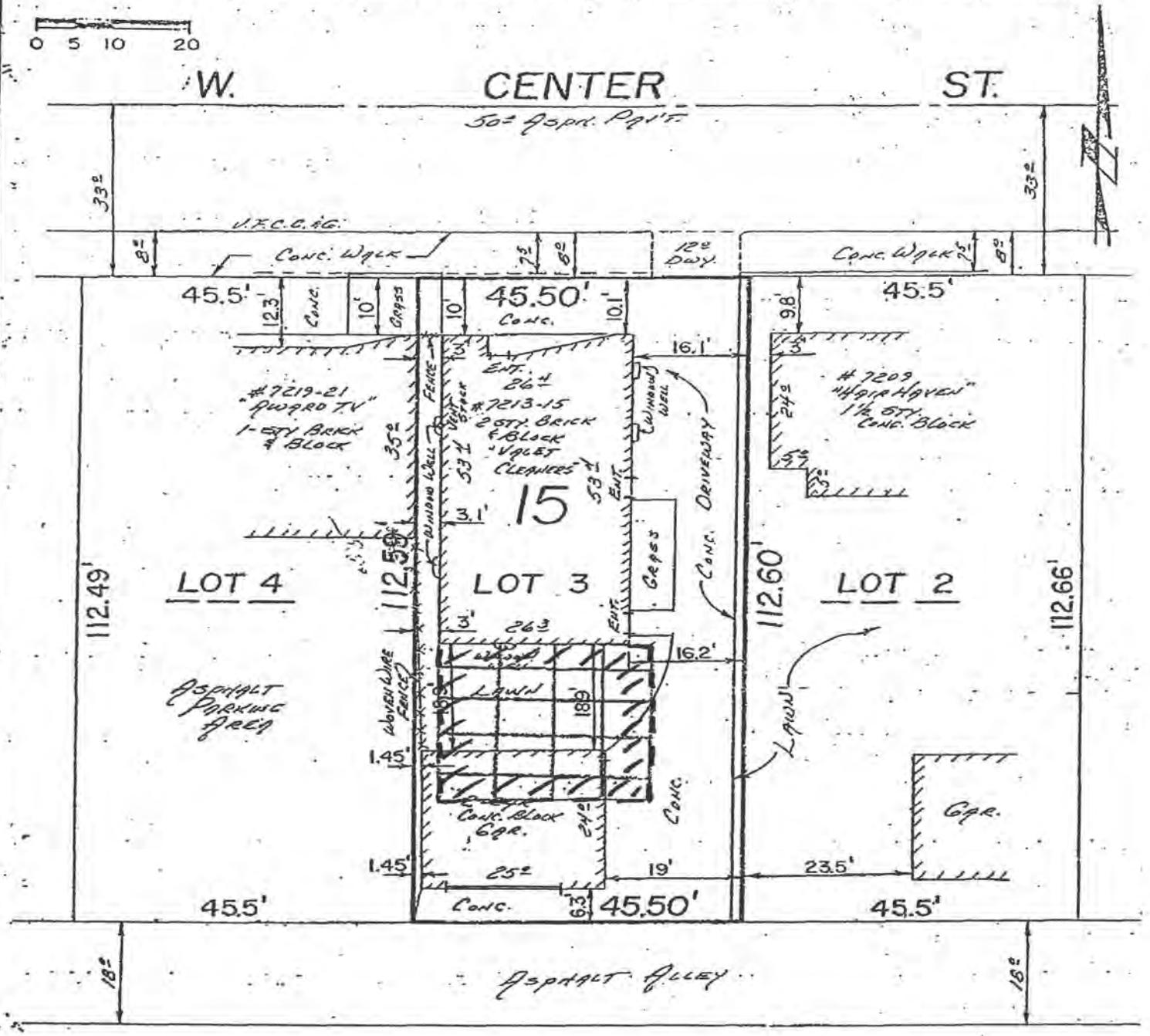
Property Deed and Plat Map

PLAT OF SURVEY

DATE OF SURVEY -- 11-20-84 SURVEY NO. 11-2-84

LOCATION OF PROPERTY — 7213-15 W. CENTER ST.

DESCRIPTION OF PROPERTY — LOT 3, BLOCK 15 IN RITTER OAK RIDGE EXTENSION BEING A SUBDIVISION IN THE S.W. 1/4 SEC. 15, T. 7N., R. 21 E. IN THE CITY OF WAUWATOSA, MILWAUKEE COUNTY, STATE OF WISCONSIN.



SURVEYED FOR RALPH HOFFMAN
7215 W. CENTER ST.
WAUWATOSA, WI. 53210

SCALE 1" = 20'

NOV 1984
City of Wauwatosa
Building Dept.

5754 North 93rd Street
Milwaukee, Wisconsin 53225

SURVEYED BY
JOSEPH HOFFMANN

TELEPHONE:
463-8278

that the above plat is an accurate terior boundary lines, visible im- icipal buildings on said property. I bove named owner, or representative

S-1158 — STATE OF WISCONSIN

WISCONSIN JOSEPH HOFFMANN S-1158 MILWAUKEE REGISTERED LAND SURVEYOR

NOTE:
NOT ORIGINAL UNLESS SEAL IS STAMPED IN RED.

Post-it® Fax Note 7671	Date 3/28/05	# of pages ▶ 1
To Ed Bulk	From Chris B.	
Co./Dept.	Co. Tosa	
Phone #	Phone # 479-8935	
Fax # 1-76-7603	Fax #	

Document Number

STATE BAR OF WISCONSIN FORM 16- 1982
TRUSTEE'S DEED

* 0 9 0 8 0 0 8 0 *

DOC.# 09080080

REGISTER'S OFFICE | SS
Milwaukee County, WI|

RECORDED 08/30/2005 03:00PM

JOHN LA FAVE
REGISTER OF DEEDS

AMOUNT:11.00

RALPH L. HOFFMAN and HARLEENE S. HOFFMAN, TRUSTEES OR THEIR SUCCESSORS IN TRUST, UNDER THE RALPH AND HARLEENE HOFFMAN LIVING TRUST, DATED JANUARY 27, 2000 for a valuable consideration conveys, without warranty, to NATALYA L. BERDNIKOVA a married person, Grantee, the following described real estate in MILWAUKEE County, State of Wisconsin:

LOT 3, IN BLOCK 15, IN RITTER OAK RIDGE EXTENSION, BEING A SUBDIVISION OF A PART OF THE SOUTHWEST 1/4 OF SECTION 15, IN TOWNSHIP 7 NORTH, RANGE 21 EAST, IN THE CITY OF WAUWATOSA, MILWAUKEE COUNTY, WISCONSIN.

RETURN TO:
NATALYA L. BERDNIKOVA
4419 N. SHEFFIELD AVE
MILWAUKEE, WI 53211

This (is) (is not) homestead property.

TAX PARCEL NO.
331-0695-00

Dated this 7-29-05

TRANSFER
$ 495.00
FEE

Ralph L. Hoff (Seal)
*RALPH L. HOFFMAN
Trustee

Harleene S. Hoffman (Seal)
*HARLEENE S. HOFFMAN
Trustee

AUTHENTICATION

Signature(s) _____

_____

authenticated this _____ day of _____, _____

_____

* _____

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____ authorized by Section 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY P. CULLEN

Under the Supervision of Metropolitan Title Company
500 Elm Grove
Elm Grove, Wisconsin 53122-5170

_____

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

State of Wisconsin

Milwaukee County.

Personally came before me this 7-29-05, the above named RALPH L. HOFFMAN and HARLEENE S. HOFFMAN to me known to be the person(s) who executed the foregoing instrument and acknowledge the same.

Roger K. Knodl

* Roger K. Knodl

Notary Public, Milwaukee County, Wis. (My commission expires on: 5-27-07)

*Names of persons signing in any capacity should be typed or printed below their signatures.

File Number 05070135
Loan Number _____

ROGER K. KNODL
NOTARY PUBLIC
STATE OF WISCONSIN

APPENDIX B

Soil Boring Log Forms (4400-122) and Borehole Sealing Forms (3300-005)

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Hoffmans Valet Cleaners	02-41-307576	SB-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental Services	9/15/2016	9/15/2016	Direct Push

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.3 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NE 1/4 of SW 1/4 of Section 15, T 7 N, R 21 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
241083150	Milwaukee	41	Wauwatosa

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	60 60		0	**(0'-0.3') CONCRETE :** CONCRETE.	CONCRETE									
SB-1 (2-3) GB			1	**(0.3'-1.0') FILL :** FILL, fine to coarse grained Sand, saturated, loose.	FILL			85						
			2	**(1.0'-8.0') SILT and CLAY :** Brown, SILT and CLAY, some fine to coarse grained Sand, trace fine to medium grained Gravel, very stiff, moderately platic, slightly moist.										
			3					30						
			4											
			5		CL-ML			0						
	60 60		6											
			7					0						
			8	**(1.0'-8.0') SILT and CLAY :** Gray, SILT and CLAY, some fine to coarse grained Sand, trace fine to medium grained Gravel, very stiff, moderately platic, slightly moist.	CL-ML									
SB-1 (9-10) GB			9					16						
			10	**(9.0'-10.0') SAND :** Multicolored, fine to coarse grained SAND, with fine to coarse grained Gravel, dense.	SW									
				EOB @ 10 feet bgs										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	Tel: / Fax:
	EnviroForensics	

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Hoffmans Valet Cleaners	02-41-307576	SB-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental Services	9/15/2016	9/15/2016	Direct Push

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.3 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NE 1/4 of SW 1/4 of Section 15, T 7 N, R 21 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
241083150	Milwaukee	41	Wauwatosa

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	60 60		0	**(0'-0.3') CONCRETE :** CONCRETE.	CONCRETE									
SB-2 (2-3) GB			1	**(0.3'-1.0') FILL :** FILL, fine to coarse grained Sand, wet, loose.	FILL			341						
			2	**(1.0'-8.0') SILT and CLAY :** Brown, SILT and CLAY, some fine to coarse grained Sand, trace fine to medium grained Gravel, very stiff, moderately platic, slightly moist.										
			3					127						
			4		CL-ML									
	60 60		5					70						
			6	**(1.0'-8.0') SILT and CLAY :** Gray, SILT and CLAY, some fine to coarse grained Sand, trace fine to medium grained Gravel, very stiff, moderately platic, slightly moist.										
			7					97						
			8		CL-ML									
SB-2 (9-10) GB			9					180						
			10	EOB @ 10 feet bgs										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	Tel: / Fax:
	EnviroForensics	

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Hoffmans Valet Cleaners	02-41-307576	SB-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental Services	9/15/2016	9/15/2016	Direct Push

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.3 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NE 1/4 of SW 1/4 of Section 15, T 7 N, R 21 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
241083150	Milwaukee	41	Wauwatosa

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	60 60		0	**(0'-0.3') CONCRETE :** CONCRETE.	CONCRETE									
SB-3 (2-3) GB			1	**(0.3'-5.0') SILT and CLAY :** Brown, SILT and CLAY, some fine to coarse grained Sand, trace fine to medium grained Gravel, very stiff, moderately platic, slightly moist.				142						
			2											
			3		CL-ML			1088						
			4											
	60 60		5	**(0.3'-5.0') SILT and CLAY :** Gray, SILT and CLAY, some fine to coarse grained Sand, trace fine to medium grained Gravel, very stiff, moderately platic, slightly moist.				81						
			6											
			7		CL-ML			29						
			8											
SB-3 (9-10) GB			9					6154						
			10	EOB @ 10 feet bgs										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	Tel: / Fax:
	EnviroForensics	

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Milwaukee	_ _ _ _ _ _ _	

Latitude / Longitude (see instructions): 43.067974 N / -88.002040 W
Format Code: ☒ DD ☐ DDM
Method Code: ☐ GPS008 ☒ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
NE	SW	15	07 N	21 ☒ E ☐ W

or Gov't Lot #

Well Street Address:

Well City, Village or Town: Wauwatosa
Well ZIP Code: 53210
Subdivision Name:
Lot #:

Reason for Removal from Service:
WI Unique Well # of Replacement Well: _ _ _ _ _ _ _

2. Facility / Owner Information

Facility Name: Hoffmans Valet Cleaners Inc
Facility ID (FID or PWS): 241083150
License/Permit/Monitoring #:
Original Well Owner: Ralph Hoffman
Present Well Owner: Natalia Berdnikova
Mailing Address of Present Owner: 7213 W. Center St.
City of Present Owner: Wauwatosa
State: WI
ZIP Code: 53210

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 09/15/2016
If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☒ Driven (Sandpoint) ☐ Dug
☐ Other (specify): _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
10	N/A
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2.3	N/A

Was well annular space grouted? ☐ Yes ☒ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☒ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Concrete	Surface	0.5	0.06 ft³	
Bentonite	0.5	10	1.01 ft³	

6. Comments

SB-1

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Enviro Forensics		09/15/2016

Street or Route	Telephone Number
N16 W23390 Stone Ridge Dr. Ste G	(317) 972-7870

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Waukesha	WI	53188		10/06/2016

DNR Use Only

Date Received	Noted By

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Milwaukee		

Latitude / Longitude (see instructions)	Format Code	Method Code
43.067978 N	☒ DD	☐ GPS008
-88.002694 W	☐ DDM	☒ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
NE	SW	15	07 N	21 ☒ E ☐ W

or Gov't Lot #

Well Street Address

Well City, Village or Town	Well ZIP Code
Wauwatosa	53210

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well

2. Facility / Owner Information

Facility Name: Hoffmans Valet Cleaners Inc

Facility ID (FID or PWS): 241083150

License/Permit/Monitoring #:

Original Well Owner: Ralph Hoffman

Present Well Owner: Natalia Berdnikova

Mailing Address of Present Owner: 7213 W. Center St.

City of Present Owner	State	ZIP Code
Wauwatosa	WI	53210

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 09/15/2016

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☒ Driven (Sandpoint) ☐ Dug
☐ Other (specify): _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
10	N/A

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2.3	N/A

Was well annular space grouted? ☐ Yes ☒ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☒ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Concrete	Surface	0.5	0.06 ft³	
Bentonite	0.5	10	1.01 ft³	

6. Comments

SB-2

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Enviro Forensics		09/15/2016

Street or Route	Telephone Number
N16 W23390 Stone Ridge Dr. Ste G	(317) 972-7870

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Waukesha	WI	53188		10/06/2016

DNR Use Only

Date Received	Noted By

Comments

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Milwaukee	_ _ _ _ _ _ _	

Latitude / Longitude (see instructions)	Format Code	Method Code
43.067966 N	☒ DD	☐ GPS008
-88.002343 W	☐ DDM	☒ SCR002
		☐ OTH001

¼ / ¼	¼	Section	Township	Range
NE	SW	15	07 N	21 ☒ E ☐ W

or Gov't Lot #

Well Street Address

Well City, Village or Town	Well ZIP Code
Wauwatosa	53210
Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
	_ _ _ _ _ _ _

2. Facility / Owner Information

Facility Name: Hoffmans Valet Cleaners Inc

Facility ID (FID or PWS): 241083150

License/Permit/Monitoring #:

Original Well Owner: Ralph Hoffman

Present Well Owner: Natalia Berdnikova

Mailing Address of Present Owner: 7213 W. Center St.

City of Present Owner	State	ZIP Code
Wauwatosa	WI	53210

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 09/15/2016

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☒ Driven (Sandpoint) ☐ Dug
☐ Other (specify): _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
10	N/A
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2.3	N/A

Was well annular space grouted? ☐ Yes ☒ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☒ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Concrete	Surface	0.5	0.06 ft³	
Bentonite	0.5	10	1.01 ft³	

6. Comments

SB-3

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Enviro Forensics		09/15/2016

Street or Route	Telephone Number
N16 W23390 Stone Ridge Dr. Ste G	(317) 972-7870

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Waukesha	WI	53188		10/06/2016

DNR Use Only

Date Received	Noted By

Comments

APPENDIX C

Field Sampling Forms

ENVIRO forensics

Indoor Air Field Sampling Form

602 N. Capitol Avenue, Ste. 210,
Indianapolis, IN 46204
T:317-972-7870 F: 317-972-7875

PROJECT NAME	Hoffmans Cleaners	SAMPLE DATE	9/4/2013
LOCATION/ADDRESS	7215 W Center St	SAMPLE ID	6200-7215.01
PROJECT NO.	6200	SAMPLE TIME	19:35
CLIENT/CONTACT	DNR	CANISTER ID	91442
DATA COLLECTION: START DATE	9/4/2013	~~END DATE~~ Flow #	05252

Time hh:mm	Vaccum Reading In. of H2O	Wind Direction	Wind Speed mph	Temperature °F	Barometer Hg	Relative Humidity %
~~11:00~~	~~-29.5~~					
~~End~~						
11:35	-29.5	West	9.2	78.1	30.08	48
19:35	-8	East Northeast	9.2	68.0	30.10	98

Notes:

ENVIRO forensics

Indoor Air Field Sampling Form

602 N. Capitol Avenue, Ste. 210,
Indianapolis, IN 46204
T:317-972-7870 F: 317-972-7875

PROJECT NAME	Huffman Cleaners	SAMPLE DATE	9/4/2013	
LOCATION/ADDRESS	7215 W Carter St	SAMPLE ID	6200-7015-IA-	
PROJECT NO.	6200	SAMPLE TIME	19:20	
CLIENT/CONTACT	?	CANISTER ID	10332	
DATA COLLECTION: START DATE	9/4/2013	END DATE	05301	

Time	Vaccum Reading	Wind Direction	Wind Speed	Temperature	Barometer	Relative Humidity
hh:mm	In. of H2O		mph	°F	Hg	%
11:20	??	West	9.2	75	30.08	51
19:20	-30	NorthEast	9.2	70	30.09	81

Notes: Regulator Not working properly

-22 = 0 pressure

ENVIRO forensics

Sub-Slab Vapor/ Soil Gas Field Sampling Form

200 S. Executive Dr, Suite 101
Brookfield, WI 53005
T: 414-982-3988 F: 262-789-6699

SAMPLER NAME	J. Jost	SAMPLE ID	6200-7219-SSV-2
LOCATION/ADDRESS	7219 N Center St	SAMPLE TIME	12:45
PROJECT NO./ NAME	6200 Hoffmans	CANISTER ID	83921
CLIENT/CONTACT		FLOW CONTROL ID	—
DATA COLLECTION: START DATE	9/5/2013	END DATE	9/5/2013

Time	Vacuum Reading	Wind Direction	Wind Speed	Temperature	Barometer	Relative Humidity
hh:mm	In. of Hg		mph	°F	Hg	%
12:40	-29	ENE	9.2	66.9	30.30	52
12:45	-10	ENE	9.2	66.9	30.30	52

Helium Leak Test		Pressure Test	
Date/Time performed:	12:25 9/5/2013	Date/Time performed:	/
Background He concentration (ppm):	0	Negative pressure of at least -15 in. Hg induced on sampling train?	
Shroud He concentration (%):	39.7%	(circle one):	(yes) no
Sub-slab vapor/soil-gas He concentration (post helium insertion):	0	Did pressure hold?	(yes) no
Helium Leak Test Passed:	(yes) no		

Notes:

ENVIRO forensics

Sub-Slab Vapor/ Soil Gas Field Sampling Form

200 S. Executive Dr, Suite 101
Brookfield, WI 53005
T: 414-982-3988 F: 262-789-6699

SAMPLER NAME	J. Jordan	**SAMPLE ID**	6200-7219-SSV-1
LOCATION/ADDRESS	7219 W Center St	**SAMPLE TIME**	12:10
PROJECT NO./ NAME	6200 Hoffmans	**CANISTER ID**	88727
CLIENT/CONTACT		**FLOW CONTROL ID**	NA
DATA COLLECTION: START DATE	~~9/4/13~~ 9/5/2013	**END DATE**	9/5/2013

Time	Vacuum Reading	Wind Direction	Wind Speed	Temperature	Barometer	Relative Humidity
hh:mm	In. of Hg		mph	°F	Hg	%
12:05	-27	ENE	11.5	66.9	30.30	51
12:10	-6.5	ENE	11.5	66.9	30.30	51

Helium Leak Test		Pressure Test	
Date/Time performed:	11:50 9/5/2013 /	Date/Time performed:	9/5/2013 /
Background He concentration (ppm):	0	Negative pressure of at least -15 in. Hg induced on sampling train?	
Shroud He concentration (%):	46.2	(circle one):	yes no
Sub-slab vapor/soil-gas He concentration (post helium insertion):	0	Did pressure hold?	yes no
Helium Leak Test Passed:	yes no		

Notes:

ENVIRO forensics

GROUNDWATER SAMPLING FORM

602 N. Capital Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME: Hoffmans | Well/Surface Station I.D.: MW-1

LOCATION/ADDRESS: 7215 W Center St | Sample Designation: 6200-MW-1

PROJECT NO.: 6200 | Date: 9/5/2013

CLIENT/CONTACT: | Personnel: J. Zorda

WATER LEVEL MEASUREMENTS:

Well Depth 19.47 feet
Depth to Water 13.97 feet
Well Diameter 2 inches
Casing Volume 1 gallons
Volume Removed 3 gallons
Total No. of Casing Volumes Removed 3

Factor * Water Column Height Equals Gallons	
Factor	Diameter
0.163	2" Well
0.653	4" Well
1.469	6" Well
Conversions	
1 mL =	0.0003 gal
1 gal =	3,785 mL

SAMPLING METHOD:

Low-Flow
Grab/No-purge
Bailer X
Peristaltic pump
Submersible Pump
Other
Was drawdown greater than 0.3 ft? (y/n)

Stability Parameter Readings: Readings every three minutes for at least three readings to achieve stability for ALL parameters except as noted.

Start Time 16:50	Temperature (Celsius) +/- 3%	pH +/- 0.1	Oxidation-Reduction Potential (mV) +/- 10mV*	Specific Conductance (umhos/cm) +/- 3%	Turbidity (NTU) +/- 10%*	Dissolved Oxgen (mg/L) +/- 10%*	DTW (ft) <0.3ft	Flow Rate (ml/min) ~250	9 gal Removed
11:00	16.09	7.00	88	7.24	375	10.06	14.67		1
11:10	15.50	7.16	100	7.29	801	7.24	16.21		1
11:20	14.92	7.04	100	7.34	>800	6.68	18.80		1

* Only one (1) of these need to reach stability.

SAMPLING: Date 9/5/2013 Time 11:30

Sample Analysis	Volume	Type	Number of Containers	Preservative Type	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOCs	40ml	Voa	3	HCl	N	N	N	N

EQUIPMENT DECONTAMINATION PROCEDURES:

DECONTAMINATION METHOD:
☒ Non Phosphatic detergent wash/distilled water rinse
☐ Methanol rinse

NOTES: Significant Drawdown

Sampler Signature:

ENVIRO forensics

GROUNDWATER SAMPLING FORM

602 N. Capital Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME: Hoffmans | Well/Surface Station I.D.: MW-2

LOCATION/ADDRESS: 715 W. Center St Waunatosa WI | Sample Designation: 6200 - MW-2

PROJECT NO.: 6200 | Date: 9/5/2013

CLIENT/CONTACT: | Personnel: J. Jordan

WATER LEVEL MEASUREMENTS:

Well Depth 19.48 feet
Depth to Water 15.46 feet
Well Diameter 2 inches
Casing Volume 0.66 gallons
Volume Removed 2 gallons
Total No. of Casing Volumes Removed 3

Factor * Water Column Height Equals Gallons	
Factor	Diameter
0.163	2" Well
0.653	4" Well
1.469	6" Well
Conversions	
1 mL =	0.0003 gal
1 gal =	3,785 mL

SAMPLING METHOD:

Low-Flow
Grab/No-purge
Bailer T
Peristaltic pump
Submersible Pump
Other
Was drawdown greater than 0.3 ft? (y/n)

Stability Parameter Readings: Readings every three minutes for at least three readings to achieve stability for ALL parameters except as noted.

Start Time 9:50	Temperature (Celsius) +/- 3%	pH +/- 0.1	Oxidation-Reduction Potential (mV) +/- 10mV*	Specific Conductance (umhos/cm) +/- 3%	Turbidity (NTU) +/- 10%*	Dissolved Oxgen (mg/L) +/- 10%*	DTW (ft) <0.3ft	Flow Rate (ml/min) <250	gal ~~ml~~ Removed
10:00	15.40	7.35	-90	0.896	NA	8.75	16.23		0.66
10:10	14.69	7.25	-72	0.881	NA	7.22	18.16		0.66
10:20	14.45	7.33	-72	0.966	NA	6.03	19.21		0.66

* Only one (1) of these need to reach stability.

SAMPLING: Date 9/5/2013 Time 10:30

Sample Analysis	Volume	Type	Number of Containers	Preservative Type	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOCs	40ml	Vial	3	HCl	N	N	Y	N

EQUIPMENT DECONTAMINATION PROCEDURES:

DECONTAMINATION METHOD:
☒ Non Phosphatic detergent wash/distilled water rinse
☐ Methanol rinse

NOTES: DUP Collected Here

Sampler Signature: Jonathan Jordan

ENVIRO forensics

GROUNDWATER SAMPLING FORM

602 N. Capital Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

9/4/2013

PROJECT NAME: Hoffmann Cleaners — Well/Surface Station I.D.: ~~MW-3~~ 99 MW-3

LOCATION/ADDRESS: 7215 W. Center St Wauwatosa WI — Sample Designation: 6200-MW-3

PROJECT NO.: 6200 — Date: 9/5/2013

CLIENT/CONTACT: ? — Personnel: J. Jordan

WATER LEVEL MEASUREMENTS:

Well Depth	19.54 feet
Depth to Water	16.57 feet
Well Diameter	2 inches
Casing Volume	0.49 gallons
Volume Removed	1.5 gallons
Total No. of Casing Volumes Removed	3

Factor * Water Column Height Equals Gallons	
Factor	Diameter
0.163	2" Well
0.653	4" Well
1.469	6" Well
Conversions	
1 mL =	0.0003 gal
1 gal =	3,785 mL

SAMPLING METHOD:

Low-Flow	
Grab/No-purge	
Bailer	Y
Peristaltic pump	
Submersible Pump	
Other	
Was drawdown greater than 0.3 ft? (y/n)	

Stability Parameter Readings:

Readings every three minutes for at least three readings to achieve stability for ALL parameters except as noted.

Start Time	Temperature (Celsius) +/- 3%	pH +/- 0.1	Oxidation-Reduction Potential (mV) +/- 10mV*	Specific Conductance (umhos/cm) +/- 3%	Turbidity (NTU) +/- 10%*	Dissolved Oxgen (mg/L) +/- 10%*	DTW (ft) <0.3ft	Flow Rate (ml/min) <250	mL Removed
~~9:25~~ 9:00	15.77	6.75	32	1.69	250	3.33	~~16.57~~ 16.59		0.5 gal
9:30	14.51	7.38	43	1.68	355	9.59	18.17		0.5
9:30	14.08	7.18	79	1.70	380	7.08	19.01		0.5

* Only one (1) of these need to reach stability.

SAMPLING:

Date 9/5/2013 Time 9:40

Sample Analysis	Volume	Type	Number of Containers	Preservative Type	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOCs	40ml	Voa	3	HCl	N	?	N	N

EQUIPMENT DECONTAMINATION PROCEDURES:

DECONTAMINATION METHOD:
- [x] Non Phosphatic detergent wash/distilled water rinse
- [ ] Methanol rinse

NOTES: Scope said to use bailer. ~~Drawdown not significant~~ Switch to ~~parastaltic~~ Peristaltic pump

Sampler Signature:

ENVIRO forensics

Indoor Air Field Sampling Form

N16 W23390 Stone Ridge Drive, Suite G
Waukesha, WI 53188
T: 414-982-3988 F: 317-972-7875

SAMPLER NAME	J. Jordan	SAMPLE ID	6200-7219-OA
LOCATION/ADDRESS	7215 Center	SAMPLE TIME	16:10
PROJECT NO./ NAME	Hoffman 6200	CANISTER ID	16026
CLIENT/CONTACT	Ralph Hoffman	FLOW CONTROL ID	05219
DATA COLLECTION: START DATE	2/19/14	END DATE	2/19/14

Time (hh:mm)	Vaccum Reading (in. of H_2O)	Wind Direction	Wind Speed (mph)	Temperature (°F)	Barometer (Hg)	Relative Humidity (%)
8:15	-28	WNW	11.5	34°F	29.83	70
16:10	-11.5	SW	10.4	44.1	29.96	40

Notes:

ENVIRO forensics

Indoor Air Field Sampling Form

602 N. Capitol Avenue, Ste. 210,
Indianapolis, IN 46204
T:317-972-7870 F: 317-972-7875

PROJECT NAME	Hoffmans	SAMPLE DATE	2/19/2014
LOCATION/ADDRESS	7219 Center	SAMPLE ID	6200-7219-SS IA
PROJECT NO.	6200	SAMPLE TIME	16:00
CLIENT/CONTACT	Ralph Hoffman	CANISTER ID	15560 / 05713 ← Flow
DATA COLLECTION: START DATE	2/19/2014	END DATE	2/19/14

Time	Vaccum Reading	Wind Direction	Wind Speed	Temperature	Barometer	Relative Humidity
hh:mm	In. of H2O		mph	°F	Hg	%
8:05	-27	WNW	11.5	34	29.83	70
16:00	-0.2	SW	10.4	44.1	29.96	40

Notes:

ENVIRO forensics

Sub-Slab Vapor/ Soil Gas Field Sampling Form

N16 W23390 Stone Ridge Drive, Suite G
Waukesha, WI 53188
T: 414-982-3988 F: 317-972-7875

SAMPLER NAME	J. Jordan	SAMPLE DATE	2/20/14
PROJECT NAME	6200 - Hoffmans	SAMPLE ID	6200-7219-SSV-1
LOCATION/ADDRESS	7219 Center	SAMPLE TIME	11:30
PROJECT NO.	6200	CANISTER ID	853679
CLIENT/CONTACT	Ralph Hoffman	FLOW CONTROL ID	NA

Time	Vacuum Reading	Wind Direction	Wind Speed	Temperature	Barometer	Relative Humidity
hh:mm	In. of Hg		mph	°F	Hg	%
11:25	-30	East	21.9	34	29.62	92
11:30	-10	East	21.9	34	29.62	92

Helium Leak Test		Negative Pressure Test	
Date/Time performed: 2/20/14 11:20	/	Date/Time performed: 2/20/14 11:15+	
Background He concentration (ppm):	0	Negative pressure of at least -15 in. Hg induced on sampling train?	
Shroud He concentration (%):	42.4	(circle one):	(yes) no
Sub-slab vapor/soil-gas He concentration (post helium insertion):	0	Did pressure hold?	(yes) no
Helium Leak Test Passed:	(yes) no		

Notes:

ENVIRO forensics

Sub-Slab Vapor/ Soil Gas Field Sampling Form

N16 W23390 Stone Ridge Drive, Suite G
Waukesha, WI 53188
T: 414-982-3988 F: 317-972-7875

SAMPLER NAME	J. Jordan	SAMPLE DATE	2/20/14
PROJECT NAME	Hoffmans	SAMPLE ID	6200-7219-SSV-2
LOCATION/ADDRESS	7219- Center	SAMPLE TIME	10:50
PROJECT NO.	6200	CANISTER ID	A8047
CLIENT/CONTACT	Ralph Hoffman	FLOW CONTROL ID	NA

Time	Vacuum Reading	Wind Direction	Wind Speed	Temperature	Barometer	Relative Humidity
hh:mm	In. of Hg		mph	°F	Hg	%
10:45	-28.5	SE East	20.7	34	29.42	92
10:50	-10	East	19.6	34	29.44	92

Helium Leak Test		Negative Pressure Test	
Date/Time performed:	10:43 2/20/14	Date/Time performed:	10:40 2/20/14
Background He concentration (ppm):	0	Negative pressure of at least -15 in. Hg induced on sampling train?	
Shroud He concentration (%):	12.6%	(circle one):	(yes) no
Sub-slab vapor/soil-gas He concentration (post helium insertion):	0	Did pressure hold?	(yes) no
Helium Leak Test Passed:	(yes) no		

Notes:

ENVIRO forensics

Sub-Slab Vapor/ Soil Gas Field Sampling Form

N16 W23390 Stone Ridge Drive, Suite G
Waukesha, WI 53188
T: 414-982-3988 F: 317-972-7875

SAMPLER NAME	J. Jordan	SAMPLE DATE	2/20/14
PROJECT NAME	Hoffmans	SAMPLE ID	6200-7215-SSV-1
LOCATION/ADDRESS	7215 Center	SAMPLE TIME	13:27
PROJECT NO.	6200	CANISTER ID	520
CLIENT/CONTACT		FLOW CONTROL ID	NA

Time	Vacuum Reading	Wind Direction	Wind Speed	Temperature	Barometer	Relative Humidity	
hh:mm	In. of Hg		mph	°F	Hg	%	
13:22	-23	East	19.4	34	29.51	~~19.4~~	92
13:27	-10	East	18.4	31	29.48	~~18.4~~	92

Helium Leak Test		Negative Pressure Test	
Date/Time performed:	2/20/14 13:26 /	Date/Time performed:	2/20/14 /
Background He concentration (ppm):	0	Negative pressure of at least -15 in. Hg induced on sampling train?	
Shroud He concentration (%):	56.1	(circle one):	(yes) no
Sub-slab vapor/soil-gas He concentration (post helium insertion):	0	Did pressure hold?	(yes) no
Helium Leak Test Passed:	(yes) no		

Notes:

ENVIRO forensics

Sub-Slab Vapor/ Soil Gas Field Sampling Form

N16 W23390 Stone Ridge Drive, Suite G
Waukesha, WI 53188
T: 414-982-3988 F: 317-972-7875

SAMPLER NAME	J. Jordan	SAMPLE DATE	2/20/2014
PROJECT NAME	~~Hoffmann~~	SAMPLE ID	6200-7215-SSV-2
LOCATION/ADDRESS	7215 Center	SAMPLE TIME	14:00
PROJECT NO.	6200	CANISTER ID	J1709
CLIENT/CONTACT		FLOW CONTROL ID	NA

Time	Vacuum Reading	Wind Direction	Wind Speed	Temperature	Barometer	Relative Humidity
hh:mm	In. of Hg		mph	°F	Hg	%
13:55	-28	East	18.4	34	29.51	92
14:00	-7	East	19.6	34	29.48	~~98~~ 96

Helium Leak Test			Negative Pressure Test		
Date/Time performed:	13:52	2/20/14	Date/Time performed:	13:52	2/20/14
Background He concentration (ppm):		0	Negative pressure of at least -15 in. Hg induced on sampling train?		
Shroud He concentration (%):		47.8	(circle one):	(yes)	no
Sub-slab vapor/soil-gas He concentration (post helium insertion):		0	Did pressure hold?	(yes)	no
Helium Leak Test Passed:	(yes)	no			

Notes:

ENVIROforensics

602 N. Capitol Avenue, Ste. 210,
Indianapolis, IN 46204
T:317-972-7870 F: 317-972-7875

Sub-Slab Vapor Field Sampling Form

PROJECT NO.	6200	SAMPLE ADDRESS	7215 W. Center St. Wauwatosa WI
PROJECT NAME	Former Hoffman's Valet Cleaners	SAMPLE ID	6200-7215-SSV-1
SITE ADDRESS	7215 W. Center St, Wauwatosa, WI	CANISTER ID	2539
CLIENT/ CONTACT	Ralph Hoffman	FLOW CONTROLLER ID	N/A

Date Start/End	Time	Vacuum Reading	Wind Direction	Wind Speed	Temperature	Barometric Pressure	Relative Humidity
mm/dd/yyyy	hh:mm	In. of Hg		mph	°F	In. of Hg	%
09/15/2016	1415	-29	SE	5-15	73	30.20	53
09/16/2016	1420	-2					

Negative Pressure Test			Water Dam Leak Test		
Date/Time performed:	09/15/16		Date/Time performed:	09/15/16	
Negative pressure of at least -15 in. Hg induced on sampling train?	(yes)	no	Air bubbles observed?:	yes	(no)
Did pressure hold?	(yes)	no	Water level drop?:	yes	(no)
Sub-slab Vapor Pressure Reading			Water present in the tubing during purging?	yes	(no)
Date/Time performed: 09/15/16	Pressure (in. H2O): 0		Water Dam Leak Test Passed:	(yes)	no

Notes:

N. Side @ TP-1

ENVIROforensics

Sub-Slab Vapor Field Sampling Form

602 N. Capitol Avenue, Ste. 210,
Indianapolis, IN 46204
T:317-972-7870 F: 317-972-7875

PROJECT NO.	6200	SAMPLE ADDRESS	7215 W. Center St. Wauwatosa WI
PROJECT NAME	Former Hoffman's Valet Cleaners	SAMPLE ID	6200-7215-SSV-2
SITE ADDRESS	7215 W. Center St, Wauwatosa, WI	CANISTER ID	83946
CLIENT/ CONTACT	Ralph Hoffman	FLOW CONTROLLER ID	N/A

Date Start/End	Time	Vacuum Reading	Wind Direction	Wind Speed	Temperature	Barometric Pressure	Relative Humidity
mm/dd/yyyy	hh:mm	In. of Hg		mph	°F	In. of Hg	%
09/15/16	1430	-29	SE	5-15	73	30.20	53
09/15/16	1436	-2					

Negative Pressure Test		Water Dam Leak Test	
Date/Time performed:	09/15/16	Date/Time performed:	09/15/16
Negative pressure of at least -15 in. Hg induced on sampling train?	(yes) no	Air bubbles observed?:	yes (no)
Did pressure hold?	(yes) no	Water level drop?:	yes (no)
Sub-slab Vapor Pressure Reading		Water present in the tubing during purging?	yes (no)
Date/Time performed: 09/15/16	Pressure (in. H2O):	Water Dam Leak Test Passed:	(yes) no

Notes:

S. Slab @ TP-3

PPB Reading 867

ENVIRO forensics

602 N. Capitol Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME: Former Hoffman's Valet Cleaners
LOCATION/ADDRESS: 7215 W. Center St. Wauwatosa, WI
PROJECT NO.: 6200
CLIENT/CONTACT: Ralph Hoffman

Well ID: MW-1
Sample ID: 6200-MW-1
Screened Interval: 10-20
Sampler (print): K. Heimstead

Pump Placement:
- If water level is above top of well screen, place pump in middle of well screen.
-If water level is below top of well screen, place pump in middle of water column.

WATER LEVEL MEASUREMENTS DURING GAUGING:

Well Depth: 20.00 feet
Depth to Water: 13.85 feet
Well Diameter: 2 inches
Casing Volume: 1.0 gallons
Volume Removed: 1.5 gallons
tal No. of Casing Volumes Removed: 1.5
Date: 09/15/2016

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well

SAMPLING METHOD:

Low-Flow: X
Grab/No-purge:
Bailer[1]:
Peristaltic pump: X
Submersible Pump:
Passive Diffusion Bag[2]:
Other:
Pump Depth (ft below TOC) (if applicable):

Stability Readings: Collect readings every 3 to 5 minutes for a minimum of 20 minutes and no less than 5 readings. If not equilibrated after 40 minutes, call PM.

	MUST BE STABLE			AT LEAST ONE MUST BE STABLE					
Time	Temperature (Celsius) +/- 3%	pH (S.U.) +/- 0.1	Specific Conductance (umSi/cm) +/- 3%	Oxidation-Reduction Potential (mV) +/- 10mV	Turbidity (NTU) <100 and +/- 10%	Dissolved Oxgen (mg/L) +/- 10%	Sampling DTW (ft) <.0.3ft	Flow Rate (ml/min) <250	mL Removed
9:17	18.16	7.30	7.69	53	156	3.23	14.18	~150	750
9:23	17.49	7.20	7.79	43	30.3	2.70	14.33	~150	1500
9:28	17.34	7.20	7.77	44	10.3	2.54	14.54	~150	2250
	- Drawdown		>0.3'	Purged dry					
	Recharged @		~0.01' per	80sec					

PURGE[1]: START Date 09/15/2016 Time 9:12
SAMPLING: FINISH Date 09/15/2016 Time 9:45

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40mL	VOA	6	N	N/A	Dup-1	—

NOTES:

Sampler Signature: [signature] **Date:** 09/15/2016

1. Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery of water in the well. Record the time of purging and the time of sampling on the Groundwater Sampling Form.

2. Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.

ENVIRO forensics

602 N. Capitol Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME: Former Hoffman's Valet Cleaners
LOCATION/ADDRESS: 7215 W. Center St. Wauwatosa, WI
PROJECT NO.: 6200
CLIENT/CONTACT: Ralph Hoffman

Well ID: MW-2
Sample ID: 6200-MW-2
Screened Interval: 9.73-19.73
Sampler (print): K. Heimstead

Pump Placement:
- If water level is above top of well screen, place pump in middle of well screen.
-If water level is below top of well screen, place pump in middle of water column.

WATER LEVEL MEASUREMENTS DURING GAUGING:

Well Depth 19.73 feet
Depth to Water 15.09 feet
Well Diameter 2 inches
Casing Volume 0.76 gallons
Volume Removed 1.5 gallons
tal No. of Casing Volumes Removed 1.9
Date 09/15/2016

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well

SAMPLING METHOD:

Low-Flow: X
Grab/No-purge:
Bailer[1]:
Peristaltic pump: X
Submersible Pump:
Passive Diffusion Bag[2]:
Other:
Pump Depth (ft below TOC) (if applicable):

Stability Readings: Collect readings every 3 to 5 minutes for a minimum of 20 minutes and no less than 5 readings. If not equilibrated after 40 minutes, call PM.

	MUST BE STABLE			AT LEAST ONE MUST BE STABLE					
Time	Temperature (Celsius) +/- 3%	pH (S.U.) +/- 0.1	Specific Conductance (umSi/cm) +/- 3%	Oxidation-Reduction Potential (mV) +/- 10mV	Turbidity (NTU) <100 and +/- 10%	Dissolved Oxgen (mg/L) +/- 10%	Sampling DTW (ft) <.0.3ft	Flow Rate (ml/min) <250	mL Removed
1010	17.31	7.77	2.12	-57	53.7	1.04	15.32	~150	750
1015	16.15	7.42	1.95	-74	14.0	0.94	15.52	~150	1500
1020	15.49	7.44	1.94	-67	10.2	1.24	15.91	~150	2250
	Drawdown >0.3'; Purged dry at recharge to sample								

PURGE[1]: START Date 09/15/2016 Time 1005
SAMPLING: FINISH Date 09/15/2016 Time 1030

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40mL	VOA	3	N	N/A	-	-

NOTES:

Sampler Signature: Date:

1. Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery of water in the well. Record the time of purging and the time of sampling on the Groundwater Sampling Form.

2. Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.

ENVIROforensics
602 N. Capitol Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME: Former Hoffmans Valet Cleaners
LOCATION/ADDRESS: 7215 W. Center St. Wauwatosa, WI
PROJECT NO.: 6200
CLIENT/CONTACT: Ralph Hoffman

Well ID: MW-3
Sample ID: 6200-MW-3
Screened Interval: 9.79 - 19.79
Sampler (print): K. Heimstead

Pump Placement:
- If water level is above top of well screen, place pump in middle of well screen.
-If water level is below top of well screen, place pump in middle of water column.

WATER LEVEL MEASUREMENTS DURING GAUGING:

Well Depth 19.79 feet
Depth to Water 15.13 feet
Well Diameter 2 inches
Casing Volume 0.76 gallons
Volume Removed 2 gallons
tal No. of Casing Volumes Removed 2.6
Date 09/15/2016

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well

SAMPLING METHOD:

Low-Flow X
Grab/No-purge
Bailer[1]
Peristaltic pump X
Submersible Pump
Passive Diffusion Bag[2]
Other
Pump Depth (ft below TOC) (if applicable)

Stability Readings: Collect readings every 3 to 5 minutes for a minimum of 20 minutes and no less than 5 readings. If not equilibrated after 40 minutes, call PM.

	MUST BE STABLE			AT LEAST ONE MUST BE STABLE					
Time	Temperature (Celsius) +/- 3%	pH (S.U.) +/- 0.1	Specific Conductance (umSi/cm) +/- 3%	Oxidation-Reduction Potential (mV) +/- 10mV	Turbidity (NTU) <100 and +/- 10%	Dissolved Oxgen (mg/L) +/- 10%	Sampling DTW (ft) <.0.3ft	Flow Rate (ml/min) <250	mL Removed
1045	16.95	7.35	2.02	-19	15.0	0.97	15.51	~150	750
1050	16.86	7.26	1.97	-8	13.8	0.80	15.73	~150	1500
	Drawdown 20.3'; Purged dry; Let recharge & Sampl								

PURGE[1]: START Date 09/15/2016 Time 1040
SAMPLING: FINISH Date 09/15/2016 Time

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40mL	VOA	3	N	N/A	-	-

NOTES:

Sampler Signature: [signature] **Date:**

1. Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery of water in the well. Record the time of purging and the time of sampling on the Groundwater Sampling Form.

2. Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.

ENVIRO forensics

Soil Gas Vapor Field Sampling Form

602 N. Capitol Avenue, Ste. 210,
Indianapolis, IN 46204
T:317-972-7870 F: 317-972-7875

PROJECT NO.	6200	SAMPLE ADDRESS	
PROJECT NAME	Former Hoffman's Valet Cleaners	SAMPLE ID	6200-SG-2
SITE ADDRESS	7215 W. Center St., Wauwatosa WI	CANISTER ID	53814
CLIENT/ CONTACT	Ralph Hoffman	FLOW CONTROLLER ID	N/A

Date Start/End	Time	Vacuum Reading	Wind Direction	Wind Speed	Temperature	Barometric Pressure	Relative Humidity
mm/dd/yyyy	hh:mm	In. of Hg		mph	°F	In. of Hg	%
09/15/2016	1240	-29	4E	5-15	72	30.21	57
09/15/2016	1248	-2					

Negative Pressure Test		
Negative pressure of at least -15 in. Hg induced on sampling train?	(yes)	no
Did pressure hold?	(yes)	no

Helium Leak Test	
Date/Time performed:	9/15/16
Background He concentration (ppm):	0
Shroud He concentration (%):	52.1
Soil-gas He concentration (post helium insertion):	0
Helium Leak Test Passed: (yes) / no	

Notes:

PPB Reading 3005

ENVIRO forensics

Soil Gas Vapor Field Sampling Form

602 N. Capitol Avenue, Ste. 210,
Indianapolis, IN 46204
T:317-972-7870 F: 317-972-7875

PROJECT NO.	6200	SAMPLE ADDRESS	
PROJECT NAME	Former Hoffmans Valet Cleaners	SAMPLE ID	6200-SG-3
SITE ADDRESS	7215 W. Center St, Wauwatosa WI	CANISTER ID	2222
CLIENT/ CONTACT	Ralph Hoffman	FLOW CONTROLLER ID	N/A

Date Start/End	Time	Vacuum Reading	Wind Direction	Wind Speed	Temperature	Barometric Pressure	Relative Humidity
mm/dd/yyyy	hh:mm	In. of Hg		mph	°F	In. of Hg	%
09/15/2016	1305	-29	SE	5-15	72	30.21	57
09/15/2016	1310	-2					

Negative Pressure Test		
Negative pressure of at least -15 in. Hg induced on sampling train?	yes	no
Did pressure hold?	yes	no

Helium Leak Test	
Date/Time performed:	9/15/16
Background He concentration (ppm):	0
Shroud He concentration (%):	54.8
Soil-gas He concentration (post helium insertion):	0
Helium Leak Test Passed: (yes) / no	

Notes:
PPB Reading 2378

ENVIROforensics

Soil Gas Vapor Field Sampling Form

602 N. Capitol Avenue, Ste. 210,
Indianapolis, IN 46204
T:317-972-7870 F: 317-972-7875

PROJECT NO.	6200	SAMPLE ADDRESS	
PROJECT NAME	Former Hoffman's Valet Cleaners	SAMPLE ID	6200-SG-4
SITE ADDRESS	7215 W. Center St., Wauwatosa WI	CANISTER ID	83738
CLIENT/ CONTACT	Ralph Hoffman	FLOW CONTROLLER ID	N/A

Date Start/End	Time	Vacuum Reading	Wind Direction	Wind Speed	Temperature	Barometric Pressure	Relative Humidity
mm/dd/yyyy	hh:mm	In. of Hg		mph	°F	In. of Hg	%
09/15/2016	1320	-29	SE	5-15	72	30.21	57
09/15/2016	1326	-2					

Negative Pressure Test		
Negative pressure of at least -15 in. Hg induced on sampling train?	(yes)	no
Did pressure hold?	(yes)	no

Helium Leak Test	
Date/Time performed:	9/15/16
Background He concentration (ppm):	0
Shroud He concentration (%):	51.8
Soil-gas He concentration (post helium insertion):	0
Helium Leak Test Passed: (yes) / no	

Notes:

PPB Reading

ENVIRO forensics

Sub-slab Vapor Field Sampling Form

825 N. Capitol Avenue
Indianapolis, IN 46204
T:317-972-7870 F: 317-972-7875

PROJECT NAME	Fromer Hoffman's Valet Cleaners	**SAMPLE DATE**	11/16/2016
LOCATION/ADDRESS	7215 W Center St. Wauwatosa, WI	**SAMPLE ID**	6200-7215-SSV- 2
PROJECT NO.	6200	**SAMPLE TIME**	10:55 – 11:00
CLIENT/CONTACT		**CANISTER ID**	2097
DATA COLLECTION: START DATE	11/16/2016	**END DATE**	11/16/2016

Time	Vacuum Reading	Wind Direction	Wind Speed	Temperature	Barometer	Relative Humidity
hh:mm	In. of Hg		mph	°F	Hg	%
10:55	-28	E SE	3	51	29.95 ↓	72
11:00	-3					

Water Dam Leak Test			Negative Pressure Test		
Date/Time performed:	11/16/2016		Date/Time performed:	11-16-2016	
Air bubbles observed?:	yes	(no)	Negative pressure of at least -15 in. Hg induced on sampling train?	(yes)	no
Water level drop?:	yes	(no)	Did pressure hold?	(yes)	no
Water present in the tubing during purging?	yes	(no)	**Sub-slab Vapor Pressure Reading**		
Water Dam Leak Test Passed:	(yes)	no	Date/Time performed:	—	Pressure (in. H2O): —

Notes:

ENVIRO forensics

Sub-slab Vapor Field Sampling Form

825 N. Capitol Avenue
Indianapolis, IN 46204
T:317-972-7870 F: 317-972-7875

PROJECT NAME	Fromer Hoffman's Valet Cleaners	**SAMPLE DATE**	11/16/2016
LOCATION/ADDRESS	7215 W Center St. Wauwatosa, WI	**SAMPLE ID**	6200-7215-SSV-1
PROJECT NO.	6200	**SAMPLE TIME**	1125 - 1130
CLIENT/CONTACT		**CANISTER ID**	83942
DATA COLLECTION: START DATE	11/16/2016	**END DATE**	11/16/2016

Time	Vacuum Reading	Wind Direction	Wind Speed	Temperature	Barometer	Relative Humidity
hh:mm	In. of Hg		mph	°F	Hg	%
11:25	-27	E SE	3	~~72~~	29.95 ↓	72
11:30	-3			51°		

Water Dam Leak Test			Negative Pressure Test		
Date/Time performed:	11/16/2016		Date/Time performed:	11-16-2016	
Air bubbles observed?:	yes	(no)	Negative pressure of at least -15 in. Hg induced on sampling train?	(yes)	no
Water level drop?:	yes	(no)	Did pressure hold?	(yes)	no
Water present in the tubing during purging?	yes	(no)	**Sub-slab Vapor Pressure Reading**		
Water Dam Leak Test Passed:	(yes)	no	Date/Time performed:	Pressure (in. H2O):	

Notes:

APPENDIX D

Waste Manifest

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	414-236-1083	120201

GENERATOR

5. Generator's Name and Mailing Address

Att: Ralph Hoffman

Hoffman Valet Cleaners
7215 West Center Street
Wauwatosa WI 53213

Generator's Phone: 480 451-6110

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name — U.S. EPA ID Number

Badger Disposal of WI., Inc. — WID988580056

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Badger Disposal of WI, Inc.
5611 West Hemlock Street
Milwaukee WI 53223

Facility's Phone: 414 760-9175

WID988580056

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-regulated material	001	DM	055	G	NONE
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

1)(L) WS034502, purge water Emergency Contact: Badger Disposal 414-236-1083

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Wayne Fassbender — Agent to owner — Signature — Month 12 Day 02 Year 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: MICHAEL SHEPHERD — Signature — Month 12 Day 02 Year 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☒ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Raymond Wesmoppon — Signature — Month 12 Day 3 Year 13

6-NHM-C-C-11

2-DESIGNATED FACILITY TO GENERATOR

APPENDIX E

Vapor Mitigation System Installation Report

VAPOR PROTECTION SERVICES

TABLE OF CONTENTS

Prepared for:
Mr. Rob Hoverman & Mr. Brian Kappen
EnviroForensics

Hoffman Cleaners
7215 W. Center St.
Wauwatosa, WI

Table of Contents

Type of Documentation ***Page Numbers***

VAPOR PROTECTION SERVICES

INSTALLATION REPORT

March 4, 2015

VPS Proposal No. 201404082
Sub-Slab Depressurization System (SSDS)
with Supplemental Remediation
Hoffman's Cleaners
7215 W. Center St.
Wauwatosa, WI 53210

Mr. Rob Hoverman & Mr. Brian Kappen
EnviroForensics
23390 Stone Ridge Dr., Suite G
Waukesha, WI 53188
(262) 510-0612

Vapor Mitigation System Installation Report
7215 W. Center St.
Wauwatosa, WI 53210

Date of SSDS Installation: February 3 -5, 2015

Vapor Protection Services (VPS) is pleased to provide a Vapor Mitigation System Installation Report that summarizes the scope of services performed at 7215 W. Center St., Wauwatosa, WI (Site). The scope of services performed at the Site is detailed in VPS Proposal No. 201404082 and is noted below.

Scope of Service:

- VPS utilized a sub-slab depressurization system (SSDS) and RadonAway Model GP501 Fan to depressurize the soil beneath concrete slab to meet performance criteria.

- The SSDS utilizes (2) Extraction points, approximately 140' of 4 inch schedule 40 PVC piping, and (1) model GP501 with (2) magnehelic gauges.

- The fan was hardwired to a dedicated circuit breaker in an existing electrical panel with dedicated on/off switches located next to the mitigation fan.

- Run Time meter was installed.

Please Note:

- A figure depicting the SSDS layout is included as **Figure 1**.
- Photos taken during the installation have been included as **Attachment 1**.
- VPS's radon mitigation certification is included as **Attachment 2**.
- VI Mitigation Installation Checklist is included as **Attachment 3**.
- O & M manual is included as **Attachment 4**.
- Annual Operating Costs is included as **Attachment 5**.
- RadonAway fan 5 year warranty is included as **Attachment 6.**
- MSDS sheet is included as **Attachment 7**.

Conclusion:

VPS submits this report as written and visual documentation that the contracted work scope for vapor mitigation as detailed in Proposal No. 201404082 was successfully completed to the approval of EnviroForensics at Site. Please do not hesitate to contact me with any questions you might have regarding this report.

Respectfully Submitted,

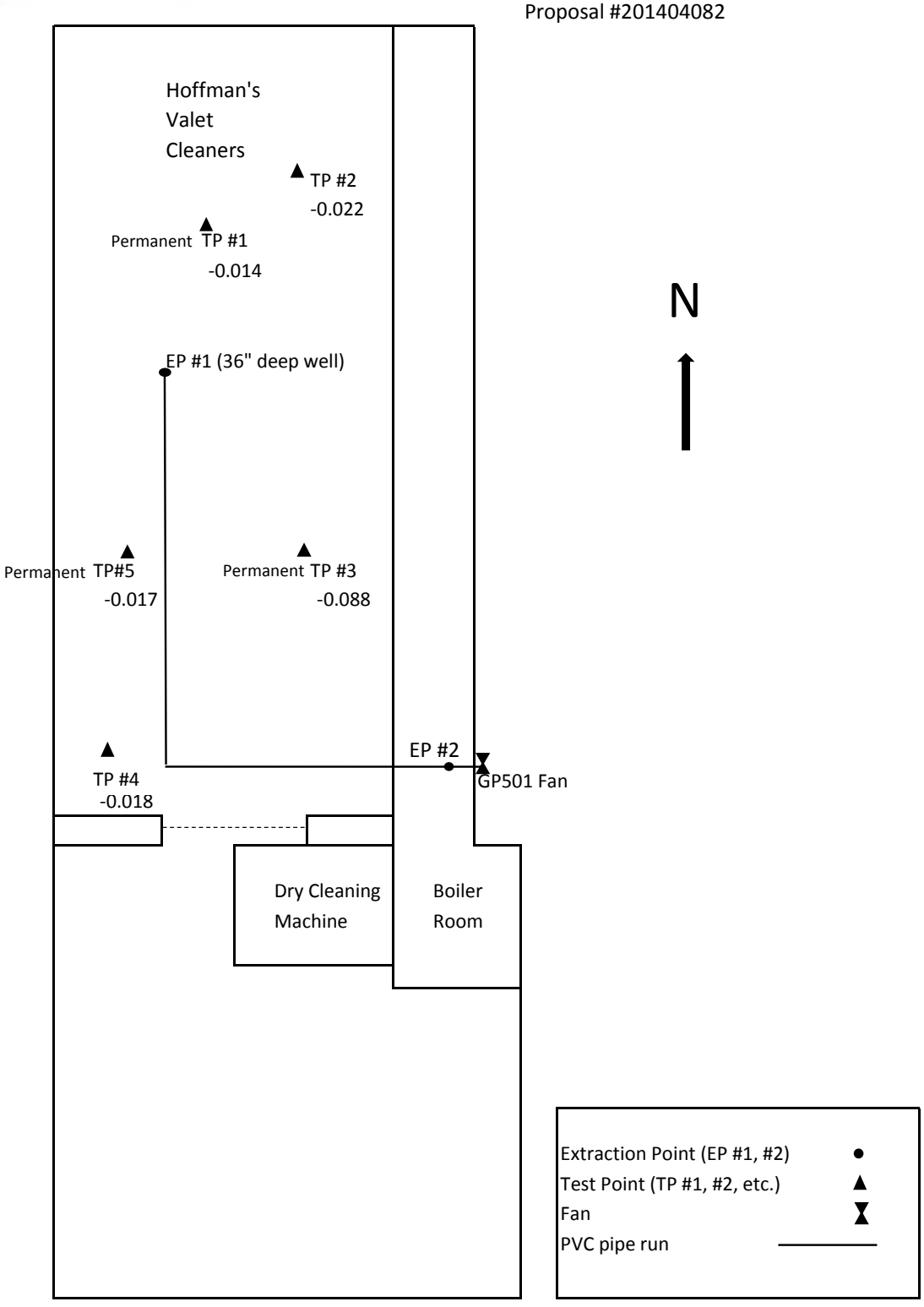
Nick Martinez
Director of Technical Services
nick@vaporprotection.com
Vapor Protection Services®
6544 Ferguson Street
Indianapolis, IN 46220
317.252.5295
www.vaporprotection.com
NRPP Certification #106792 RMT
Indiana Mitigator License #RTM 00633
Indianapolis Contractor License #0555673

Figure 1
System Layout

VAPOR PROTECTION SERVICES®

EnviroForensics
Brian Kappen/ Rob Hoverman
Hoffman Cleaner's
7215 W. Center St.
Wauwatosa, WI

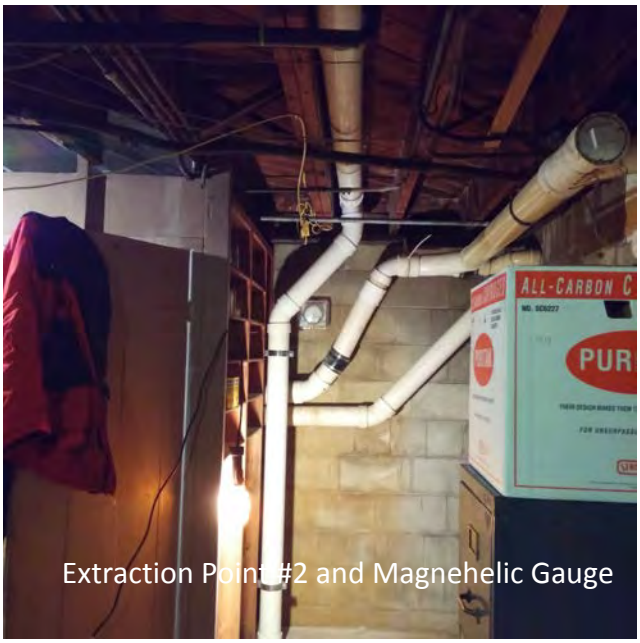
Proposal #201404082



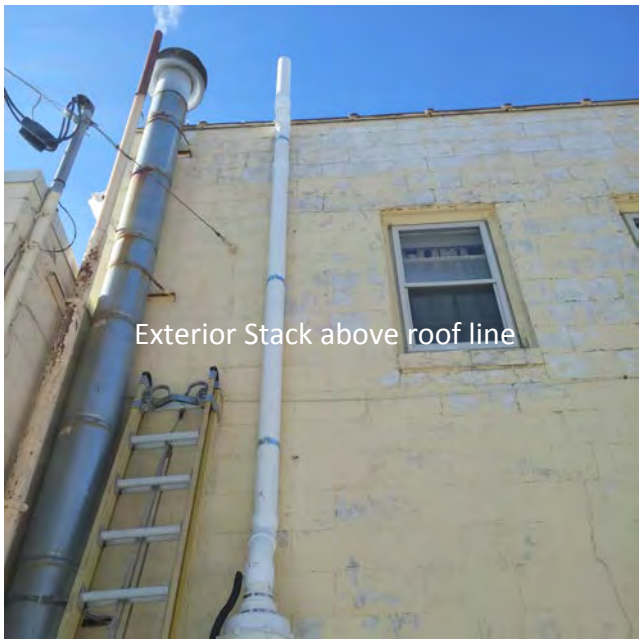
Attachment 1
Installation Photos

Extraction Point #1 (36" deep well)

Extraction Point #1 and Magnehelic Gauge



Extraction Point #2 and Magnehelic Gauge



Exterior Stack above roof line

Attachment 1 (cont'd)
Installation Photos

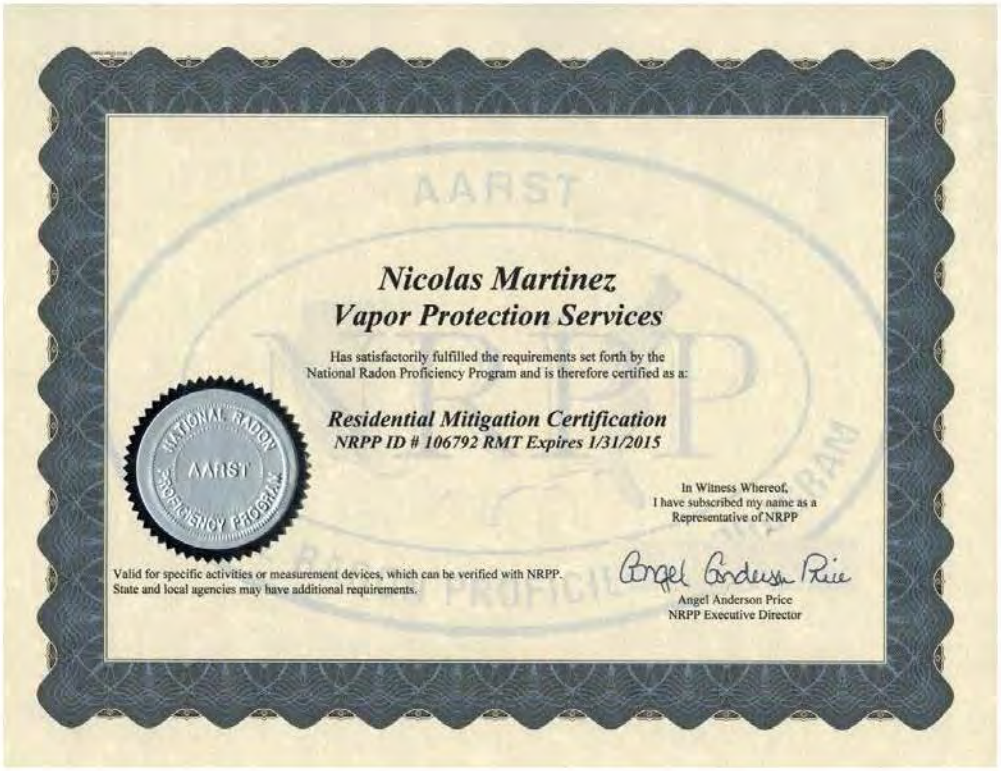
Run time meter and fan shut off switch.

Post installation PFE testing.

Post installation PFE testing.

VPS labels

Attachment 2
Mitigation Certifications



Nicolas Martinez
Vapor Protection Services

Has satisfactorily fulfilled the requirements set forth by the National Radon Proficiency Program and is therefore certified as a:

Residential Mitigation Certification
NRPP ID # 106792 RMT Expires 1/31/2015

In Witness Whereof,
I have subscribed my name as a Representative of NRPP

Valid for specific activities or measurement devices, which can be verified with NRPP.
State and local agencies may have additional requirements.

Angel Anderson Price
NRPP Executive Director

Nicolas Martinez
Vapor Protection Services, LLC

Has satisfactorily fulfilled the requirements set forth by the National Radon Proficiency Program and is therefore certified as a:

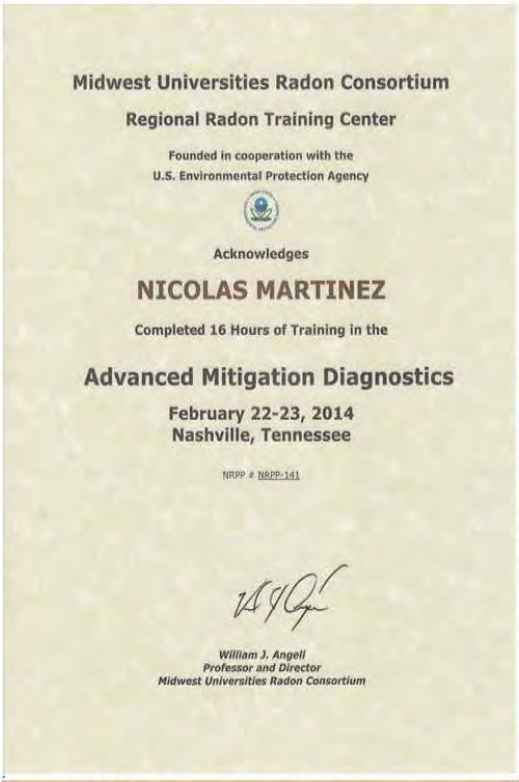
Residential Measurement Certification
NRPP ID # 107225 RT Expires 8/31/2015

In Witness Whereof,
I have subscribed my name as a Representative of NRPP

Valid for specific activities or measurement devices, which can be verified with NRPP.
State and local agencies may have additional requirements.

Angel Anderson Price
NRPP Executive Director

Attachment 2 (cont'd)
Mitigation Certification



Midwest Universities Radon Consortium

Regional Radon Training Center

Founded in cooperation with the
U.S. Environmental Protection Agency

Acknowledges

NICOLAS MARTINEZ

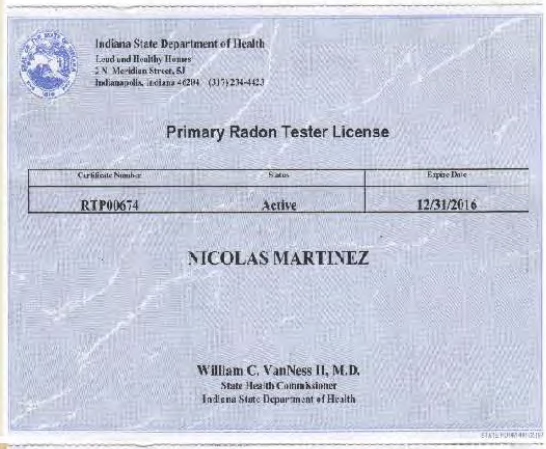
Completed 16 Hours of Training in the

Advanced Mitigation Diagnostics

February 22-23, 2014
Nashville, Tennessee

NRPP # NRPP-141

William J. Angell
Professor and Director
Midwest Universities Radon Consortium



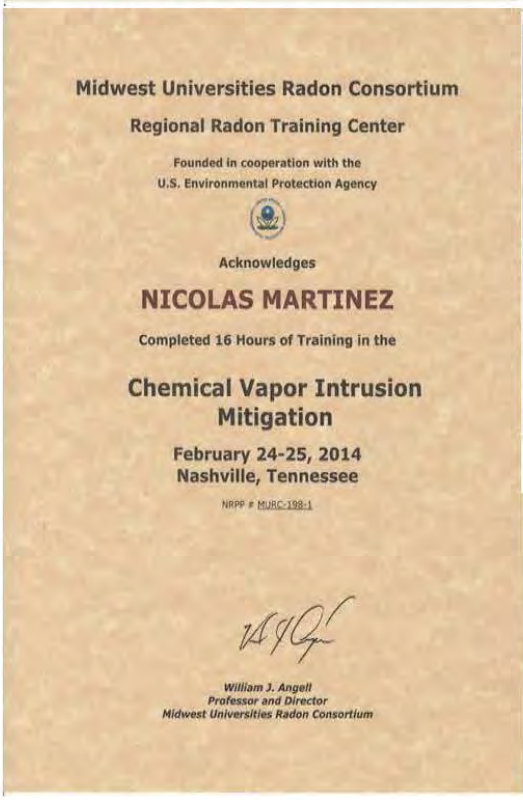
Indiana State Department of Health
Lead and Healthy Homes
2 N. Meridian Street, 8J
Indianapolis, Indiana 46204 (317) 234-1423

Primary Radon Tester License

Certificate Number	Status	Expire Date
RTP00674	Active	12/31/2016

NICOLAS MARTINEZ

William C. VanNess II, M.D.
State Health Commissioner
Indiana State Department of Health



Midwest Universities Radon Consortium

Regional Radon Training Center

Founded in cooperation with the
U.S. Environmental Protection Agency

Acknowledges

NICOLAS MARTINEZ

Completed 16 Hours of Training in the

Chemical Vapor Intrusion Mitigation

February 24-25, 2014
Nashville, Tennessee

NRPP # MURC-198-1

William J. Angell
Professor and Director
Midwest Universities Radon Consortium

Indiana State Department of Health
Lead and Healthy Homes
2 N. Meridian Street, 8J
Indianapolis, Indiana 46204 (317) 234-1423

Radon Mitigator License

Certificate Number	Status	Expire Date
RTM00633	Active	12/31/2015

NICOLAS MARTINEZ

Gregory N. Larkin
Gregory N. Larkin M.D. F.A.A.F.P.
State Health Commissioner
Indiana State Department of Health

VAPOR PROTECTION SERVICES®

Company:	**EFI -Rob Hoverman**
Name:	**Hoffman Cleaners**
Address:	**7215 W. Center St.**
	Wauwatosa, WI
Proposal Number:	**201404082**
Date:	**2/3/15 - 2/5/15**
Fan Make/Model:	**GP501**

VI Mitigation Installation Checklist

Piping	**Yes**	**No**	**N/A**
Are all pipes solid schedule 40 PVC?	X		
Are all pipe connections permanently sealed?	X		
Are the system pipes supported by existing ductwork, piping, or any equipment?		X	
Do any of the system pipes obstruct windows, doors or service access points?		X	
Are horizontal pipe supports installed at 6- 4 foot increments?	X		
Are vertical pipe runs supported properly in accordance to building code?	X		
Extraction point vertical pipes supported and sealed permanently?	X		
Do Horizontal pipes slope toward extraction pits for condensate drainage?	X		
Are permanent test ports installed on extraction point suction pipes?		X	

Fans

Is the fan level and properly supported to prevent unnecessary vibration?	X		
Does the fan have a condensate by-pass installed?	X		
Has the fan been mounted to piping using flexible connections?	X		
Is the exhaust vent pipe at least 10 feet above grade, 10 feet from any doors or windows, and 2 feet above the top of any opening into the conditioned space?	X		
If vent pipe exits through a roof penetration, does it extend at least 12 inches above the surface?			X
If vent pipe runs along the exterior wall, is it supported by brackets placed at least every 8 feet?	X		
Is the vent stack made of schedule 40 PVC piping?	X		

Vapor Barrier

I crawl space(s) free or debris and obstruction that may prevent proper installation of vapor retarder or sub-slab depressurization system?			X
Has sub-membrane depressurization system been installed?			X
Was 6mil or thicker reinforced skrim used as the vapor retarder?			X
Are heavy traffic areas and/or storage areas protected from tears and punctures by carpet or heavy felt padding?			X
Are all membrane seams overlapped at least 12 inches and sealed properly?			X
Has the membrane been secured to walls with tape, furring strips, and/or caulk?			X
Has a perforated/slotted pipe been installed under the membrane and above the soil for proper de-pressurization?			X
Does suction pipe have permanent test port installed?			X
Are all utility, foundation, or other penetrations sealed properly?			X

Attachment 3 (cont'd)

Electrical	**Yes**	**No**	**N/A**
Has electrical wiring/switching been performed by a licensed electrician?	X		
Is the fan's power supply shutoff switch mounted in a weather tight enclosure?	X		
Is the circuit breaker clearly labeled "Vapor Mitigation System"?	X		
Has a run-time meter been installed, and is it in a weather tight enclosure?	X		
Has a KW meter been installed?		X	

Sump Pit			
Is there a sump pit(s) in the basement or crawl space?			X
Does sump pit have impermeable cover attached with proper sealant?			X
Are sump lid penetrations properly sealed?			X
Has sump pit been used as an extraction point?			X
Does sump lid have a clear view port for pump/pit observation and maintenance?			X

Labels and Monitors			
Does each suction pipe have a u-tube manometer or magnehelic gage to measure pressure?	X		
Does each suction pipe have a permanent test port?		X	
Has an audible alarm to inform of possible system malfunction been installed?		X	
Are labels placed on pipes, membrane(s), and prominent locations to identify system components?	X		
Does label include name and number of person(s) to contact in case of system emergency?	X		

Testing and Sealing			
Has PFE testing been completed to verify system performance?	X		
Has foundation been smoke tested after mitigation system installation?	X		
Have leaks in slab, walls or membrane been sealed properly?	X		

Report			
Has an as built drawing been completed depicting system installation?	X		
Have all test point reading been recorded and inserted into the drawing?	X		
Has the system installation been recorded with photographs?	X		

Notes:

Attachment 4
Vapor Mitigation System Operation and Maintenance

We advise consultants, maintenance personnel or property owners to conduct routine visual inspections of all SSDS to verify that vapor mitigation system components are operating properly. The inspection should include but not be limited to the following:

- Observe the u tube or magnehelic gauges for pressure indication; a pressure of '0' indicates that there is a problem with system piping or fan operation.

- Observe the mitigation fan(s) and note any abnormal sounds or noises coming from the fan including buzzing, scraping, rattling, or et cetera. If any abnormal noises or sounds are audible, contact VPS.

- Most mitigation fans are factory sealed and designed to be maintenance free for the life of the fan. Should the fan's casing be opened or the factory seal broken, any service warranty may be voided. Factory maintenance documentation has been provided to consultant with recommended schedule for maintenance of fans if required.

- Inspect the PVC piping of the system for damage or cracks. If any damage occurs to the PVC piping, contact VPS Piping supports and Hangers should also be inspected for wear and integrity.

- Roof penetrations for system exhaust piping should be inspected to assure no moisture or other intrusion is apparent.

- Sub-membrane depressurization system (SMDS) components should also be periodically inspected to assure proper performance. Should a vapor barrier or membrane become damaged, loss of system pressure can occur affecting overall system performance. Tears should be repaired properly using approved methods.

- Any significant changes to building or structure can and may affect system performance. VPS should be advised of planned changes beforehand to avoid any possible performance issues or system failure.

Contact VPS for Additional Service & Maintenance should any occasion arise that may causes concern that the SMDS is not functioning properly as vapor intrusion may no longer be mitigated to meet performance criteria provided to VPS by consultant.

Attachment 5
ANNUAL OPERATING COSTS

RADONAWAY FANS	AVERAGE KWH	AVERAGE COST PER YEAR
RP140	$0.0894	$13.31
RP145	$0.0894	$42.29
RP260	$0.0894	$48.55
RP265	$0.0894	$88.50
RP380	$0.0894	$101.03
SF180	$0.0894	$42.29
GP201	$0.0894	$39.16
GP301	$0.0894	$56.39
GP401	$0.0894	$66.57
GP500	$0.0894	$78.31
GP501	$0.0894	$82.23
XP151	$0.0894	$40.72
XP201	$0.0894	$43.07
XP261	$0.0894	$66.57
HS2000	$0.0894	$164.46
HS3000	$0.0894	$117.47
HS5000	$0.0894	$250.61
FANTECH FANS		
HP2133	$0.0894	$13.31
HP2190	$0.0894	$56.78
HP175	$0.0894	$42.68
HP190	$0.0894	$56.78
HP220	$0.0894	$92.80

RadonAway™

The World's Leading Radon Fan Manufaturer



GP/XP/XR Series Installation & Operating Instructions

Please Read And Save These Instructions

DO NOT CONNECT POWER SUPPLY UNTIL FAN IS COMPLETELY INSTALLED. MAKE SURE ELECTRICAL SERVICE TO FAN IS LOCKED IN "OFF" POSITION. DISCONNECT POWER BEFORE SERVICING FAN.

1. **WARNING!** Do not use fan in hazardous environments where fan electrical system could provide ignition to combustible of flammable materials.
2. **WARNING!** Do not use fan to pump explosive or corrosive gases.
   See Vapor Intrusion Application Note #AN001 for important information on VI applications. RadonAway.com/vapor-intrusion
3. **WARNING!** Check voltage at the fan to insure it corresponds with nameplate.
4. **WARNING!** Normal operation of this device may affect the combustion airflow needed for safe operation of fuel burning equipment. Check for possible backdraft conditions on all combustion devices after installation.
5. **NOTICE!** There are no user serviceable parts located inside the fan unit.
   Do NOT attempt to open. Return unit to the factory for service.
6. All wiring must be performed in accordance with the National Fire Protection Association's (NFPA)"National Electrical Code, Standard #70"-current edition for all commercial and industrial work, and state and local building codes. All wiring must be performed by a qualified and licensed electrician.
7. **WARNING!** Do not leave fan unit installed on system piping without electrical power for more than 48 hours. Fan failure could result from this non-operational storage.
8. **WARNING - TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:**
   a) Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.
   b) Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

RadonAway
3 Saber Way | Ward Hill, MA 01835
www.radonaway.com

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Installation & Operating Instructions IN014 Rev J

XP/XR Series		GP Series	
XP101	p/n 23008-1	GP201	p/n 23007-1
XP151	p/n 23010-1	GP301	p/n 23006-1
XP201	p/n 23011-1	GP401	p/n 23009-1
XR261	p/n 23019-1	GP501	p/n 23005-1

1.0 SYSTEM DESIGN CONSIDERATIONS

1.1 INTRODUCTION

The GP/XP/XR Series Radon Fans are intended for use by trained, professional, certified/licensed Radon mitigators. The purpose of this instruction is to provide additional guidance for the most effective use of a fan. This instruction should be considered as a supplement to EPA/radon industry standard practices, state and local building codes and state regulations. In the event of a conflict, those codes, practices and regulations take precedence over this instruction.

1.2 ENVIRONMENTALS

The GP/XP/XR Series Fans are designed to perform year-round in all but the harshest climates without additional concern for temperature or weather. For installations in an area of severe cold weather, please contact RadonAway for assistance. When not in operation, the fan should be stored in an area where the temperature is never less than 32 degrees F. or more than 100 degrees F.

1.3 ACOUSTICS

The GP/XP/XR Series Fan, when installed properly, operates with little or no noticeable noise to the building occupants. The velocity of the outgoing air should be considered in the overall system design. In some cases the "rushing" sound of the outlet air may be disturbing. In these instances, the use of a RadonAway Exhaust Muffler is recommended.

1.4 GROUND WATER

In the event that a temporary high water table results in water at or above slab level, water may be drawn into the riser pipes thus blocking air flow to the GP/XP/XR Series Fan. The lack of cooling air may result in the fan cycling on and off as the internal temperature rises above the thermal cutoff and falls upon shutoff. Should this condition arise, it is recommended that the fan be turned off until the water recedes allowing for return to normal operation.

1.5 SLAB COVERAGE

The GP/XP/XR Series Fan can provide coverage up to 2000+ sq. ft. per slab penetration. This will primarily depend on the sub-slab material in any particular installation. In general, the tighter the material, the smaller the area covered per penetration. Appropriate selection of the GP/XP/XR Series Fan best suited for the sub-slab material can improve the slab coverage. The GP & XP Series have a wide range of models to choose from to cover a wide range of subslab material. The higher static suction fans are generally used for tighter subslab materials. The XR Series is specifically designed for high flow applications such as stone/gravel and drain tile. Additional suction points can be added as required. It is recommended that a small pit (5 to 10 gallons in size) be created below the slab at each suction hole.

1.6 CONDENSATION & DRAINAGE

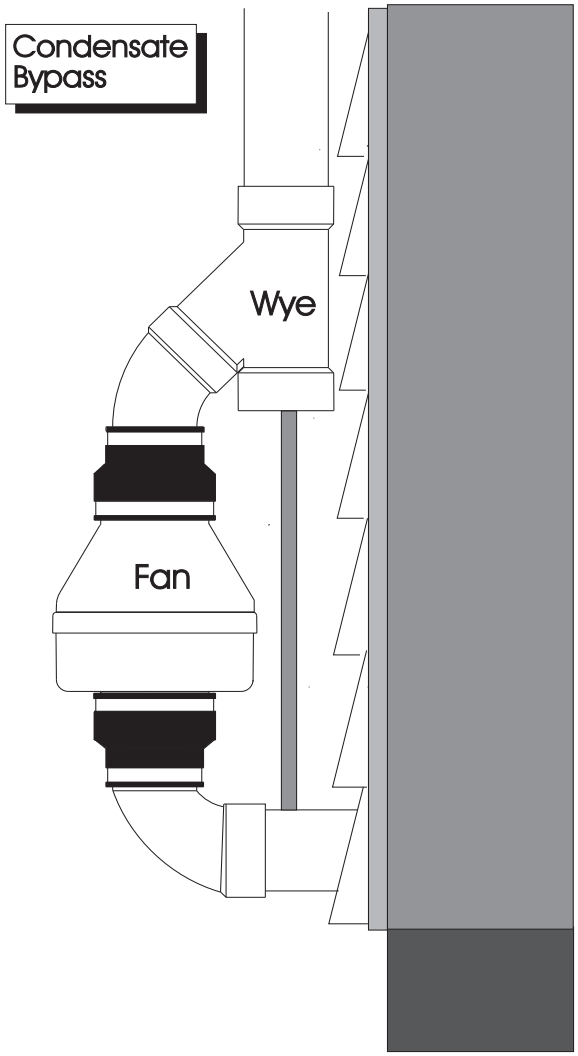
Condensation is formed in the piping of a mitigation system when the air in the piping is chilled below its dew point. This can occur at points where the system piping goes through unheated space such as an attic, garage or outside. The system design must provide a means for water to drain back to a slab hole to remove the condensation. The GP/XP/XR Series Fan **MUST** be mounted vertically plumb and level, with the outlet pointing up for proper drainage through the fan. Avoid mounting the fan in any orientation that will allow water to accumulate inside the fan housing. The GP/XP/XR Series Fans are **NOT** suitable for underground burial.

For GP/XP/XR Series Fan piping, the following table provides the minimum recommended pipe diameter and pitch under several system conditions.

Pipe Dia.	Minimum Rise per Foot of Run* @25 CFM	@50 CFM	@100 CFM
4″	1/8″	1/4″	3/8″
3"	1/4"	3/8"	1 1/2"

*Typical GP/XP/XR Series Fan operational flow rate is 25 - 90 CFM. (For more precision, determine flow rate by using the chart in the addendum.)

Under some circumstances in an outdoor installation a condensate bypass should be installed in the outlet ducting as shown. This may be particularly true in cold climate installations which require long lengths of outlet ducting or where the outlet ducting is likely to produce large amounts of condensation because of high soil moisture or outlet duct material. Schedule 20 piping and other thin-walled plastic ducting and Aluminum downspout will normally produce much more condensation than Schedule 40 piping.



The bypass is constructed with a 45 degree Wye fitting at the bottom of the outlet stack. The bottom of the Wye is capped and fitted with a tube that connects to the inlet piping or other drain. The condensation produced in the outlet stack is collected in the Wye fitting and drained through the bypass tube. The bypass tubing may be insulated to prevent freezing.

1.7 SYSTEM MONITOR & LABEL

A System Monitor, such as a manometer (P/N 50006-1) or audible alarm (P/N 28001-2) is required to notify the occupants of a fan system malfunction. A System Label (P/N 15022) with instructions for contacting the installing contractor for service and also identifying the necessity for regular radon tests to be conducted by the building occupants, must be conspicuously placed where the occupants frequent and can see the label.

1.8 ELECTRICAL WIRING

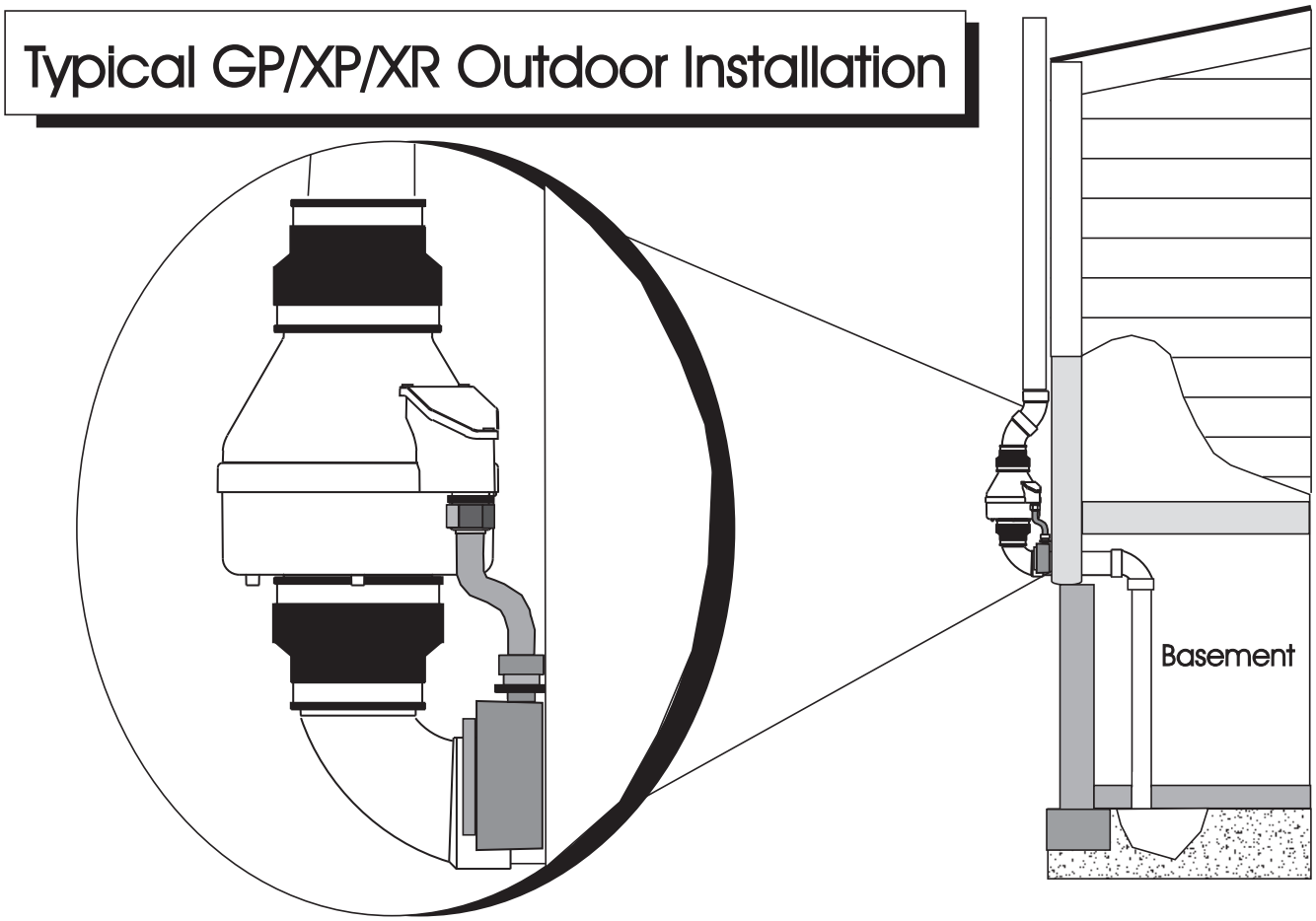
The GP/XP/XR Series Fans operate on standard 120V 60 Hz. AC. All wiring must be performed in accordance with the National Fire Protection Association's (NFPA)"National Electrical Code, Standard #70"-current edition for all commercial and industrial work, and state and local building codes. All wiring must be performed by a qualified and licensed electrician. Outdoor installations require the use of a U.L. listed watertight conduit. Ensure that all exterior electrical boxes are outdoor rated and properly sealed to prevent water penetration into the box. A means, such as a weep hole, is recommended to drain the box.

1.9 SPEED CONTROLS

The GP/XP/XR Series Fans are rated for use with electronic speed controls, however, they are generally not recommended. If used, the speed control recommended is Pass & Seymour Solid State Speed Control Cat. No. 94601-I.

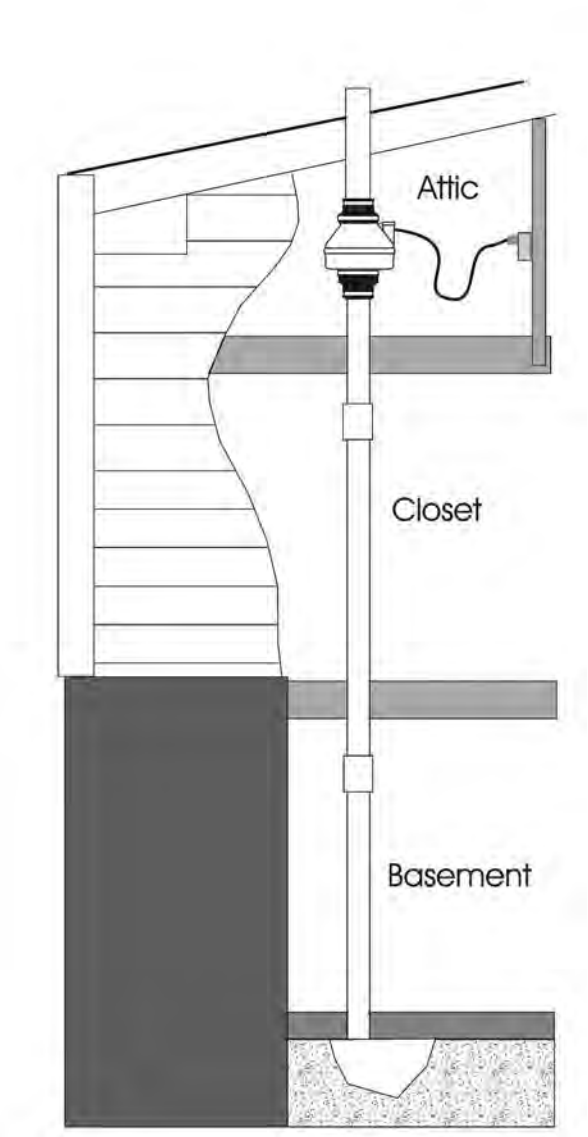
2.0 INSTALLATION

The GP/XP/XR Series Fan can be mounted indoors or outdoors. (It is suggested that EPA recommendations be followed in choosing the fan location.) The GP/XP/XR Series Fan may be mounted directly on the system piping or fastened to a supporting structure by means of optional mounting bracket.



2.1 MOUNTING

Mount the GP/XP/XR Series Fan vertically with outlet up. Insure the unit is plumb and level. When mounting directly on the system piping assure that the fan does not contact any building surface to avoid vibration noise.



2.2 MOUNTING BRACKET (optional)

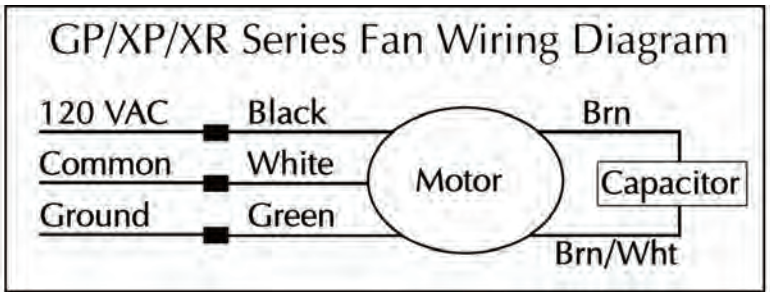
The GP/XP/XR Series Fan may be optionally secured with the integral mounting bracket on the GP Series fan or with RadonAway P/N 25007-2 mounting bracket for an XP/XR Series Fan. Foam or rubber grommets may also be used between the bracket and mounting surface for vibration isolation.

2.3 SYSTEM PIPING

Complete piping run, using flexible couplings as means of disconnect for servicing the unit and vibration isolation.

2.4 ELECTRICAL CONNECTION

Connect wiring with wire nuts provided, observing proper connections (See Section 1.8):



2.5 VENT MUFFLER (optional)

Install the muffler assembly in the selected location in the outlet ducting. Solvent weld all connections. The muffler is normally installed at the end of the vent pipe.

2.6 OPERATION CHECKS AND ANNUAL SYSTEM MAINTENANCE

_____ **Verify** all connections are tight and **leak-free**.

_____ **Insure** the GP/XP/XR Series Fan and all ducting is secure and vibration-free.

_____ **Verify** system vacuum pressure with manometer. **Insure** vacuum pressure is within normal operating range and **less than** the maximum recommended operating pressure.

(Based on sea-level operation, at higher altitudes reduce by about 4% per 1000 Feet.)
(Further reduce Maximum Operating Pressure by 10% for High Temperature environments)
See Product Specifications. If this is exceeded, increase the number of suction points.

_____ **Verify Radon levels by testing to EPA protocol.**

XP/XR SERIES PRODUCT SPECIFICATIONS

The following chart shows fan performance for the XP & XR Series Fan:

Typical CFM Vs Static Suction "WC									
	0"	.25"	.5"	.75"	1.0"	1.25"	1.5"	1.75"	2.0"
XP101	125	118	90	56	5	-	-	-	-
XP151	180	162	140	117	78	46	10	-	-
XP201	150	130	110	93	74	57	38	20	-
XR261	250	215	185	150	115	80	50	20	-

Maximum Recommended Operating Pressure*		
XP101	0.9" W.C.	(Sea Level Operation)**
XP151	1.3" W.C.	(Sea Level Operation)**
XP201	1.7" W.C.	(Sea Level Operation)**
XR261	1.6" W.C.	(Sea Level Operation)**

**Reduce by 10% for High Temperature Operation*
***Reduce by 4% per 1000 feet of altitude*

Power Consumption @ 120 VAC	
XP101	40 - 49 watts
XP151	45 - 60 watts
XP201	45 - 66 watts
XR261	65 - 105 watts

XP Series Inlet/Outlet: 4.5" OD (4.0" PVC Sched 40 size compatible)
XR Series Inlet/Outlet: 5.875" OD
Mounting: Mount on the duct pipe or with optional mounting bracket.
Recommended ducting: 3" or 4" Schedule 20/40 PVC Pipe
Storage temperature range: 32 - 100 degrees F.
Normal operating temperature range: -20 - 120 degrees F.
Maximum inlet air temperature: 80 degrees F.
Size: 9.5H" x 8.5" Dia.
Weight: 6 lbs. (XR261 - 7 lbs)

Continuous Duty
Thermally Protected
Class B Insulation
3000 RPM
Rated for Indoor or Outdoor Use

LISTED Electric Fan ETL® 77728 Tested to UL Std. 507

GP SERIES PRODUCT SPECIFICATIONS

The following chart shows fan performance for the GP Series Fan:

Typical CFM Vs Static Suction "WC							
	1.0"	1.5"	2.0"	2.5"	3.0"	3.5"	4.0"
GP501	95	87	80	70	57	30	5
GP401	93	82	60	38	12	-	-
GP301	92	77	45	10	-	-	-
GP201	82	58	5	-	-	-	-

Maximum Recommended Operating Pressure*		
GP501	3.8" W.C.	(Sea Level Operation)**
GP401	3.0" W.C.	(Sea Level Operation)**
GP301	2.4" W.C.	(Sea Level Operation)**
GP201	1.8" W.C.	(Sea Level Operation)**

**Reduce by 10% for High Temperature Operation*
***Reduce by 4% per 1000 feet of altitude*

Power Consumption @ 120 VAC	
GP501	70 - 140 watts
GP401	60 - 110 watts
GP301	55 - 90 watts
GP201	40 - 60 watts

Inlet/Outlet: 3.5" OD (3.0" PVC Sched 40 size compatible)

Mounting: Fan may be mounted on the duct pipe or with integral flanges.

Weight: 12 lbs.

Size: 13H" x 12.5" x 12.5"

Recommended ducting: 3″ or 4" Schedule 20/40 PVC Pipe

Storage temperature range: 32 - 100 degrees F.

Normal operating temperature range: -20 - 120 degrees F.

Maximum inlet air temperature: 80 degrees F.

Continuous Duty

Class B Insulation

3000 RPM

Thermally Protected

Rated for Indoor or Outdoor Use

LISTED Electric Fan ETL® 77728 Tested to UL Std. 507

IMPORTANT INSTRUCTIONS TO INSTALLER

Inspect the GPx01/XP/XR Series Fan for shipping damage within 15 days of receipt. Notify RadonAway of any damages immediately. Radonaway is not responsible for damages incurred during shipping. However, for your benefit, Radonaway does insure shipments.

There are no user serviceable parts inside the fan. **Do not attempt to open.** Return unit to factory for service.

Install the GPx01/XP/XR Series Fan in accordance with all EPA standard practices, and state and local building codes and state regulations.

Provide a copy of this instruction or comparable radon system and testing information to the building occupants after completing system installation.

WARRANTY

Subject to any applicable consumer protection legislation, RadonAway warrants that the GPx01/XP/XR Series Fan (the "Fan") will be free from defects in materials and workmanship for a period of 90 days from the date of purchase (the "Warranty Term").

RadonAway will replace any Fan which fails due to defects in materials or workmanship. The Fan must be returned (at Owner's cost) to the RadonAway factory. Any Fan returned to the factory will be discarded unless the Owner provides specific instructions along with the Fan when it is returned regardless of whether or not the Fan is actually replaced under this warranty. Proof of purchase must be supplied upon request for service under this Warranty.

This Warranty is contingent on installation of the Fan in accordance with the instructions provided. This Warranty does not apply where any repairs or alterations have been made or attempted by others, or if the unit has been abused or misused. Warranty does not cover damage in shipment unless the damage is due to the negligence of RadonAway.

5 YEAR EXTENDED WARRANTY WITH PROFESSIONAL INSTALLATION.

RadonAway will extend the Warranty Term of the fan to 5 years from date of manufacture if the Fan is installed in a professionally designed and professionally installed radon system or installed as a replacement fan in a professionally designed and professionally installed radon system. Proof of purchase and/or proof of professional installation may be required for service under this warranty. Outside the Continental United States and Canada the extended Warranty Term is limited to one (1) year from the date of manufacture.

RadonAway is not responsible for installation, removal or delivery costs associated with this Warranty.

EXCEPT AS STATED ABOVE, THE GPx01/XP/XR SERIES FANS ARE PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT SHALL RADONAWAY BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF, OR RELATING TO, THE FAN OR THE PERFORMANCE THEREOF. RADONAWAY'S AGGREGATE LIABILITY HEREUNDER SHALL NOT IN ANY EVENT EXCEED THE AMOUNT OF THE PURCHASE PRICE OF SAID PRODUCT. THE SOLE AND EXCLUSIVE REMEDY UNDER THIS WARRANTY SHALL BE THE REPAIR OR REPLACEMENT OF THE PRODUCT, TO THE EXTENT THE SAME DOES NOT MEET WITH RADONAWAY'S WARRANTY AS PROVIDED ABOVE.

For service under this Warranty, contact RadonAway for a Return Material Authorization (RMA) number and shipping information. No returns can be accepted without an RMA. If factory return is required, the customer assumes all shipping cost to and from factory.

RadonAway
3 Saber Way
Ward Hill, MA 01835
TEL. (978) 521-3703
FAX (978) 521-3964

GP501

Record the following information for your records:

Serial No._____

Purchase Date **2/2015**

Attachment 7

MATERIAL SAFETY DATA SHEET

Date Issued: 08/03/2007
MSDS No: 68101
Date Revised: 03/07/2008
Revision No: 2

3300 Colors

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 3300 Colors

MANUFACTURER

Geocel Corporation
P.O. Box 398
Elkhart IN 46515-0398
Product Stewardship: 574-264-0645

24 HR. EMERGENCY TELEPHONE NUMBERS

ChemTel - 800-255-3924

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: This product is irritating to the eyes and skin. Thermal decomposition/burning may produce toxic gases and fume. Closed containers may rupture when exposed to high temperatures, or when the product has been contaminated with water.

Avoid breathing hot mists and vapors. This product contains a respiratory and skin sensitizer. Causes respiratory tract irritation and may cause allergic respiratory reaction. May cause permanent respiratory damage. Product vapors are potentially irritating to skin. May cause allergic skin reaction and dermatitis.

POTENTIAL HEALTH EFFECTS

EYES: This product may cause irritation to the eyes. May cause temporary corneal injury.

SKIN: Skin contact may cause irritation. Isocyanates may react with skin protein and moisture to cause itching, reddening, swelling, scaling or blistering. Individuals previously sensitized to this material may experience these sysptoms from exposure to very small amounts of liquid or vapor.

INGESTION: May cause irritation and corrosive action in the mouth, throat and digestive tract.

INHALATION: Single large does, and/or repeated exposures, may lead to sensitization to diisocyanates or polyisocyanates (asthma or asthma-like symptoms), causing an individual to experience adverse effects at exposure levels well below exposure limits or guidelines. Symptoms may include chest tightness, wheezing, shortness of breath, coughing or asthmatic attack, and may be delayed up to several hours. Extreme asthmatic reactions can be life threatening. Once sensitized, an individual may experience adverse symptoms upon exposure to dust, cold air or other irritants. Sensitization can last several months, years or be permanent in some cases.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Visual effects may include eye irritation, blurred vision, diplopia, changes in color perception, restricition of visual fields, and complete blindness.

SKIN: Irritation of the skin.

INGESTION: Diarrhea.

INHALATION: Irritation of upper respiratory tract, asthmatic symptoms, chest tightness, breathing difficulty, coughing, short throat.

TARGET ORGAN STATEMENT: The lungs and skin may be targeted and damaged by components of the product. Eyes.

HEALTH HAZARDS: This product contains Methylene Diphenyl Isocyanate (MDI) which is a potential skin sensitizer and has been shown to alter cells in certain experiments. Although inconclusive, these cellular changes are thought to indicate potential carcinogenicity. Risk to your health depends on duration and concentration of exposure.

COMMENTS: Signs and symptoms of overexposure to this product include headache, irritation of upper respiratory tract, asthmatic symptoms, chest tightness, breathing difficulty, coughing, dizziness, weakness, fatigue, eye irritation, skin irritation, diarrhea.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Attachment 7 (cont'd)

Chemical Name	Wt.%	CAS	EINECS
Xylenes (o-,m-,p- Isomers)	1 - 5	001330-20-7	215-535-7
Ethyl Benzene	0.5 - 1.5	000100-41-4	- -
Methylene Disphenyl Isocyanate	0.1 - 1	000101-68-8	202-966-0

4. FIRST AID MEASURES

EYES: Immediately flush with plenty of water for at least 15 minutes. Get medical attention or advice.

SKIN: Remove contaminated clothing to prevent further skin exposure and dispose of properly. In situations involving considerable skin contact, place the contaminated person in a deluge shower for at least 15 minutes. For minor exposures, wash thoroughly with soap and clean water. Get medical attention if irritation persists.

INGESTION: If ingested, get immediate medical attention. Do not induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to a victim who is unconscious or is having convulsions.

INHALATION: Remove to fresh air. Get medical attention immediately for a large dose exposure or if cough or other symptoms develop. Administer oxygen or artifical respiration as needed.

NOTES TO PHYSICIAN: Treat symptomatically and supportively.
Eyes: Stain for evidence of corneal injury. If cornea is burned, apply antibiotic/steroid preparation as needed.
Skin: This product contains a skin sensitizer. Treat symptomatically as for contact dermatitis or thermal burn.
Ingestion: Treat symptomatically.
Inhalation: This material contains a known pulmonary sensitizer.
Any individual experiencing dermal or pulmonary sensitization should be removed from exposure to any diisocyanate. May aggravate existing heart conditions, particularly those with abnormal heart rhythms. If overexposure to the solvents in this product is suspected, testing should include nervous system and brain effects including recent memory, mood, concentration, headaches and altered sleep patterns. Liver and kidney function should be evaluated. This material, if aspirated into the lungs, may cause chemical pneumonitis; treat the affected person appropriately.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: 74.4°C (166°F)

EXTINGUISHING MEDIA: Use dry chemical, carbon dioxide, or foam. Water spray (fog).

HAZARDOUS COMBUSTION PRODUCTS: Additional decomposition products include oxides of nitrogen, amines, hydrogen cyanide and isocyanate-containing compounds.

EXPLOSION HAZARDS: None known.

FIRE FIGHTING EQUIPMENT: Firefighters should wear full protective clothing including self contained breathing apparatus.

SENSITIVE TO STATIC DISCHARGE: Not known.

SENSITIVITY TO IMPACT: Not known.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Wearing the personal protective equipment designated in Section 8, carefully contain the spill and transfer to the appropriate container for disposal. Do not discharge to lakes, streams, ponds, or sewers. Dispose of in compliance with local, state, and federal regulations.

LARGE SPILL: Wearing the personal protective equipment designated in Section 8, carefully contain the spill and transfer to the appropriate container for disposal. Do not discharge to lakes, streams, ponds, or sewers. Dispose of in compliance with local, state, and federal regulations. Ventilate well while cleanup is in process and until fumes dissipate.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Isolate spill area. Stop discharge if safe to do so. Stop material from entering sewers or water streams. Scrape up polyurethane and deposit into appropriate containers.

LAND SPILL: Isolate spill area. Stop discharge if safe to do so. Stop material from contaminating soil. Scrape up polyurethane and deposit into appropriate containers.

7. HANDLING AND STORAGE

HANDLING: Wash hands thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, face shields, and gloves. Professionally launder contaminated clothing before re-use. Do not breathe vapors, mists or dusts. Do not breathe fumes generated when the material is overheated or burned. Use adequate ventilation. Wear respiratory protection if the material is heated, sprayed, used in a confined space or if exposure limit is exceeded. This product can produce asthmatic sensitization. Individuals with lung or breathing problems or prior allergic reactions to isocyanate must avoid fumes from this product. Wear appropriate protective equipment to avoid contact with skin and eyes.

STORAGE: Store in a cool, dry, well-ventilated area away from heat, ignition sources and direct sunlight. Water contamination should be avoided. Cool location should be 60-80 degrees F or 15-30 degrees C.

COMMENTS: Attention! Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container for food, clothing, or products for human or animal consumption, or where skin contact can occur.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		**ppm**	**mg/m^3**	**ppm**	**mg/m^3**
Xylenes (o-,m-,p- Isomers)	**TWA**	100	435	100	434
	STEL			150	651
Ethyl Benzene	**TWA**	100	435	100	434
	STEL			125	543
Methylene Disphenyl Isocyanate	**TWA**			0.005	0.051

ENGINEERING CONTROLS: Use local exhaust or general ventilation where the potential exists to exceed the PEL or TLV exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields or goggles when handling this material.

SKIN: Wear appropriate clothing to minimize skin contact with this product.

RESPIRATORY: Avoid breathing vapor and/or mists. If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection. High airborne concentrations may necessitate the use of self-contained breathing apparatus (SCBA) or a supplied air respirator.

OTHER USE PRECAUTIONS: Eyewash fountains and emergency showers should be readily available.

COMMENTS: Wash hands thoroughly after each use, especially before eating or smoking. Good personal hygiene practices should always be followed.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Paste

ODOR: Solvent

COLOR: Various

pH: Not Applicable

PERCENT VOLATILE: 4

FREEZING POINT: NA = Not Applicable

FLASHPOINT AND METHOD: 74.4°C (166°F)

DENSITY: 11.22

(VOC): 3.900 %

Attachment 7 (cont'd)

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: Yes

STABILITY: This product is stable under normal conditions but will react slightly with water to release some heat and carbon dioxide. The reaction is not violent. Carbon dioxide, carbon monoxide and in high temperature (800°F) low oxygen atmospheres such as in fire situations, hydrogen cyanide may be released.

POLYMERIZATION: Hazardous polymerization can occur with elevated temperatures or contact with water.

CONDITIONS TO AVOID: Avoid strong acids. Avoid amines, strong bases, alcohols and metallic hydrides.

HAZARDOUS DECOMPOSITION PRODUCTS: Unknown due to the complex nature of this material. Fumes from complete or incomplete combustion may include carbon dioxide, carbon monoxide, water vapor, oxides of nitrogen and a wide variety of innocuous or toxic fumes. Additional decomposition products include oxides of nitrogen, amines, hydrogen cyanide and isocyanate-containing compounds.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Irritating to the eyes.

SKIN EFFECTS: Irritating to the skin.

CARCINOGENICITY

Chemical Name	IARC Status
Ethyl Benzene	2B

Notes: This product contains Methylene Diphenyl Isocyanate (MDI). MDI is not listed by the NTP, IARC or regulated by OSHA as a carcinogen. However, it has been shown to alter cells in certain experiments. Although inconclusive, these cellular changes are thought to indicate potential carcinogenicity.

REPEATED DOSE EFFECTS: Single large does, and/or repeated exposures, may lead to sensitization to diisocyanates or polyisocyanates (asthma or asthma-like symptoms), causing an individual to experience adverse effects at exposure levels well below exposure limits or guidelines. Symptoms may include chest tightness, wheezing, shortness of breath, coughing or asthmatic attack, and may be delayed up to several hours. Extreme asthmatic reactions can be life threatening. Once sensitized, an individual may experience adverse symptoms upon exposure to dust, cold air or other irritants. Sensitization can last several months, years or be permanent in some cases. Chronic exposure may cause lung damage, including fibrosis and decreased lung function, which may be permanent.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Organic solvents produce slight to moderate toxicity to aquatic life. Insufficient data exists to evaluate the effect on plants, birds or land animals.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Part 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

OTHER SHIPPING INFORMATION: Generators must consult DOT laws and regulations to ensure the product is being transported appropriately.

COMMENTS: Not regulated as dangerous goods.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: This product poses the following physical and health hazard(s) as defined in 40

Attachment 7 (cont'd)

CFR Part 370 and is subject to the requirements of sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986:

FIRE: Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

313 REPORTABLE INGREDIENTS: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR372. CAS #: 101-68-8 MDI, CAS #: 1330-20-7 Xylene and CAS #100-41-4 Ethyl Benzene.

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
Xylenes (o-,m-,p- Isomers)	1 - 5	001330-20-7
Ethyl Benzene	0.5 - 1.5	000100-41-4

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Xylenes (o-,m-,p- Isomers)	1 - 5	100
Ethyl Benzene	0.5 - 1.5	1,000
Methylene Disphenyl Isocyanate	0.1 - 1	5,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Xylenes (o-,m-,p- Isomers)	001330-20-7
Ethyl Benzene	000100-41-4
Methylene Disphenyl Isocyanate	000101-68-8

CALIFORNIA PROPOSITION 65: This product contains the following product on California's Proposition 65 List: CAS# 100-41-4 Ethyl Benzene.

16. OTHER INFORMATION

PREPARED BY: Technical Staff

REVISION SUMMARY: Revision #: 2 This MSDS replaces the November 12, 2007 MSDS. Any changes in information are as follows: In Section 1 Approval Date

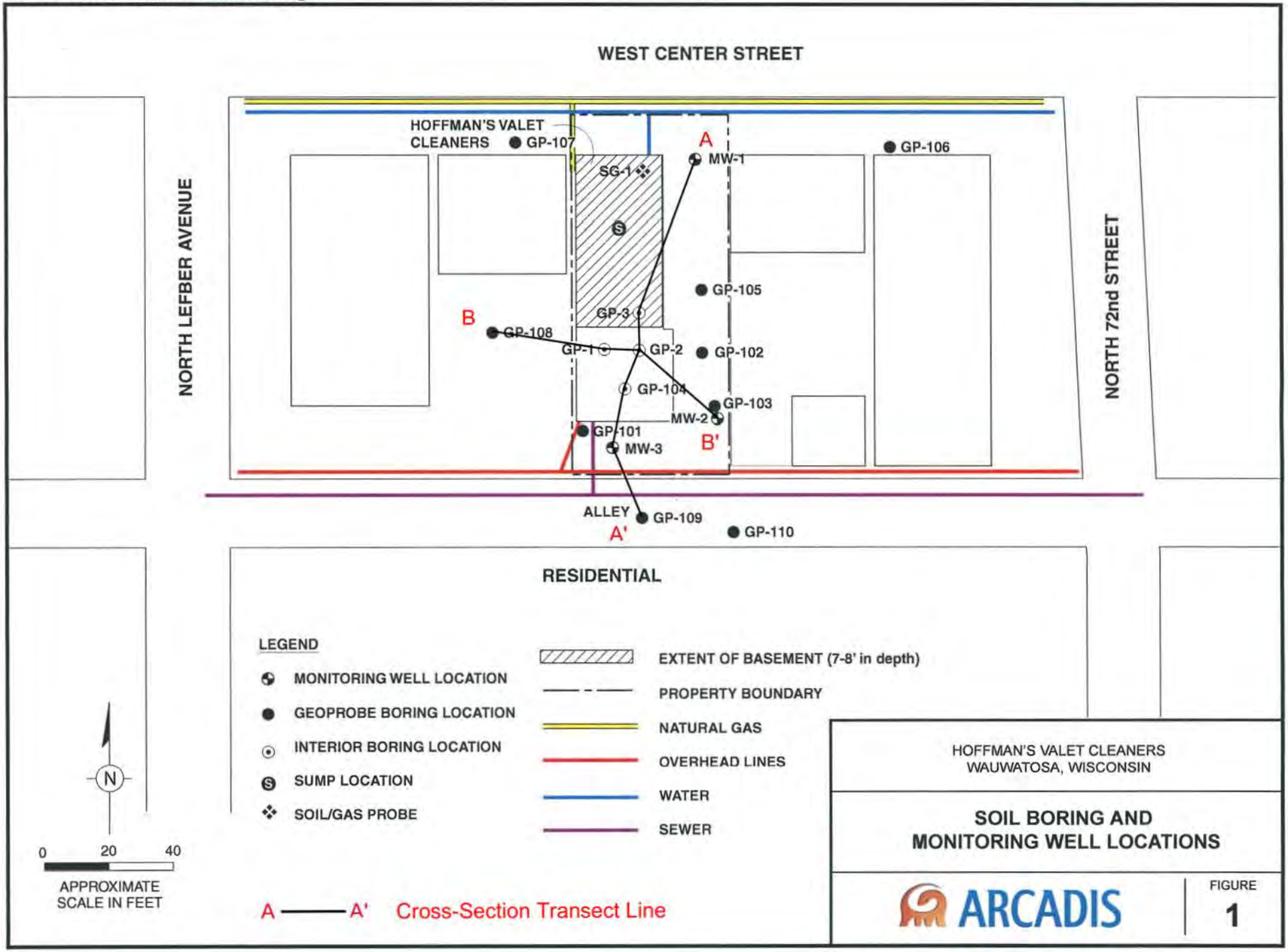
NFPA STORAGE CLASSIFICATION: Health 2, Flammability 2, Physical Hazard 0

HMIS RATINGS NOTES: Health 2, Flammability 2, Physical Hazard 0, PPE X

APPENDIX F

Geologic Cross-Sections

12MAY09-ENVIRONMENT-EB\PL-LMB
HOFFMAN\WI0943\WAUWATOSA\GRAPHICS\SBMW LOCS_2.AI



HOFFMAN'S VALET CLEANERS
WAUWATOSA, WISCONSIN

SOIL BORING AND MONITORING WELL LOCATIONS

ARCADIS

FIGURE
1

SOUTH
A'

NORTH
A

Building Wall

Concrete

GP-109

MW-3

GP-104

GP-2

BASEMENT

Building Wall

Concrete

MW-1

GP-3

736

732

728

724

720

716

712

708

FEET MEAN SEA LEVEL

(4-6')
41

(4-6')
240

(8-9')
45

(8-10')
2,500

(10-12')
ND

(10-12')
5,200

(10-12')
2,800

(12-16')*
<25

ND

7.4

7.4 = Concentration of dissolved PCE (in ug/L) in groundwater

---------- Interpreted extent of PCE in groundwater above the WDNR Enforcement Standard

EXPLANATION

CLAY - with variable silt content, traces of sand.

SAND - (predominantly fine) silty in places.

FILL/CONCRETE

SANDY SILT

WELL/BORING LOCATION

(10-12')
45
SOIL SAMPLE DEPTH WITH PCE CONCENTRATION (µg/kg)

GROUNDWATER TABLE (7/3/07)

* CLAY SAMPLE CONCENTRATIONS (from GP-102, GP-103, & GP-105)

0 8 16
APPROXIMATE SCALE IN FEET
VERTICAL EXAGGERATION = 2x

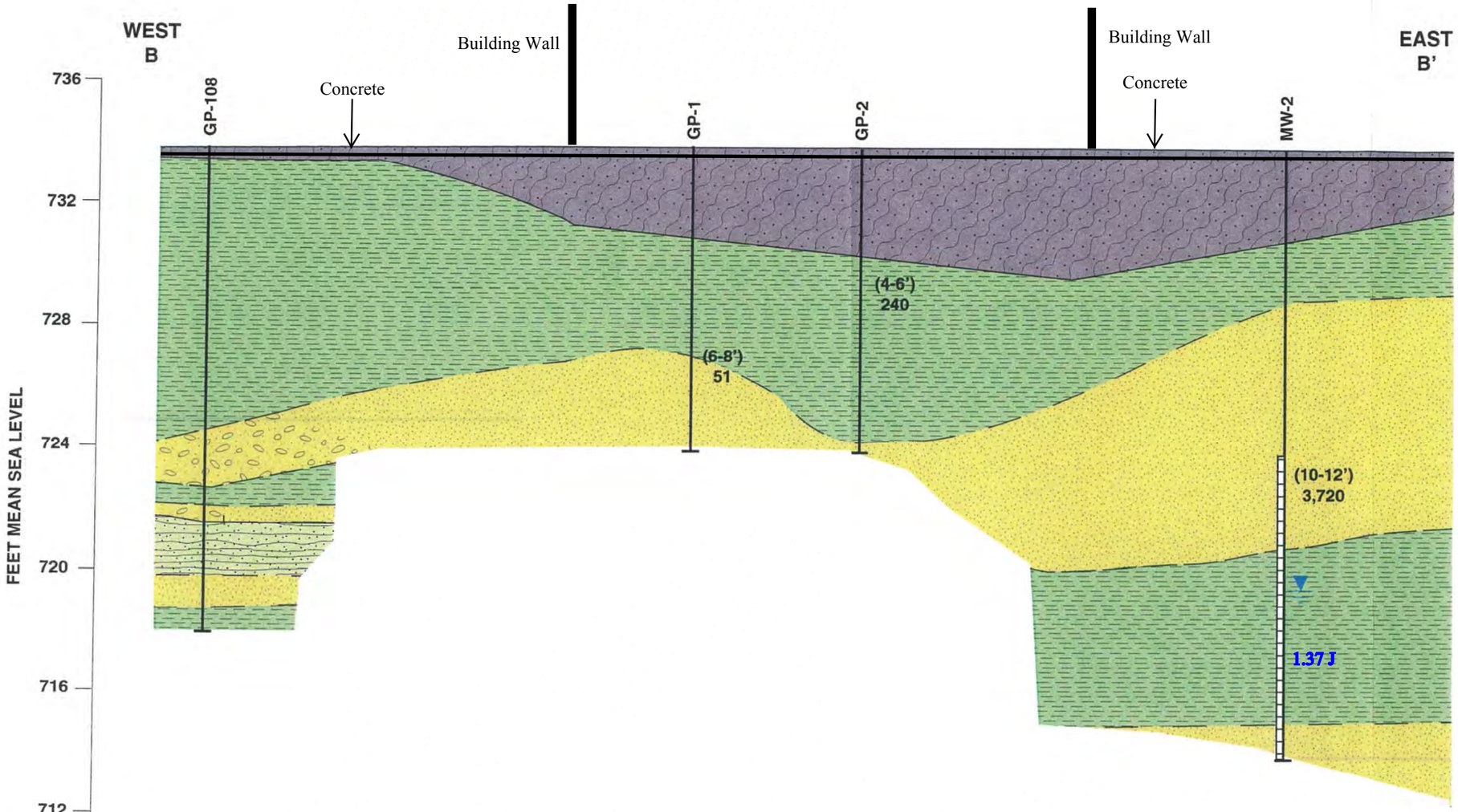
HOFFMAN'S VALET CLEANERS
WAUWATOSA, WISCONSIN

NORTH/SOUTH GEOLOGIC CROSS-SECTION

ARCADIS

FIGURE
5

02JUN09-ENVIRONMENT-EBIPL-LMB
HOFFMAN\WI0943\WAU\WATCS\AIGRAPHICS\XSEC_AA.AI



EXPLANATION

- CLAY - with variable silt content, traces of sand.
- SAND - (predominantly fine) silty in places.
- FILL/CONCRETE
- SAND & GRAVEL
- SANDY SILT

1.37 J = Concentration of PCE (in ug/L) in groundwater

- WELL/BORING LOCATION
- (6-8') 51 SOIL SAMPLE DEPTH WITH PCE CONCENTRATION (µg/kg)
- GROUNDWATER TABLE (7/3/07)

HOFFMAN'S VALET CLEANERS
WAUWATOSA, WISCONSIN

WEST/EAST GEOLOGIC CROSS-SECTION

ARCADIS

FIGURE
6

02JUN09-ENVIRONMENT-EBIPL-LMB
HOFFMAN\WI0943\WAUWATOSA\GRAPHICS\XSEC_BB.AI

APPENDIX G

Soil and Groundwater Laboratory Analytical Reports

Synergy Environmental Lab, INC.

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

BRIAN KAPPEN
ENVIROFORENSICS
N16 W23390 STONE RIDGE DRIVE
WAUKESHA, WI 53188

Report Date *16-Sep-13*

Project Name HOFFMAN CLEANERS **Invoice #** E25721
Project #

Lab Code 5025721A
Sample ID 6200-MW-1
Sample Matrix Water
Sample Date 9/5/2013

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.77	1	8260B		9/13/2013	CJR	1
Bromobenzene	< 0.32	ug/l	0.32	1	1	8260B		9/13/2013	CJR	1
Bromodichloromethane	< 0.37	ug/l	0.37	1.2	1	8260B		9/13/2013	CJR	1
Bromoform	< 0.35	ug/l	0.35	1.1	1	8260B		9/13/2013	CJR	1
tert-Butylbenzene	< 0.36	ug/l	0.36	1.2	1	8260B		9/13/2013	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1	1	8260B		9/13/2013	CJR	1
n-Butylbenzene	< 0.35	ug/l	0.35	1.1	1	8260B		9/13/2013	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	8260B		9/13/2013	CJR	1
Chlorobenzene	< 0.24	ug/l	0.24	0.77	1	8260B		9/13/2013	CJR	1
Chloroethane	< 0.63	ug/l	0.63	2	1	8260B		9/13/2013	CJR	1
Chloroform	< 0.28	ug/l	0.28	0.88	1	8260B		9/13/2013	CJR	1
Chloromethane	< 0.81	ug/l	0.81	2.6	1	8260B		9/13/2013	CJR	1
2-Chlorotoluene	< 0.21	ug/l	0.21	0.66	1	8260B		9/13/2013	CJR	1
4-Chlorotoluene	< 0.21	ug/l	0.21	0.68	1	8260B		9/13/2013	CJR	1
1,2-Dibromo-3-chloropropane	< 0.88	ug/l	0.88	2.8	1	8260B		9/13/2013	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.7	1	8260B		9/13/2013	CJR	1
1,4-Dichlorobenzene	< 0.3	ug/l	0.3	0.96	1	8260B		9/13/2013	CJR	1
1,3-Dichlorobenzene	< 0.28	ug/l	0.28	0.89	1	8260B		9/13/2013	CJR	1
1,2-Dichlorobenzene	< 0.36	ug/l	0.36	1.2	1	8260B		9/13/2013	CJR	1
Dichlorodifluoromethane	< 0.44	ug/l	0.44	1.4	1	8260B		9/13/2013	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		9/13/2013	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		9/13/2013	CJR	1
1,1-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B		9/13/2013	CJR	1
cis-1,2-Dichloroethene	< 0.38	ug/l	0.38	1.2	1	8260B		9/13/2013	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.1	1	8260B		9/13/2013	CJR	1
1,2-Dichloropropane	< 0.32	ug/l	0.32	1	1	8260B		9/13/2013	CJR	1
2,2-Dichloropropane	< 0.36	ug/l	0.36	1.2	1	8260B		9/13/2013	CJR	8
1,3-Dichloropropane	< 0.33	ug/l	0.33	1	1	8260B		9/13/2013	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B		9/13/2013	CJR	1
EDB (1,2-Dibromoethane)	< 0.44	ug/l	0.44	1.4	1	8260B		9/13/2013	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.7	1	8260B		9/13/2013	CJR	1
Hexachlorobutadiene	< 1.5	ug/l	1.5	4.8	1	8260B		9/13/2013	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	0.96	1	8260B		9/13/2013	CJR	1

Project Name HOFFMAN CLEANERS **Invoice #** E25721
Project #

Lab Code 5025721A
Sample ID 6200-MW-1
Sample Matrix Water
Sample Date 9/5/2013

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.98	1	8260B		9/13/2013	CJR	1
Methylene chloride	< 0.5	ug/l	0.5	1.6	1	8260B		9/13/2013	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.23	ug/l	0.23	0.74	1	8260B		9/13/2013	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.5	1	8260B		9/13/2013	CJR	1
n-Propylbenzene	< 0.25	ug/l	0.25	0.81	1	8260B		9/13/2013	CJR	1
1,1,2,2-Tetrachloroethane	< 0.45	ug/l	0.45	1.4	1	8260B		9/13/2013	CJR	1
1,1,1,2-Tetrachloroethane	< 0.33	ug/l	0.33	1.1	1	8260B		9/13/2013	CJR	1
Tetrachloroethene	5.2	ug/l	0.33	1.1	1	8260B		9/13/2013	CJR	1
Toluene	< 0.69	ug/l	0.69	2.2	1	8260B		9/13/2013	CJR	1
1,2,4-Trichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		9/13/2013	CJR	1
1,2,3-Trichlorobenzene	< 1.8	ug/l	1.8	5.8	1	8260B		9/13/2013	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1	1	8260B		9/13/2013	CJR	1
1,1,2-Trichloroethane	< 0.34	ug/l	0.34	1.1	1	8260B		9/13/2013	CJR	1
Trichloroethene (TCE)	< 0.33	ug/l	0.33	1	1	8260B		9/13/2013	CJR	1
Trichlorofluoromethane	< 0.71	ug/l	0.71	2.3	1	8260B		9/13/2013	CJR	1
1,2,4-Trimethylbenzene	< 2.2	ug/l	2.2	6.9	1	8260B		9/13/2013	CJR	1
1,3,5-Trimethylbenzene	< 1.4	ug/l	1.4	4.5	1	8260B		9/13/2013	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.57	1	8260B		9/13/2013	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.2	1	8260B		9/13/2013	CJR	1
o-Xylene	< 0.63	ug/l	0.63	2	1	8260B		9/13/2013	CJR	1
SUR - 4-Bromofluorobenzene	105	REC %			1	8260B		9/13/2013	CJR	1
SUR - Dibromofluoromethane	96	REC %			1	8260B		9/13/2013	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		9/13/2013	CJR	1
SUR - 1,2-Dichloroethane-d4	95	REC %			1	8260B		9/13/2013	CJR	1

Project Name HOFFMAN CLEANERS **Invoice #** E25721
Project #

Lab Code 5025721B
Sample ID 6200-MW-2
Sample Matrix Water
Sample Date 9/5/2013

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.77	1	8260B		9/13/2013	CJR	1
Bromobenzene	< 0.32	ug/l	0.32	1	1	8260B		9/13/2013	CJR	1
Bromodichloromethane	< 0.37	ug/l	0.37	1.2	1	8260B		9/13/2013	CJR	1
Bromoform	< 0.35	ug/l	0.35	1.1	1	8260B		9/13/2013	CJR	1
tert-Butylbenzene	< 0.36	ug/l	0.36	1.2	1	8260B		9/13/2013	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1	1	8260B		9/13/2013	CJR	1
n-Butylbenzene	< 0.35	ug/l	0.35	1.1	1	8260B		9/13/2013	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	8260B		9/13/2013	CJR	1
Chlorobenzene	< 0.24	ug/l	0.24	0.77	1	8260B		9/13/2013	CJR	1
Chloroethane	< 0.63	ug/l	0.63	2	1	8260B		9/13/2013	CJR	1
Chloroform	0.30 "J"	ug/l	0.28	0.88	1	8260B		9/13/2013	CJR	1
Chloromethane	< 0.81	ug/l	0.81	2.6	1	8260B		9/13/2013	CJR	1
2-Chlorotoluene	< 0.21	ug/l	0.21	0.66	1	8260B		9/13/2013	CJR	1
4-Chlorotoluene	< 0.21	ug/l	0.21	0.68	1	8260B		9/13/2013	CJR	1
1,2-Dibromo-3-chloropropane	< 0.88	ug/l	0.88	2.8	1	8260B		9/13/2013	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.7	1	8260B		9/13/2013	CJR	1
1,4-Dichlorobenzene	< 0.3	ug/l	0.3	0.96	1	8260B		9/13/2013	CJR	1
1,3-Dichlorobenzene	< 0.28	ug/l	0.28	0.89	1	8260B		9/13/2013	CJR	1
1,2-Dichlorobenzene	< 0.36	ug/l	0.36	1.2	1	8260B		9/13/2013	CJR	1
Dichlorodifluoromethane	< 0.44	ug/l	0.44	1.4	1	8260B		9/13/2013	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		9/13/2013	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		9/13/2013	CJR	1
1,1-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B		9/13/2013	CJR	1
cis-1,2-Dichloroethene	0.44 "J"	ug/l	0.38	1.2	1	8260B		9/13/2013	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.1	1	8260B		9/13/2013	CJR	1
1,2-Dichloropropane	< 0.32	ug/l	0.32	1	1	8260B		9/13/2013	CJR	1
2,2-Dichloropropane	< 0.36	ug/l	0.36	1.2	1	8260B		9/13/2013	CJR	8
1,3-Dichloropropane	< 0.33	ug/l	0.33	1	1	8260B		9/13/2013	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B		9/13/2013	CJR	1
EDB (1,2-Dibromoethane)	< 0.44	ug/l	0.44	1.4	1	8260B		9/13/2013	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.7	1	8260B		9/13/2013	CJR	1
Hexachlorobutadiene	< 1.5	ug/l	1.5	4.8	1	8260B		9/13/2013	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	0.96	1	8260B		9/13/2013	CJR	1
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.98	1	8260B		9/13/2013	CJR	1
Methylene chloride	< 0.5	ug/l	0.5	1.6	1	8260B		9/13/2013	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.23	ug/l	0.23	0.74	1	8260B		9/13/2013	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.5	1	8260B		9/13/2013	CJR	1
n-Propylbenzene	< 0.25	ug/l	0.25	0.81	1	8260B		9/13/2013	CJR	1
1,1,2,2-Tetrachloroethane	< 0.45	ug/l	0.45	1.4	1	8260B		9/13/2013	CJR	1
1,1,1,2-Tetrachloroethane	< 0.33	ug/l	0.33	1.1	1	8260B		9/13/2013	CJR	1
Tetrachloroethene	3.9	ug/l	0.33	1.1	1	8260B		9/13/2013	CJR	1
Toluene	< 0.69	ug/l	0.69	2.2	1	8260B		9/13/2013	CJR	1
1,2,4-Trichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		9/13/2013	CJR	1
1,2,3-Trichlorobenzene	< 1.8	ug/l	1.8	5.8	1	8260B		9/13/2013	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1	1	8260B		9/13/2013	CJR	1
1,1,2-Trichloroethane	< 0.34	ug/l	0.34	1.1	1	8260B		9/13/2013	CJR	1
Trichloroethene (TCE)	< 0.33	ug/l	0.33	1	1	8260B		9/13/2013	CJR	1
Trichlorofluoromethane	< 0.71	ug/l	0.71	2.3	1	8260B		9/13/2013	CJR	1
1,2,4-Trimethylbenzene	< 2.2	ug/l	2.2	6.9	1	8260B		9/13/2013	CJR	1
1,3,5-Trimethylbenzene	< 1.4	ug/l	1.4	4.5	1	8260B		9/13/2013	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.57	1	8260B		9/13/2013	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.2	1	8260B		9/13/2013	CJR	1
o-Xylene	< 0.63	ug/l	0.63	2	1	8260B		9/13/2013	CJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %			1	8260B		9/13/2013	CJR	1
SUR - 4-Bromofluorobenzene	101	REC %			1	8260B		9/13/2013	CJR	1
SUR - Dibromofluoromethane	101	REC %			1	8260B		9/13/2013	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		9/13/2013	CJR	1

Project Name HOFFMAN CLEANERS **Invoice #** E25721
Project #

Lab Code 5025721C
Sample ID 6200-MW-3
Sample Matrix Water
Sample Date 9/5/2013

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.77	1	8260B		9/13/2013	CJR	1
Bromobenzene	< 0.32	ug/l	0.32	1	1	8260B		9/13/2013	CJR	1
Bromodichloromethane	< 0.37	ug/l	0.37	1.2	1	8260B		9/13/2013	CJR	1
Bromoform	< 0.35	ug/l	0.35	1.1	1	8260B		9/13/2013	CJR	1
tert-Butylbenzene	< 0.36	ug/l	0.36	1.2	1	8260B		9/13/2013	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1	1	8260B		9/13/2013	CJR	1
n-Butylbenzene	< 0.35	ug/l	0.35	1.1	1	8260B		9/13/2013	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	8260B		9/13/2013	CJR	1
Chlorobenzene	< 0.24	ug/l	0.24	0.77	1	8260B		9/13/2013	CJR	1
Chloroethane	< 0.63	ug/l	0.63	2	1	8260B		9/13/2013	CJR	1
Chloroform	< 0.28	ug/l	0.28	0.88	1	8260B		9/13/2013	CJR	1
Chloromethane	< 0.81	ug/l	0.81	2.6	1	8260B		9/13/2013	CJR	1
2-Chlorotoluene	< 0.21	ug/l	0.21	0.66	1	8260B		9/13/2013	CJR	1
4-Chlorotoluene	< 0.21	ug/l	0.21	0.68	1	8260B		9/13/2013	CJR	1
1,2-Dibromo-3-chloropropane	< 0.88	ug/l	0.88	2.8	1	8260B		9/13/2013	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.7	1	8260B		9/13/2013	CJR	1
1,4-Dichlorobenzene	< 0.3	ug/l	0.3	0.96	1	8260B		9/13/2013	CJR	1
1,3-Dichlorobenzene	< 0.28	ug/l	0.28	0.89	1	8260B		9/13/2013	CJR	1
1,2-Dichlorobenzene	< 0.36	ug/l	0.36	1.2	1	8260B		9/13/2013	CJR	1
Dichlorodifluoromethane	< 0.44	ug/l	0.44	1.4	1	8260B		9/13/2013	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		9/13/2013	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		9/13/2013	CJR	1
1,1-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B		9/13/2013	CJR	1
cis-1,2-Dichloroethene	< 0.38	ug/l	0.38	1.2	1	8260B		9/13/2013	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.1	1	8260B		9/13/2013	CJR	1
1,2-Dichloropropane	< 0.32	ug/l	0.32	1	1	8260B		9/13/2013	CJR	1
2,2-Dichloropropane	< 0.36	ug/l	0.36	1.2	1	8260B		9/13/2013	CJR	8
1,3-Dichloropropane	< 0.33	ug/l	0.33	1	1	8260B		9/13/2013	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B		9/13/2013	CJR	1
EDB (1,2-Dibromoethane)	< 0.44	ug/l	0.44	1.4	1	8260B		9/13/2013	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.7	1	8260B		9/13/2013	CJR	1
Hexachlorobutadiene	< 1.5	ug/l	1.5	4.8	1	8260B		9/13/2013	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	0.96	1	8260B		9/13/2013	CJR	1
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.98	1	8260B		9/13/2013	CJR	1
Methylene chloride	< 0.5	ug/l	0.5	1.6	1	8260B		9/13/2013	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.23	ug/l	0.23	0.74	1	8260B		9/13/2013	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.5	1	8260B		9/13/2013	CJR	1
n-Propylbenzene	< 0.25	ug/l	0.25	0.81	1	8260B		9/13/2013	CJR	1
1,1,2,2-Tetrachloroethane	< 0.45	ug/l	0.45	1.4	1	8260B		9/13/2013	CJR	1
1,1,1,2-Tetrachloroethane	< 0.33	ug/l	0.33	1.1	1	8260B		9/13/2013	CJR	1
Tetrachloroethene	< 0.33	ug/l	0.33	1.1	1	8260B		9/13/2013	CJR	1
Toluene	< 0.69	ug/l	0.69	2.2	1	8260B		9/13/2013	CJR	1
1,2,4-Trichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		9/13/2013	CJR	1
1,2,3-Trichlorobenzene	< 1.8	ug/l	1.8	5.8	1	8260B		9/13/2013	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1	1	8260B		9/13/2013	CJR	1
1,1,2-Trichloroethane	< 0.34	ug/l	0.34	1.1	1	8260B		9/13/2013	CJR	1
Trichloroethene (TCE)	< 0.33	ug/l	0.33	1	1	8260B		9/13/2013	CJR	1
Trichlorofluoromethane	< 0.71	ug/l	0.71	2.3	1	8260B		9/13/2013	CJR	1
1,2,4-Trimethylbenzene	< 2.2	ug/l	2.2	6.9	1	8260B		9/13/2013	CJR	1
1,3,5-Trimethylbenzene	< 1.4	ug/l	1.4	4.5	1	8260B		9/13/2013	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.57	1	8260B		9/13/2013	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.2	1	8260B		9/13/2013	CJR	1
o-Xylene	< 0.63	ug/l	0.63	2	1	8260B		9/13/2013	CJR	1
SUR - Dibromofluoromethane	99	REC %			1	8260B		9/13/2013	CJR	1
SUR - 1,2-Dichloroethane-d4	95	REC %			1	8260B		9/13/2013	CJR	1
SUR - 4-Bromofluorobenzene	106	REC %			1	8260B		9/13/2013	CJR	1
SUR - Toluene-d8	101	REC %			1	8260B		9/13/2013	CJR	1

Project Name HOFFMAN CLEANERS **Invoice #** E25721
Project #

Lab Code 5025721D
Sample ID 6200-MW-DUP
Sample Matrix Water
Sample Date 9/5/2013

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.77	1	8260B		9/13/2013	CJR	1
Bromobenzene	< 0.32	ug/l	0.32	1	1	8260B		9/13/2013	CJR	1
Bromodichloromethane	< 0.37	ug/l	0.37	1.2	1	8260B		9/13/2013	CJR	1
Bromoform	< 0.35	ug/l	0.35	1.1	1	8260B		9/13/2013	CJR	1
tert-Butylbenzene	< 0.36	ug/l	0.36	1.2	1	8260B		9/13/2013	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1	1	8260B		9/13/2013	CJR	1
n-Butylbenzene	< 0.35	ug/l	0.35	1.1	1	8260B		9/13/2013	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	8260B		9/13/2013	CJR	1
Chlorobenzene	< 0.24	ug/l	0.24	0.77	1	8260B		9/13/2013	CJR	1
Chloroethane	< 0.63	ug/l	0.63	2	1	8260B		9/13/2013	CJR	1
Chloroform	< 0.28	ug/l	0.28	0.88	1	8260B		9/13/2013	CJR	1
Chloromethane	< 0.81	ug/l	0.81	2.6	1	8260B		9/13/2013	CJR	1
2-Chlorotoluene	< 0.21	ug/l	0.21	0.66	1	8260B		9/13/2013	CJR	1
4-Chlorotoluene	< 0.21	ug/l	0.21	0.68	1	8260B		9/13/2013	CJR	1
1,2-Dibromo-3-chloropropane	< 0.88	ug/l	0.88	2.8	1	8260B		9/13/2013	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.7	1	8260B		9/13/2013	CJR	1
1,4-Dichlorobenzene	< 0.3	ug/l	0.3	0.96	1	8260B		9/13/2013	CJR	1
1,3-Dichlorobenzene	< 0.28	ug/l	0.28	0.89	1	8260B		9/13/2013	CJR	1
1,2-Dichlorobenzene	< 0.36	ug/l	0.36	1.2	1	8260B		9/13/2013	CJR	1
Dichlorodifluoromethane	< 0.44	ug/l	0.44	1.4	1	8260B		9/13/2013	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		9/13/2013	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		9/13/2013	CJR	1
1,1-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B		9/13/2013	CJR	1
cis-1,2-Dichloroethene	0.40 "J"	ug/l	0.38	1.2	1	8260B		9/13/2013	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.1	1	8260B		9/13/2013	CJR	1
1,2-Dichloropropane	< 0.32	ug/l	0.32	1	1	8260B		9/13/2013	CJR	1
2,2-Dichloropropane	< 0.36	ug/l	0.36	1.2	1	8260B		9/13/2013	CJR	8
1,3-Dichloropropane	< 0.33	ug/l	0.33	1	1	8260B		9/13/2013	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B		9/13/2013	CJR	1
EDB (1,2-Dibromoethane)	< 0.44	ug/l	0.44	1.4	1	8260B		9/13/2013	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.7	1	8260B		9/13/2013	CJR	1
Hexachlorobutadiene	< 1.5	ug/l	1.5	4.8	1	8260B		9/13/2013	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	0.96	1	8260B		9/13/2013	CJR	1
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.98	1	8260B		9/13/2013	CJR	1
Methylene chloride	< 0.5	ug/l	0.5	1.6	1	8260B		9/13/2013	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.23	ug/l	0.23	0.74	1	8260B		9/13/2013	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.5	1	8260B		9/13/2013	CJR	1
n-Propylbenzene	< 0.25	ug/l	0.25	0.81	1	8260B		9/13/2013	CJR	1
1,1,2,2-Tetrachloroethane	< 0.45	ug/l	0.45	1.4	1	8260B		9/13/2013	CJR	1
1,1,1,2-Tetrachloroethane	< 0.33	ug/l	0.33	1.1	1	8260B		9/13/2013	CJR	1
Tetrachloroethene	3.8	ug/l	0.33	1.1	1	8260B		9/13/2013	CJR	1
Toluene	< 0.69	ug/l	0.69	2.2	1	8260B		9/13/2013	CJR	1
1,2,4-Trichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		9/13/2013	CJR	1
1,2,3-Trichlorobenzene	< 1.8	ug/l	1.8	5.8	1	8260B		9/13/2013	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1	1	8260B		9/13/2013	CJR	1
1,1,2-Trichloroethane	< 0.34	ug/l	0.34	1.1	1	8260B		9/13/2013	CJR	1
Trichloroethene (TCE)	< 0.33	ug/l	0.33	1	1	8260B		9/13/2013	CJR	1
Trichlorofluoromethane	< 0.71	ug/l	0.71	2.3	1	8260B		9/13/2013	CJR	1
1,2,4-Trimethylbenzene	< 2.2	ug/l	2.2	6.9	1	8260B		9/13/2013	CJR	1
1,3,5-Trimethylbenzene	< 1.4	ug/l	1.4	4.5	1	8260B		9/13/2013	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.57	1	8260B		9/13/2013	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.2	1	8260B		9/13/2013	CJR	1
o-Xylene	< 0.63	ug/l	0.63	2	1	8260B		9/13/2013	CJR	1
SUR - 4-Bromofluorobenzene	105	REC %			1	8260B		9/13/2013	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		9/13/2013	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		9/13/2013	CJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %			1	8260B		9/13/2013	CJR	1

Project Name HOFFMAN CLEANERS **Invoice #** E25721
Project #

Lab Code 5025721E
Sample ID 6200-FIELD BLANK
Sample Matrix Water
Sample Date 9/5/2013

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.77	1	8260B		9/12/2013	CJR	1
Bromobenzene	< 0.32	ug/l	0.32	1	1	8260B		9/12/2013	CJR	1
Bromodichloromethane	< 0.37	ug/l	0.37	1.2	1	8260B		9/12/2013	CJR	1
Bromoform	< 0.35	ug/l	0.35	1.1	1	8260B		9/12/2013	CJR	1
tert-Butylbenzene	< 0.36	ug/l	0.36	1.2	1	8260B		9/12/2013	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1	1	8260B		9/12/2013	CJR	1
n-Butylbenzene	< 0.35	ug/l	0.35	1.1	1	8260B		9/12/2013	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	8260B		9/12/2013	CJR	1
Chlorobenzene	< 0.24	ug/l	0.24	0.77	1	8260B		9/12/2013	CJR	1
Chloroethane	< 0.63	ug/l	0.63	2	1	8260B		9/12/2013	CJR	1
Chloroform	< 0.28	ug/l	0.28	0.88	1	8260B		9/12/2013	CJR	1
Chloromethane	< 0.81	ug/l	0.81	2.6	1	8260B		9/12/2013	CJR	1
2-Chlorotoluene	< 0.21	ug/l	0.21	0.66	1	8260B		9/12/2013	CJR	1
4-Chlorotoluene	< 0.21	ug/l	0.21	0.68	1	8260B		9/12/2013	CJR	1
1,2-Dibromo-3-chloropropane	< 0.88	ug/l	0.88	2.8	1	8260B		9/12/2013	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.7	1	8260B		9/12/2013	CJR	1
1,4-Dichlorobenzene	< 0.3	ug/l	0.3	0.96	1	8260B		9/12/2013	CJR	1
1,3-Dichlorobenzene	< 0.28	ug/l	0.28	0.89	1	8260B		9/12/2013	CJR	1
1,2-Dichlorobenzene	< 0.36	ug/l	0.36	1.2	1	8260B		9/12/2013	CJR	1
Dichlorodifluoromethane	< 0.44	ug/l	0.44	1.4	1	8260B		9/12/2013	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		9/12/2013	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		9/12/2013	CJR	1
1,1-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B		9/12/2013	CJR	1
cis-1,2-Dichloroethene	< 0.38	ug/l	0.38	1.2	1	8260B		9/12/2013	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.1	1	8260B		9/12/2013	CJR	1
1,2-Dichloropropane	< 0.32	ug/l	0.32	1	1	8260B		9/12/2013	CJR	1
2,2-Dichloropropane	< 0.36	ug/l	0.36	1.2	1	8260B		9/12/2013	CJR	8
1,3-Dichloropropane	< 0.33	ug/l	0.33	1	1	8260B		9/12/2013	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B		9/12/2013	CJR	1
EDB (1,2-Dibromoethane)	< 0.44	ug/l	0.44	1.4	1	8260B		9/12/2013	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.7	1	8260B		9/12/2013	CJR	1
Hexachlorobutadiene	< 1.5	ug/l	1.5	4.8	1	8260B		9/12/2013	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	0.96	1	8260B		9/12/2013	CJR	1
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.98	1	8260B		9/12/2013	CJR	1
Methylene chloride	< 0.5	ug/l	0.5	1.6	1	8260B		9/12/2013	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.23	ug/l	0.23	0.74	1	8260B		9/12/2013	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.5	1	8260B		9/12/2013	CJR	1
n-Propylbenzene	< 0.25	ug/l	0.25	0.81	1	8260B		9/12/2013	CJR	1
1,1,2,2-Tetrachloroethane	< 0.45	ug/l	0.45	1.4	1	8260B		9/12/2013	CJR	1
1,1,1,2-Tetrachloroethane	< 0.33	ug/l	0.33	1.1	1	8260B		9/12/2013	CJR	1
Tetrachloroethene	< 0.33	ug/l	0.33	1.1	1	8260B		9/12/2013	CJR	1
Toluene	< 0.69	ug/l	0.69	2.2	1	8260B		9/12/2013	CJR	1
1,2,4-Trichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		9/12/2013	CJR	1
1,2,3-Trichlorobenzene	< 1.8	ug/l	1.8	5.8	1	8260B		9/12/2013	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1	1	8260B		9/12/2013	CJR	1
1,1,2-Trichloroethane	< 0.34	ug/l	0.34	1.1	1	8260B		9/12/2013	CJR	1
Trichloroethene (TCE)	< 0.33	ug/l	0.33	1	1	8260B		9/12/2013	CJR	1
Trichlorofluoromethane	< 0.71	ug/l	0.71	2.3	1	8260B		9/12/2013	CJR	1
1,2,4-Trimethylbenzene	< 2.2	ug/l	2.2	6.9	1	8260B		9/12/2013	CJR	1
1,3,5-Trimethylbenzene	< 1.4	ug/l	1.4	4.5	1	8260B		9/12/2013	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.57	1	8260B		9/12/2013	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.2	1	8260B		9/12/2013	CJR	1
o-Xylene	< 0.63	ug/l	0.63	2	1	8260B		9/12/2013	CJR	1
SUR - 1,2-Dichloroethane-d4	93	REC %			1	8260B		9/12/2013	CJR	1
SUR - 4-Bromofluorobenzene	108	REC %			1	8260B		9/12/2013	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		9/12/2013	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		9/12/2013	CJR	1

Project Name HOFFMAN CLEANERS **Invoice #** E25721
Project #

Lab Code 5025721F
Sample ID TRIP BLANK
Sample Matrix Water
Sample Date 9/5/2013

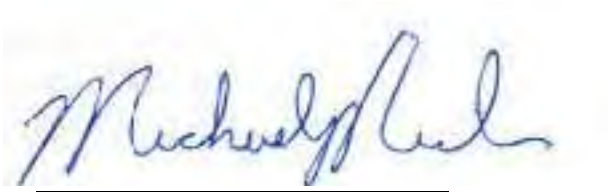
	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.77	1	8260B		9/12/2013	CJR	1
Bromobenzene	< 0.32	ug/l	0.32	1	1	8260B		9/12/2013	CJR	1
Bromodichloromethane	< 0.37	ug/l	0.37	1.2	1	8260B		9/12/2013	CJR	1
Bromoform	< 0.35	ug/l	0.35	1.1	1	8260B		9/12/2013	CJR	1
tert-Butylbenzene	< 0.36	ug/l	0.36	1.2	1	8260B		9/12/2013	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1	1	8260B		9/12/2013	CJR	1
n-Butylbenzene	< 0.35	ug/l	0.35	1.1	1	8260B		9/12/2013	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	8260B		9/12/2013	CJR	1
Chlorobenzene	< 0.24	ug/l	0.24	0.77	1	8260B		9/12/2013	CJR	1
Chloroethane	< 0.63	ug/l	0.63	2	1	8260B		9/12/2013	CJR	1
Chloroform	< 0.28	ug/l	0.28	0.88	1	8260B		9/12/2013	CJR	1
Chloromethane	< 0.81	ug/l	0.81	2.6	1	8260B		9/12/2013	CJR	1
2-Chlorotoluene	< 0.21	ug/l	0.21	0.66	1	8260B		9/12/2013	CJR	1
4-Chlorotoluene	< 0.21	ug/l	0.21	0.68	1	8260B		9/12/2013	CJR	1
1,2-Dibromo-3-chloropropane	< 0.88	ug/l	0.88	2.8	1	8260B		9/12/2013	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.7	1	8260B		9/12/2013	CJR	1
1,4-Dichlorobenzene	< 0.3	ug/l	0.3	0.96	1	8260B		9/12/2013	CJR	1
1,3-Dichlorobenzene	< 0.28	ug/l	0.28	0.89	1	8260B		9/12/2013	CJR	1
1,2-Dichlorobenzene	< 0.36	ug/l	0.36	1.2	1	8260B		9/12/2013	CJR	1
Dichlorodifluoromethane	< 0.44	ug/l	0.44	1.4	1	8260B		9/12/2013	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		9/12/2013	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		9/12/2013	CJR	1
1,1-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B		9/12/2013	CJR	1
cis-1,2-Dichloroethene	< 0.38	ug/l	0.38	1.2	1	8260B		9/12/2013	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.1	1	8260B		9/12/2013	CJR	1
1,2-Dichloropropane	< 0.32	ug/l	0.32	1	1	8260B		9/12/2013	CJR	1
2,2-Dichloropropane	< 0.36	ug/l	0.36	1.2	1	8260B		9/12/2013	CJR	8
1,3-Dichloropropane	< 0.33	ug/l	0.33	1	1	8260B		9/12/2013	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B		9/12/2013	CJR	1
EDB (1,2-Dibromoethane)	< 0.44	ug/l	0.44	1.4	1	8260B		9/12/2013	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.7	1	8260B		9/12/2013	CJR	1
Hexachlorobutadiene	< 1.5	ug/l	1.5	4.8	1	8260B		9/12/2013	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	0.96	1	8260B		9/12/2013	CJR	1
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.98	1	8260B		9/12/2013	CJR	1
Methylene chloride	< 0.5	ug/l	0.5	1.6	1	8260B		9/12/2013	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.23	ug/l	0.23	0.74	1	8260B		9/12/2013	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.5	1	8260B		9/12/2013	CJR	1
n-Propylbenzene	< 0.25	ug/l	0.25	0.81	1	8260B		9/12/2013	CJR	1
1,1,2,2-Tetrachloroethane	< 0.45	ug/l	0.45	1.4	1	8260B		9/12/2013	CJR	1
1,1,1,2-Tetrachloroethane	< 0.33	ug/l	0.33	1.1	1	8260B		9/12/2013	CJR	1
Tetrachloroethene	< 0.33	ug/l	0.33	1.1	1	8260B		9/12/2013	CJR	1
Toluene	< 0.69	ug/l	0.69	2.2	1	8260B		9/12/2013	CJR	1
1,2,4-Trichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		9/12/2013	CJR	1
1,2,3-Trichlorobenzene	< 1.8	ug/l	1.8	5.8	1	8260B		9/12/2013	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1	1	8260B		9/12/2013	CJR	1
1,1,2-Trichloroethane	< 0.34	ug/l	0.34	1.1	1	8260B		9/12/2013	CJR	1
Trichloroethene (TCE)	< 0.33	ug/l	0.33	1	1	8260B		9/12/2013	CJR	1
Trichlorofluoromethane	< 0.71	ug/l	0.71	2.3	1	8260B		9/12/2013	CJR	1
1,2,4-Trimethylbenzene	< 2.2	ug/l	2.2	6.9	1	8260B		9/12/2013	CJR	1
1,3,5-Trimethylbenzene	< 1.4	ug/l	1.4	4.5	1	8260B		9/12/2013	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.57	1	8260B		9/12/2013	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.2	1	8260B		9/12/2013	CJR	1
o-Xylene	< 0.63	ug/l	0.63	2	1	8260B		9/12/2013	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		9/12/2013	CJR	1
SUR - 1,2-Dichloroethane-d4	95	REC %			1	8260B		9/12/2013	CJR	1
SUR - 4-Bromofluorobenzene	107	REC %			1	8260B		9/12/2013	CJR	1
SUR - Dibromofluoromethane	95	REC %			1	8260B		9/12/2013	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.
8	Closing calibration standard not within established 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



CHAIN OF CUSTODY RECORD

Synergy

Environmental Lab, Inc.

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

Chain # Nº 242

Page 1 of 1

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

Lab I.D. #

Account No. | Quote No.:

Project #:

Sampler: (signature)

Project (Name / Location): Hoffman Cleaners - Wauwatosa WI

Reports To: Brian Kapperman / Wayne Fossbender	Invoice To: Helena Shumekova
Company Enviroforensics	Company Enviroforensics
Address N16 W23390 Stone Ridge Dr	Address 602 N Capitol Ave
City State Zip Waukesha WI 53188	City State Zip Indianapolis IN 46204
Phone 414-982-3988	Phone 317-972-7870
FAX	FAX

Analysis Requested | **Other Analysis**

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS	PID/FID
502572LA	6700-MW-1	9/5/13	11:30		X	N	3	GW	HCl												X		
B	6700-MW-2		10:30		X	N	3	GW	HCl												X		
C	6700-MW-3		9:40		X	N	3	GW	HCl												X		
D	6700-MW-DUP				X	N	3	GW	HCl												X		
E	6700-Field Blank						1														X		
F	TRIP BLANK						1														X		

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

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

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	12:05	9/6/2013		12:05	

Received in Laboratory By: Time: 10:00 Date: 9/7/13

Synergy Environmental Lab, INC.

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

WAYNE FASSBENDER
ENVIROFORENSICS
825 N. CAPITOL AVENUE
INDIANAPOLIS, IN 46204

Report Date *28-Sep-16*

Project Name FMR HOFFMAN'S VALET CLEANERS **Invoice #** E31739
Project # 6200 PO#20169047

Lab Code 5031739A
Sample ID 6200 MW-1
Sample Matrix Water
Sample Date 9/15/2016

	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		9/24/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		9/24/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		9/24/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		9/24/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		9/24/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		9/24/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		9/24/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		9/24/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		9/24/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		9/24/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		9/24/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		9/24/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		9/24/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		9/24/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		9/24/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		9/24/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		9/24/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		9/24/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		9/24/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		9/24/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		9/24/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		9/24/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		9/24/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		9/24/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		9/24/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		9/24/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		9/24/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		9/24/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		9/24/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		9/24/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		9/24/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		9/24/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		9/24/2016	CJR	1

Project Name FMR HOFFMAN'S VALET CLEANERS **Invoice #** E31739
Project # 6200 PO#20169047

Lab Code 5031739A
Sample ID 6200 MW-1
Sample Matrix Water
Sample Date 9/15/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		9/24/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		9/24/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		9/24/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		9/24/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		9/24/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		9/24/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		9/24/2016	CJR	1
Tetrachloroethene	6.3	ug/l	0.49	1.5	1	8260B		9/24/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		9/24/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		9/24/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		9/24/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		9/24/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		9/24/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		9/24/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		9/24/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		9/24/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		9/24/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		9/24/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		9/24/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		9/24/2016	CJR	1
SUR - Toluene-d8	92	REC %			1	8260B		9/24/2016	CJR	1
SUR - Dibromofluoromethane	148	REC %			1	8260B		9/24/2016	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %			1	8260B		9/24/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	139	REC %			1	8260B		9/24/2016	CJR	1

Project Name FMR HOFFMAN'S VALET CLEANERS **Invoice #** E31739
Project # 6200 PO#20169047

Lab Code 5031739B
Sample ID 6200 MW-2
Sample Matrix Water
Sample Date 9/15/2016

	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		9/24/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		9/24/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		9/24/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		9/24/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		9/24/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		9/24/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		9/24/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		9/24/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		9/24/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		9/24/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		9/24/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		9/24/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		9/24/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		9/24/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		9/24/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		9/24/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		9/24/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		9/24/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		9/24/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		9/24/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		9/24/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		9/24/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		9/24/2016	CJR	1
cis-1,2-Dichloroethene	0.73 "J"	ug/l	0.45	1.4	1	8260B		9/24/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		9/24/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		9/24/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		9/24/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		9/24/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		9/24/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		9/24/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		9/24/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		9/24/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		9/24/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		9/24/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		9/24/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		9/24/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		9/24/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		9/24/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		9/24/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		9/24/2016	CJR	1
Tetrachloroethene	1.37 "J"	ug/l	0.49	1.5	1	8260B		9/24/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		9/24/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		9/24/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		9/24/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		9/24/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		9/24/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		9/24/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		9/24/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		9/24/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		9/24/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		9/24/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		9/24/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		9/24/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	103	REC %			1	8260B		9/24/2016	CJR	1
SUR - 4-Bromofluorobenzene	140	REC %			1	8260B		9/24/2016	CJR	1
SUR - Dibromofluoromethane	101	REC %			1	8260B		9/24/2016	CJR	1
SUR - Toluene-d8	101	REC %			1	8260B		9/24/2016	CJR	1

Project Name FMR HOFFMAN'S VALET CLEANERS **Invoice #** E31739
Project # 6200 PO#20169047

Lab Code 5031739C
Sample ID 6200 MW-3
Sample Matrix Water
Sample Date 9/15/2016

	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		9/26/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		9/26/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		9/26/2016	CJR	23
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		9/26/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		9/26/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		9/26/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		9/26/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		9/26/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		9/26/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		9/26/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		9/26/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		9/26/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		9/26/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		9/26/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		9/26/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		9/26/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		9/26/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		9/26/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		9/26/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		9/26/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		9/26/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		9/26/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		9/26/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		9/26/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		9/26/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		9/26/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		9/26/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		9/26/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		9/26/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		9/26/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		9/26/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		9/26/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		9/26/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		9/26/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		9/26/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		9/26/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		9/26/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		9/26/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		9/26/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		9/26/2016	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		9/26/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		9/26/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		9/26/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		9/26/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		9/26/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		9/26/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		9/26/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		9/26/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		9/26/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		9/26/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		9/26/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		9/26/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		9/26/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B		9/26/2016	CJR	1
SUR - Toluene-d8	102	REC %			1	8260B		9/26/2016	CJR	1
SUR - 4-Bromofluorobenzene	104	REC %			1	8260B		9/26/2016	CJR	1
SUR - Dibromofluoromethane	92	REC %			1	8260B		9/26/2016	CJR	1

Project Name FMR HOFFMAN'S VALET CLEANERS **Invoice #** E31739
Project # 6200 PO#20169047

Lab Code 5031739D
Sample ID 6200 DUP-1
Sample Matrix Water
Sample Date 9/15/2016

	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		9/26/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		9/26/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		9/26/2016	CJR	23
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		9/26/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		9/26/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		9/26/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		9/26/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		9/26/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		9/26/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		9/26/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		9/26/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		9/26/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		9/26/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		9/26/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		9/26/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		9/26/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		9/26/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		9/26/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		9/26/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		9/26/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		9/26/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		9/26/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		9/26/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		9/26/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		9/26/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		9/26/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		9/26/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		9/26/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		9/26/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		9/26/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		9/26/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		9/26/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		9/26/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		9/26/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		9/26/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		9/26/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		9/26/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		9/26/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		9/26/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		9/26/2016	CJR	1
Tetrachloroethene	7.4	ug/l	0.49	1.5	1	8260B		9/26/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		9/26/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		9/26/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		9/26/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		9/26/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		9/26/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		9/26/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		9/26/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		9/26/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		9/26/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		9/26/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		9/26/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		9/26/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %			1	8260B		9/26/2016	CJR	1
SUR - 4-Bromofluorobenzene	102	REC %			1	8260B		9/26/2016	CJR	1
SUR - Dibromofluoromethane	95	REC %			1	8260B		9/26/2016	CJR	1
SUR - Toluene-d8	103	REC %			1	8260B		9/26/2016	CJR	1

Project Name FMR HOFFMAN'S VALET CLEANERS **Invoice #** E31739
Project # 6200 PO#20169047

Lab Code 5031739E
Sample ID 6200 EB-1
Sample Matrix Water
Sample Date 9/15/2016

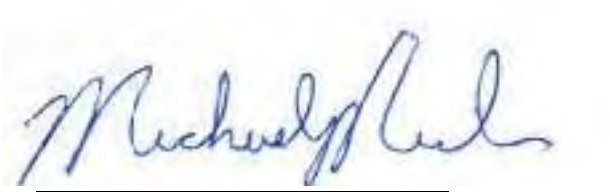
	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		9/20/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		9/20/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		9/20/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		9/20/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		9/20/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		9/20/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		9/20/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		9/20/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		9/20/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		9/20/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		9/20/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		9/20/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		9/20/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		9/20/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		9/20/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		9/20/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		9/20/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		9/20/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		9/20/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		9/20/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		9/20/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		9/20/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		9/20/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		9/20/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		9/20/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		9/20/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		9/20/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		9/20/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		9/20/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		9/20/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		9/20/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		9/20/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		9/20/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		9/20/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		9/20/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		9/20/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		9/20/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		9/20/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		9/20/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		9/20/2016	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		9/20/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		9/20/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		9/20/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		9/20/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		9/20/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		9/20/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		9/20/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		9/20/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		9/20/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		9/20/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		9/20/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		9/20/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		9/20/2016	CJR	1
SUR - Toluene-d8	99	REC %			1	8260B		9/20/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B		9/20/2016	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %			1	8260B		9/20/2016	CJR	1
SUR - Dibromofluoromethane	106	REC %			1	8260B		9/20/2016	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.
23	Area percent recovery less than 50%.

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



CHAIN OF JSTODY RECORD

Synergy

Environmental Lab, Inc.

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

Chain # N2 282

Page 1 of 1

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

Lab I.D. #	
Account No.	Quote No.:
Project #: 6200	
Sampler: (signature)	
Project (Name / Location): Former Heffman's Valet Cleaners / Waukesha WI	
Reports To: W. Fassbender / R. Hemstead	Invoice To:
Company EnviroForensics	Company
Address N16 W23890 Stone Ridge Dr. Ste 69	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	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	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 542.2)	VOC (EPA 8260) Dry Cleaner List	8-RCRA METALS	PID/ FID
503739A	6200-MW-1	9/15/14	945		X	N	3	GW	HCl													X		
B	6200-MW-2	9/15/14	1030		X	N	3	GW	HCl													X		
C	6200-MW-3	9/15/14	1105		X	N	3	GW	HCl													X		
D	6200-Dup-1	9/15/14	-		X	N	3	GW	HCl													X		
E	6200-EB-1	9/15/14	911		X	N	3	GW	HCl													X		
F	TRIP BLANK	-	-				1															X		

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

PO# 20169047

Analyze for PCE, TCE, cis 1,2/Trans 1,2 DCE & Vinyl chloride only!

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

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	1310	9/16/14		13:11	9/16/14

Received in Laboratory By: Time: 10:00 Date: 9/17/14

Synergy Environmental Lab, INC.

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

WAYNE FASSBENDER
ENVIROFORENSICS
825 N. CAPITOL AVENUE
INDIANAPOLIS, IN 46204

Report Date *30-Sep-16*

Project Name FMR HOFFMAN'S VALET CLEANERS **Invoice #** E31740
Project # 6200 PO#20169047

Lab Code 5031740A
Sample ID 6200 SB-1 2-3
Sample Matrix Soil
Sample Date 9/15/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	79.3	%			1	5021		9/19/2016	NJC	1
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		9/23/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		9/23/2016	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		9/23/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		9/23/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		9/23/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	98	Rec %			1	8260B		9/23/2016	CJR	1
SUR - 4-Bromofluorobenzene	102	Rec %			1	8260B		9/23/2016	CJR	1
SUR - Dibromofluoromethane	94	Rec %			1	8260B		9/23/2016	CJR	1
SUR - Toluene-d8	98	Rec %			1	8260B		9/23/2016	CJR	1

Project Name FMR HOFFMAN'S VALET CLEANERS **Invoice #** E31740
Project # 6200 PO#20169047

Lab Code 5031740B
Sample ID 6200 SB-1 9-10
Sample Matrix Soil
Sample Date 9/15/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.3	%			1	5021		9/19/2016	NJC	1
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		9/23/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		9/23/2016	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		9/23/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		9/23/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		9/23/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	104	Rec %			1	8260B		9/23/2016	CJR	1
SUR - 4-Bromofluorobenzene	101	Rec %			1	8260B		9/23/2016	CJR	1
SUR - Dibromofluoromethane	99	Rec %			1	8260B		9/23/2016	CJR	1
SUR - Toluene-d8	96	Rec %			1	8260B		9/23/2016	CJR	1

Lab Code 5031740C
Sample ID 6200 SB-2 2-3
Sample Matrix Soil
Sample Date 9/15/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	79.4	%			1	5021		9/19/2016	NJC	1
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		9/23/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		9/23/2016	CJR	1
Tetrachloroethene	0.13 "J"	mg/kg	0.054	0.17	1	8260B		9/23/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		9/23/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		9/23/2016	CJR	1
SUR - Toluene-d8	94	Rec %			1	8260B		9/23/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	102	Rec %			1	8260B		9/23/2016	CJR	1
SUR - 4-Bromofluorobenzene	103	Rec %			1	8260B		9/23/2016	CJR	1
SUR - Dibromofluoromethane	102	Rec %			1	8260B		9/23/2016	CJR	1

Project Name FMR HOFFMAN'S VALET CLEANERS **Invoice #** E31740
Project # 6200 PO#20169047

Lab Code 5031740D
Sample ID 6200 SB-2 9-10
Sample Matrix Soil
Sample Date 9/15/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.8	%			1	5021		9/19/2016	NJC	1
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		9/23/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		9/23/2016	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		9/23/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		9/23/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		9/23/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	101	Rec %			1	8260B		9/23/2016	CJR	1
SUR - 4-Bromofluorobenzene	100	Rec %			1	8260B		9/23/2016	CJR	1
SUR - Dibromofluoromethane	96	Rec %			1	8260B		9/23/2016	CJR	1
SUR - Toluene-d8	96	Rec %			1	8260B		9/23/2016	CJR	1

Lab Code 5031740E
Sample ID 6200 SB-3 2-4
Sample Matrix Soil
Sample Date 9/15/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	79.9	%			1	5021		9/19/2016	NJC	1
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		9/23/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		9/23/2016	CJR	1
Tetrachloroethene	0.32	mg/kg	0.054	0.17	1	8260B		9/23/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		9/23/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		9/23/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	97	Rec %			1	8260B		9/23/2016	CJR	1
SUR - 4-Bromofluorobenzene	102	Rec %			1	8260B		9/23/2016	CJR	1
SUR - Dibromofluoromethane	95	Rec %			1	8260B		9/23/2016	CJR	1
SUR - Toluene-d8	95	Rec %			1	8260B		9/23/2016	CJR	1

Project Name FMR HOFFMAN'S VALET CLEANERS **Invoice #** E31740
Project # 6200 PO#20169047

Lab Code 5031740F
Sample ID 6200 SB-3 9-10
Sample Matrix Soil
Sample Date 9/15/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.6	%			1	5021		9/19/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.16	mg/kg	0.16	0.49	10	8260B		9/27/2016	CJR	1
Bromobenzene	< 0.39	mg/kg	0.39	1.2	10	8260B		9/27/2016	CJR	1
Bromodichloromethane	< 0.15	mg/kg	0.15	0.48	10	8260B		9/27/2016	CJR	1
Bromoform	< 0.23	mg/kg	0.23	0.73	10	8260B		9/27/2016	CJR	1
tert-Butylbenzene	< 0.35	mg/kg	0.35	1.1	10	8260B		9/27/2016	CJR	1
sec-Butylbenzene	< 0.36	mg/kg	0.36	1.1	10	8260B		9/27/2016	CJR	1
n-Butylbenzene	< 0.86	mg/kg	0.86	2.7	10	8260B		9/27/2016	CJR	1
Carbon Tetrachloride	< 0.21	mg/kg	0.21	0.67	10	8260B		9/27/2016	CJR	1
Chlorobenzene	< 0.39	mg/kg	0.39	1.2	10	8260B		9/27/2016	CJR	1
Chloroethane	< 0.45	mg/kg	0.45	1.4	10	8260B		9/27/2016	CJR	1
Chloroform	< 0.26	mg/kg	0.26	0.81	10	8260B		9/27/2016	CJR	1
Chloromethane	< 2.5	mg/kg	2.5	7.8	10	8260B		9/27/2016	CJR	1
2-Chlorotoluene	< 0.29	mg/kg	0.29	0.93	10	8260B		9/27/2016	CJR	1
4-Chlorotoluene	< 0.32	mg/kg	0.32	1	10	8260B		9/27/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.78	mg/kg	0.78	2.5	10	8260B		9/27/2016	CJR	1
Dibromochloromethane	< 0.31	mg/kg	0.31	0.98	10	8260B		9/27/2016	CJR	1
1,4-Dichlorobenzene	< 0.3	mg/kg	0.3	0.96	10	8260B		9/27/2016	CJR	1
1,3-Dichlorobenzene	< 0.3	mg/kg	0.3	0.97	10	8260B		9/27/2016	CJR	1
1,2-Dichlorobenzene	< 0.39	mg/kg	0.39	1.2	10	8260B		9/27/2016	CJR	1
Dichlorodifluoromethane	< 0.43	mg/kg	0.43	1.4	10	8260B		9/27/2016	CJR	1
1,2-Dichloroethane	< 0.3	mg/kg	0.3	0.96	10	8260B		9/27/2016	CJR	1
1,1-Dichloroethane	< 0.25	mg/kg	0.25	0.79	10	8260B		9/27/2016	CJR	1
1,1-Dichloroethene	< 0.29	mg/kg	0.29	0.93	10	8260B		9/27/2016	CJR	1
cis-1,2-Dichloroethene	0.208	mg/kg	0.021	0.068	1	8260B		9/23/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		9/23/2016	CJR	1
1,2-Dichloropropane	< 0.25	mg/kg	0.25	0.78	10	8260B		9/27/2016	CJR	1
2,2-Dichloropropane	< 1	mg/kg	1	3.3	10	8260B		9/27/2016	CJR	1
1,3-Dichloropropane	< 0.31	mg/kg	0.31	0.97	10	8260B		9/27/2016	CJR	1
Di-isopropyl ether	< 0.12	mg/kg	0.12	0.4	10	8260B		9/27/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.35	mg/kg	0.35	1.1	10	8260B		9/27/2016	CJR	1
Ethylbenzene	< 0.27	mg/kg	0.27	0.86	10	8260B		9/27/2016	CJR	1
Hexachlorobutadiene	< 1.1	mg/kg	1.1	3.6	10	8260B		9/27/2016	CJR	1
Isopropylbenzene	< 0.37	mg/kg	0.37	1.2	10	8260B		9/27/2016	CJR	1
p-Isopropyltoluene	< 0.56	mg/kg	0.56	1.8	10	8260B		9/27/2016	CJR	1
Methylene chloride	< 2.2	mg/kg	2.2	7	10	8260B		9/27/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.25	mg/kg	0.25	0.78	10	8260B		9/27/2016	CJR	1
Naphthalene	< 0.87	mg/kg	0.87	2.8	10	8260B		9/27/2016	CJR	1
n-Propylbenzene	< 0.35	mg/kg	0.35	1.1	10	8260B		9/27/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.13	mg/kg	0.13	0.4	10	8260B		9/27/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.29	mg/kg	0.29	0.93	10	8260B		9/27/2016	CJR	1
Tetrachloroethene	48	mg/kg	0.54	1.7	10	8260B		9/27/2016	CJR	1
Toluene	< 0.31	mg/kg	0.31	0.99	10	8260B		9/27/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.85	mg/kg	0.85	2.7	10	8260B		9/27/2016	CJR	1
1,2,3-Trichlorobenzene	< 1.2	mg/kg	1.2	3.8	10	8260B		9/27/2016	CJR	1
1,1,1-Trichloroethane	< 0.4	mg/kg	0.4	1.3	10	8260B		9/27/2016	CJR	1
1,1,2-Trichloroethane	< 0.33	mg/kg	0.33	1.1	10	8260B		9/27/2016	CJR	1
Trichloroethene (TCE)	0.199	mg/kg	0.042	0.13	1	8260B		9/23/2016	CJR	1
Trichlorofluoromethane	< 0.6	mg/kg	0.6	1.9	10	8260B		9/27/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.78	mg/kg	0.78	2.5	10	8260B		9/27/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.89	mg/kg	0.89	2.8	10	8260B		9/27/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		9/23/2016	CJR	1
m&p-Xylene	< 0.7	mg/kg	0.7	2.2	10	8260B		9/27/2016	CJR	1
o-Xylene	< 0.29	mg/kg	0.29	0.92	10	8260B		9/27/2016	CJR	1

Project Name FMR HOFFMAN'S VALET CLEANERS **Invoice #** E31740
Project # 6200 PO#20169047

Lab Code 5031740F
Sample ID 6200 SB-3 9-10
Sample Matrix Soil
Sample Date 9/15/2016

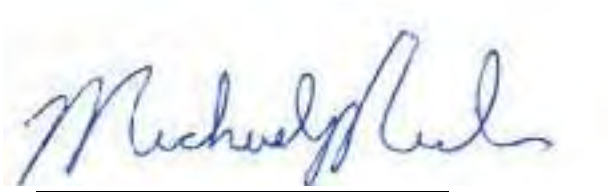
	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Toluene-d8	97	Rec %			1	8260B		9/23/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	96	Rec %			1	8260B		9/23/2016	CJR	1
SUR - 4-Bromofluorobenzene	104	Rec %			1	8260B		9/23/2016	CJR	1
SUR - Dibromofluoromethane	92	Rec %			1	8260B		9/23/2016	CJR	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



CHAIN OF JSTODY RECORD

Synergy Environmental Lab, Inc.

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

Chain # N2 282

Page 1 of 1

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

Lab I.D. #

Account No. : | **Quote No.:**

Project #: 6200

Sampler: (signature)

Project (Name / Location): Former Hoffmans Valet Cleaners / Watertown, WI

Reports To: W. Frassbendy / K. Heumstead	Invoice To:
Company Enviro Forensics	Company
Address NKo W23390 Stone Ridge Dr. Ste G	Address
City State Zip Waukesha, WI 53188	City State Zip
Phone 317-977-7870	Phone
FAX	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
503440A	6200-SB-1-(2-3)	9/15/16	1135		X		2	S	MeOH
B	6200-SB-1-(9-10)		1140						
C	6200-SB-2-(2-3)		1200						
D	6200-SB-2-(9-10)		1205						
E	6200-SB-3-(2-4)								
F	6200-SB-3-(9-10)								

Analysis Requested

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 542.2)	VOC (EPA 8260) Dry cleaner List	8-RCRA METALS	PID/FID
												X		
												X		
												X		
												X		
												X		
												X		

Other Analysis

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

Analyze for PCE, TCE, Cis 1,2/Trans 1,2 DCE & Vinyl Chloride only!

PO# 20169047

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

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	1310	9/16/16		1380	9/16/16

Received in Laboratory By: Time: 10:00 Date: 9/17/16

APPENDIX H

Soil Gas, Sub-Slab Vapor, and Air Laboratory Analytical Reports

EnvisionAir
1437 Sadlier Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

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

September 20, 2013

ENVision Project Number: 2013-312
Client Project Name: Hoffmans Cleaners - 6200

Dear Mr. Kappen,

Please find the attached analytical report for the samples received September 9, 2013. 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,

David Norris

Client Services Manager
EnvisionAir

EnvisionAir
1437 Sadlier Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

Client Name: ENVIROFORENSICS

Project ID: HOFFMAN CLEANERS - 6200

Client Project Manager: BRIAN KAPPEN

EnvisionAir Project Number: 2013-312

Sample Summary

Canister Pressure / Vacuum

Laboratory Sample Number:	Sample Description:	Matrix:	START Date Collected:	START Time Collected:	End Date Collected:	End Time Collected:	Date Received:	Time Received	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)
13-1122	6200-7219-IA	A	9/4/13	11:20	9/4/13	19:20	9/9/13	10:00	-30		
13-1123	6200-7219-OA	A	9/4/13	11:35	9/4/13	19:35	9/9/13	10:00	-29.5	-8	-8
13-1124	6200-7219-SSV-1	A	9/5/13	12:05	9/5/13	12:10	9/9/13	10:00	-27	-6.5	-6.5
13-1125	6200-7219-SSV-2	A	9/5/13	12:40	9/5/13	12:45	9/9/13	10:00	-29	-10	-10

EnvisionAir
1437 Sadlier Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

Client Name: ENVIROFORENSICS

Project ID: HOFFMAN CLEANERS - 6200

Client Project Manager: BRIAN KAPPEN

EnvisionAir Project Number: 2013-312

Analytical Method: TO-15
Analytical Batch: 091113CAIR

Client Sample ID: 6200-7219-IA
Envision Sample Number: 13-1122
Sample Matrix: AIR

Sample Collection START Date/Time: 9/4/13 11:20
Sample Collection END Date/Time: 9/4/13 19:20
Sample Received Date/Time: 9/9/13 10:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	**9.16**	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	102%		
Analysis Date/Time:	9-12-13/12:23		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: HOFFMAN CLEANERS - 6200

Client Project Manager: BRIAN KAPPEN

EnvisionAir Project Number: 2013-312

Analytical Method: TO-15
Analytical Batch: 091113CAIR

Client Sample ID: 6200-7219-OA
Envision Sample Number: 13-1123
Sample Matrix: AIR

Sample Collection START Date/Time: 9/4/13 11:35
Sample Collection END Date/Time: 9/4/13 19:35
Sample Received Date/Time: 9/9/13 10:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	**22.4**	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	**1.07**	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	100%		
Analysis Date/Time:	9-12-13/13:01		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: HOFFMAN CLEANERS - 6200

Client Project Manager: BRIAN KAPPEN

EnvisionAir Project Number: 2013-312

Analytical Method: TO-15
Analytical Batch: 091313TAIR

Client Sample ID: 6200-7219-SSV-1
Envision Sample Number: 13-1124
Sample Matrix: AIR

Sample Collection START Date/Time: 9/5/13 12:05
Sample Collection END Date/Time: 9/5/13 12:10
Sample Received Date/Time: 9/9/13 10:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	**298**	31.9	1
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	**8.54**	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	101%		
Analysis Date/Time:	9-14-13/13:24		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: HOFFMAN CLEANERS - 6200

Client Project Manager: BRIAN KAPPEN

EnvisionAir Project Number: 2013-312

Analytical Method: TO-15
Analytical Batch: 091313TAIR

Client Sample ID: 6200-7219-SSV-2
Envision Sample Number: 13-1125
Sample Matrix: AIR

Sample Collection START Date/Time: 9/5/13 12:40
Sample Collection END Date/Time: 9/5/13 12:45
Sample Received Date/Time: 9/9/13 10:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	**36.6**	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	101%		
Analysis Date/Time:	9-14-13/14:04		
Analyst Initials	tjg		

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 091113CAIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	102%		
Analysis Date/Time:	9-11-13/23:01		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	9.77	8.39	10	98%	84%	15.2%	
trans-1,2-Dichloroethene	9.39	8.93	10	94%	89%	5.0%	
cis-1,2-Dichloroethene	10.5	10.3	10	105%	103%	1.9%	
Trichlorethene	9.51	9.42	10	95%	94%	1.0%	
Tetrachloroethene	9.24	9.06	10	92%	91%	2.0%	
4-bromofluorobenzene (surrogate)	100%	97%					
Analysis Date/Time:	9-11-13/21:04	9-11-13/22:29					
Analyst Initials	tjg	tjg					

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 091313TAIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	105%		
Analysis Date/Time:	9-14-13/03:12		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	10.5	10.1	10	105%	101%	3.9%	
trans-1,2-Dichloroethene	9.36	8.81	10	94%	88%	6.1%	
cis-1,2-Dichloroethene	11	10.1	10	110%	101%	8.5%	
Trichlorethene	8.73	8.5	10	87%	85%	2.7%	
Tetrachloroethene	9.27	9.47	10	93%	95%	2.1%	
4-bromofluorobenzene (surrogate)	109%	121%					
Analysis Date/Time:	9-14-13/01:59	9-14-13/02:38					
Analyst Initials	tjg	tjg					

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Flag Number	Comments
1	Reported value is from a 10x dilution. TJG 9-19-13

EnvisionAir Proj#: 2013-312 Page 1 of 1

CHAIN OF CUSTODY RECORD

EnvisionAir | 1437 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: Enviroforensics	P.O. Number:
Report Address: N14 W23390 Suite G Waukesha WI 53188	Project Name or Number: Hoffmann Cleaners 6200
~~Report To:~~ Wayne Fassbender, Brian Kappen & J. Jordan	Sampled by: J. Jordan
Phone: Wayne 414-982-3988 & Jonathon J. 317-400-8813	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address: Indianapolis Office	Reporting Units needed: (circle) ug/m³ mg/m³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days Std (5 bus. days)	Media type: 1LC = 1 Liter Canister; 6LC = 6 Liter Canister; TB = Tedlar Bag; TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List | TO-15 Short List

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

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Canister Pressure / Vacuum

Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)	TO-15 Full List	TO-15 Short List			Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6200-7219-IA	6 LC	9/4/13	11:20	9/4/13	19:20	X				10332	05301	-?	-30		13-1122
6200-7219-OA	6 LC	9/4/13	11:35	9/4/13 19:35	19:35	X				91442	05252	-29.5	-8	-8	13-1123
6200-7219-SSV-1	1 LC	9/5/13	12:05	9/5/13	12:10	X				83727	NA	-27	-6.5	-6.5	13-1124
6200-7219-SSV-2	1 LC	9/5/13	12:40	9/5/13	12:45	X				83921	NA	-29	-10	-10	13-1125

Comments: Please report only PCE/TCE/cis-1,2-DCE/trans-1,2-DCE/Vinyl Chloride for all samples / Regulator on IA sample Broke 0 = -22

Relinquished by:	Date	Time	Received by:	Date	Time
	9/5/2013			9/9/13	10:00

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Mr. Jonathon Jordan
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

March 6, 2014

ENVision Project Number: 2014-67
Client Project Name: 6200 – Hoffman's

Dear Mr. Jordan,

Please find the attached analytical report for the samples received February 25, 2014. 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,

David Norris

Client Services Manager
EnvisionAir

EnvisionAir
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Indianapolis, IN 46239
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Client Name: ENVIROFORENSICS

Project ID: 6200 - HOFFMANS

Client Project Manager: JONATHON JORDAN

EnvisionAir Project Number: 2014-67

Sample Summary

Canister Pressure / Vacuum

Laboratory Sample Number:	Sample Description:	Matrix:	START Date Collected:	START Time Collected:	End Date Collected:	End Time Collected:	Date Received:	Time Received	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)
14-345	6200-7219-OA	A	2/19/14	8:15	2/19/14	16:10	2/25/14	12:00	-28	-11.5	-11.5
14-346	6200-7219-IA	A	2/19/14	8:05	2/19/14	16:00	2/25/14	12:00	-27	-0.2	-0.2
14-347	6200-7219-SSV-1	A	2/20/14	11:25	2/20/14	11:30	2/25/14	12:00	-30	-10	-10
14-348	6200-7219-SSV-2	A	2/20/14	10:45	2/20/14	10:50	2/25/14	12:00	-28.5	-10	-10

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Client Name: ENVIROFORENSICS

Project ID: 6200 - HOFFMANS

Client Project Manager: JONATHON JORDAN

EnvisionAir Project Number: 2014-67

Analytical Method: TO-15
Analytical Batch: 030114AIR

Client Sample ID: 6200-7219-OA
Envision Sample Number: 14-345
Sample Matrix: AIR

Sample Collection START Date/Time: 2/19/14 8:15
Sample Collection END Date/Time: 2/19/14 16:10
Sample Received Date/Time: 2/25/14 12:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 0.79	0.79	
Tetrachloroethene	< 1.4	1.4	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 0.51	0.51	
4-bromofluorobenzene (surrogate)	104%		
Analysis Date/Time:	3-1-14/20:15		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6200 - HOFFMANS

Client Project Manager: JONATHON JORDAN

EnvisionAir Project Number: 2014-67

Analytical Method: TO-15
Analytical Batch: 030114AIR

Client Sample ID: 6200-7219-IA
Envision Sample Number: 14-346
Sample Matrix: AIR

Sample Collection START Date/Time: 2/19/14 8:05
Sample Collection END Date/Time: 2/19/14 16:00
Sample Received Date/Time: 2/25/14 12:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 0.79	0.79	
Tetrachloroethene	**2.71**	1.4	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 0.51	0.51	
4-bromofluorobenzene (surrogate)	104%		
Analysis Date/Time:	3-1-14/20:52		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6200 - HOFFMANS

Client Project Manager: JONATHON JORDAN

EnvisionAir Project Number: 2014-67

Analytical Method: TO-15
Analytical Batch: 022714AIR

Client Sample ID: 6200-7219-SSV-1
Envision Sample Number: 14-347
Sample Matrix: AIR

Sample Collection START Date/Time: 2/20/14 11:25
Sample Collection END Date/Time: 2/20/14 11:30
Sample Received Date/Time: 2/25/14 12:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 7.90	7.90	1
Tetrachloroethene	**239**	14.0	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 5.10	5.10	1
4-bromofluorobenzene (surrogate)	100%		
Analysis Date/Time:	2-28-14/07:18		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6200 - HOFFMANS

Client Project Manager: JONATHON JORDAN

EnvisionAir Project Number: 2014-67

Analytical Method: TO-15
Analytical Batch: 022714AIR

Client Sample ID: 6200-7219-SSV-2
Envision Sample Number: 14-348
Sample Matrix: AIR

Sample Collection START Date/Time: 2/20/14 10:45
Sample Collection END Date/Time: 2/20/14 10:50
Sample Received Date/Time: 2/25/14 12:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 7.90	7.90	1
Tetrachloroethene	**118**	14.0	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 5.10	5.10	1
4-bromofluorobenzene (surrogate)	94%		
Analysis Date/Time:	2-28-14/07:50		
Analyst Initials	tjg		

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 022714AIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 0.2	0.2	
Tetrachloroethene	< 0.2	0.2	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.2	0.2	
4-bromofluorobenzene (surrogate)	104%		
Analysis Date/Time:	2-27-14/11:25		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	9.57	8.58	10	96%	86%	10.9%	
trans-1,2-Dichloroethene	9.57	9.49	10	96%	95%	0.8%	
cis-1,2-Dichloroethene	10	10.2	10	100%	102%	2.0%	
Trichlorethene	9.49	9.86	10	95%	99%	3.8%	
Tetrachloroethene	10.4	9.2	10	104%	92%	12.2%	
4-bromofluorobenzene (surrogate)	104%	100%					
Analysis Date/Time:	2-27-14/10:03	2-27-14/10:52					
Analyst Initials	tjg	tjg					

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 030114AIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 0.2	0.2	
Tetrachloroethene	< 0.2	0.2	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.2	0.2	
4-bromofluorobenzene (surrogate)	98%		
Analysis Date/Time:	3-1-14/17:08		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	8.67	9.68	10	87%	97%	11.0%	
trans-1,2-Dichloroethene	8.46	9.18	10	85%	92%	8.2%	
cis-1,2-Dichloroethene	10.9	12.1	10	109%	121%	10.4%	
Trichlorethene	10.8	11	10	108%	110%	1.8%	
Tetrachloroethene	9.45	9.43	10	95%	94%	0.2%	
4-bromofluorobenzene (surrogate)	101%	109%					
Analysis Date/Time:	3-1-14/14:57	3-1-14/16:36					
Analyst Initials	tjg	tjg					

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Flag Number	Comments
1	Reported value is from a 10x dilution. TJG 3-6-14

EnvisionAir Proj#: 2014-61 Page 1 of 1

CHAIN OF CUSTODY RECORD

EnvisionAir | 1437 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: Enviroforensics	P.O. Number:
Report Address: N16W23390 Stone Ridge Dr Waukesha WI 53188	Project Name or Number: 6200 - Hoffmans
Report To: J. Jordan & Wayne Fairbanks	Sampled by: J. Jordan
Phone: 317-972-7870	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address: 602 N Capitol Ave Indianapolis IN	Reporting Units needed: (circle) ug/m³ mg/m³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days Std (5 bus. days)	Media type: 1LC = 1 Liter Canister, 6LC = 6 Liter Canister, TB = Tedlar Bag, TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List / TO-15 Short List

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

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Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)		TO-15 Full List	TO-15 Short List		Canister Serial #	Flow Controller Serial #	Canister Pressure / Vacuum: Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6200-7219-0A	6LC	2/19/14	8:15	2/19/14	16:10		X			16024	05219	-28	-11.5	-11.5	14-345
6200-7219-IA	6LC	2/19/14	8:05	2/19/14	16:00		X			15560	05713	-27	-0.2	-0.2	14-346
6200-7219-SSV-1	1LC	2/20/14	11:25	2/20/14	11:30		X			83679	NA	-30	-10	-10	14-347
6200-7219-SSV-2	1LC	2/20/14	10:45	2/20/14	10:50		X			A8047	NA	-28.5	-10	-10	14-348

Comments: Report only PCE / TCE / cis 1,2 / trans-1,2 / VC

Relinquished by:	Date	Time	Received by:	Date	Time
				2/25/14	12:00

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

March 6, 2014

ENVision Project Number: 2014-68
Client Project Name: 6200 – Hoffman's

Dear Mr. Jordan,

Please find the attached analytical report for the samples received February 25, 2014. 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,

David Norris

Client Services Manager
EnvisionAir

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1437 Sadlier Circle West Drive
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Client Name: ENVIROFORENSICS

Project ID: 6200 - HOFFMANS

Client Project Manager: JONATHON JORDAN

EnvisionAir Project Number: 2014-68

Sample Summary

Canister Pressure / Vacuum

Laboratory Sample Number:	Sample Description:	Matrix:	START Date Collected:	START Time Collected:	End Date Collected:	End Time Collected:	Date Received:	Time Received	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)
14-349	6200-7215-SSV-1	A	2/20/14	13:22	2/20/14	13:27	2/25/14	12:00	-23	-10	-10
14-350	6200-7215-SSV-2	A	2/20/14	13:55	2/20/14	14:00	2/25/14	12:00	-28	-7	-7

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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

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
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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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-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

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
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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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 022714AIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 0.2	0.2	
Tetrachloroethene	< 0.2	0.2	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.2	0.2	
4-bromofluorobenzene (surrogate)	104%		
Analysis Date/Time:	2-27-14/11:25		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	9.57	8.58	10	96%	86%	10.9%	
trans-1,2-Dichloroethene	9.57	9.49	10	96%	95%	0.8%	
cis-1,2-Dichloroethene	10	10.2	10	100%	102%	2.0%	
Trichlorethene	9.49	9.86	10	95%	99%	3.8%	
Tetrachloroethene	10.4	9.2	10	104%	92%	12.2%	
4-bromofluorobenzene (surrogate)	104%	100%					
Analysis Date/Time:	2-27-14/10:03	2-27-14/10:52					
Analyst Initials	tjg	tjg					

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Flag Number	Comments
1	Reported value is from a 10x dilution. TJG 3-6-14
2	Reported value is from a 20x dilution. TJG 3-6-14
3	Reported value is from a 40x dilution. TJG 3-6-14

EnvisionAir Proj#: 4014-68 Page 1 of 1

CHAIN OF CUSTODY RECORD

EnvisionAir | 1437 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: Enviroforensics	P.O. Number:
Report Nk W23390 Stone Ridge Dr Address: Waukesha WI 53188	Project Name or Number: 6200 Hoffmans
Report To: Wayne F & Jonathan J	Sampled by: J. Jordan
Phone: 262-522-7870	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address: 1201 Capitol Ave 46204	Reporting Units needed: (circle) ug/m³ mg/m³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days Std (5 bus. days)	Media type: 1LC = 1 Liter Canister, 6LC = 6 Liter Canister, TB = Tedlar Bag, TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List / TO-15 Short List

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

breathe easy ★★★★
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quality air analysis
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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
6208 6200-7215-SSV-1	1-LC	2/20/14	13:22	2/20/14	13:27		X			520	NA	-23	-10	-10	14-349
6200-7215-SSV-2	1-LC	2/20/14	13:55	2/20/14	14:00		+			J1709	NA	-28	-7	-7	14-350
										~~J1751~~					

Comments: Report mly PCE / TCE / cis-1,2 / trans-1,2 / Vinyl Chloride

Relinquished by:	Date	Time	Received by:	Date	Time
				2/25/14	12:00

EnvisionAir
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Mr. Fassbender
Enviroforensics
825 N. Capitol Ave.
Indianapolis, IN 46204

October 4, 2016

EnvisionAir Project Number: 2016-597
Client Project Name: 6200 / Former Hoffmans Valet Cleaners

Dear Mr. Fassbender,

Please find the attached analytical report for the samples received September 26, 2016. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

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

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

Yours Sincerely,

Stanley A. Hunnicutt

Stan Hunnicutt

Project Manager
EnvisionAir, LLC

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: 6200 / FORMER HOFFMANS VALET CLEANERS

Client Project Manager: W FASSBENDER

EnvisionAir Project Number: 2016-597

Sample Summary

Canister Pressure / Vacuum

Laboratory Sample Number:	Sample Description:	Matrix:	START Date Collected:	START Time Collected:	End Date Collected:	End Time Collected:	Date Received:	Time Received	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)
16-2258	62007215-SSV-1	A	9/15/16	14:15	9/15/16	14:20	9/26/16	10:20	-29	-2	-2
16-2259	62007215-SSV-2	A	9/15/16	14:30	9/15/16	14:36	9/26/16	10:20	-29	-2	-2

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Client Name: ENVIROFORENSICS

Project ID: 6200 / FORMER HOFFMANS VALET CLEANERS

Client Project Manager: W FASSBENDER

EnvisionAir Project Number: 2016-597

Analytical Method: TO-15
Analytical Batch: 100116AIR

Client Sample ID: 6200-7215-SSV-1
Envision Sample Number: 16-2258
Sample Matrix: AIR

Sample Collection START Date/Time: 9/15/16 14:15
Sample Collection END Date/Time: 9/15/16 14:20
Sample Received Date/Time: 9/26/16 10:20

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 39.6	39.6	
Tetrachloroethene	**486**	31.9	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichloroethene	**38.7**	10.7	
Vinyl Chloride	< 6.4	6.4	
4-bromofluorobenzene (surrogate)	92%		
Analysis Date/Time:	10-01-16/08:09		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6200 / FORMER HOFFMANS VALET CLEANERS

Client Project Manager: W FASSBENDER

EnvisionAir Project Number: 2016-597

Analytical Method: TO-15
Analytical Batch: 100116AIR

Client Sample ID: 6200-7215-SSV-2
Envision Sample Number: 16-2259
Sample Matrix: AIR

Sample Collection START Date/Time: 9/15/16 14:30
Sample Collection END Date/Time: 9/15/16 14:36
Sample Received Date/Time: 9/26/16 10:20

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 39.6	39.6	
Tetrachloroethene	**1,360**	31.9	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichloroethene	**243**	10.7	
Vinyl Chloride	< 6.4	6.4	
4-bromofluorobenzene (surrogate)	89%		
Analysis Date/Time:	10-01-16/08:43		
Analyst Initials	tjg		

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 100116AIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	101%		
Analysis Date/Time:	09-30-16/22:15		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	11.4	11.5	10	114%	115%	0.9%	
trans-1,2-Dichloroethene	11.1	11.1	10	111%	111%	0.0%	
cis-1,2-Dichloroethene	9.81	9.93	10	98%	99%	1.2%	
Trichloroethene	10.2	9.34	10	102%	93%	8.8%	
Tetrachloroethene	11	11.4	10	110%	114%	3.6%	
4-bromofluorobenzene (surrogate)	82%	82%					
Analysis Date/Time:	09-30-16/21:39	10-01-16/06:56					
Analyst Initials	tjg	tjg					

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Flag Number	Comments

EnvisionAir Proj#: 2016-597 Page 1 of 1

CHAIN OF CUSTODY RECORD

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

Client: EnviroForensics	P.O. Number: 20169048
Report/Address: 2016 W23290 Steve Ridge Dr Waukesha WI 53188	Project Name or Number: 6200 Former Hoffmans Valet Cleaners
Report To: W. Fassbender / K. Heimstead	Sampled by: K. Heimstead
Phone: 317-972-7870	QA/QC Required: (circle if applicable) **Level III** **Level IV**
Invoice Address:	Reporting Units needed: (circle) **ug/m³** **mg/m³** **PPBV** **PPMV**
Desired TAT: (Please Circle One) **1 day** **2 days** **3 days** **Std (5 bus. days)**	Media type: 1LC = 1 Liter Canister, 6LC = 6 Liter Canister, TB = Tedlar Bag, TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List

TO-15 Short List Dry Cleaner

ENVISIONAIR

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

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Canister Pressure / Vacuum

Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)					Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6200-7215-SSV-1	1LC	9/15/16	1415	9/15/16	1420		X			2539	-	-29	-2	-2	16-2258
6200-7215-SSV-2	1LC	9/15/16	1430	9/15/16	1436		X			83946	-	-29	-2	-2	16-2259

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	9/26/16		FedEx	9/26/16	
			[signature]	9/26/16	1020

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

October 7, 2016

EnvisionAir Project Number: 2016-594
Client Project Name: 6200 / Former Hoffman's Valet Cleaners

Dear Mr. Fassbender,

Please find the attached analytical report for the samples received September 22, 2016. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

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

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

Yours Sincerely,

Stanley A Hunnicutt

Project Manager
EnvisionAir, LLC

EnvisionAir
1441 Sadlier Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
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Client Name: ENVIROFORENSICS

Project ID: 6200 / FORMER HOFFMANS VALET CLEANERS

Client Project Manager: W FASSBENDER

EnvisionAir Project Number: 2016-594

Sample Summary

Canister Pressure / Vacuum

Laboratory Sample Number:	Sample Description:	Matrix:	START Date Collected:	START Time Collected:	End Date Collected:	End Time Collected:	Date Received:	Time Received	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)
16-2228	6200-SG-2	A	9/15/16	12:40	9/15/16	12:48	9/22/16	10:35	-29	-2	-2
16-2229	6200-SG-3	A	9/15/16	13:05	9/15/16	13:10	9/22/16	10:35	-29	-2	-2
16-2230	6200-SG-4	A	9/15/16	13:20	9/15/16	13:26	9/22/16	10:35	-29	-2	-2

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Client Name: ENVIROFORENSICS

Project ID: 6200 / FORMER HOFFMANS VALET CLEANERS

Client Project Manager: W FASSBENDER

EnvisionAir Project Number: 2016-594

Analytical Method: TO-15
Analytical Batch: 093016AIR

Client Sample ID: 6200-SG-2
Envision Sample Number: 16-2228
Sample Matrix: AIR

Sample Collection START Date/Time: 9/15/16 12:40
Sample Collection END Date/Time: 9/15/16 12:48
Sample Received Date/Time: 9/22/16 10:35

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 39.6	39.6	
Tetrachloroethene	**222**	31.9	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichloroethene	< 10.7	10.7	
Vinyl Chloride	< 6.4	6.4	
4-bromofluorobenzene (surrogate)	95%		
Analysis Date/Time:	10-1-16/05:10		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6200 / FORMER HOFFMANS VALET CLEANERS

Client Project Manager: W FASSBENDER

EnvisionAir Project Number: 2016-594

Analytical Method: TO-15
Analytical Batch: 093016AIR

Client Sample ID: 6200-SG-3
Envision Sample Number: 16-2229
Sample Matrix: AIR

Sample Collection START Date/Time: 9/15/16 13:05
Sample Collection END Date/Time: 9/15/16 13:10
Sample Received Date/Time: 9/22/16 10:35

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 39.6	39.6	
Tetrachloroethene	**54.3**	31.9	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichloroethene	< 10.7	10.7	
Vinyl Chloride	< 6.4	6.4	
4-bromofluorobenzene (surrogate)	90%		
Analysis Date/Time:	10-1-16/05:43		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6200 / FORMER HOFFMANS VALET CLEANERS

Client Project Manager: W FASSBENDER

EnvisionAir Project Number: 2016-594

Analytical Method: TO-15
Analytical Batch: 093016AIR

Client Sample ID: 6200-SG-4
Envision Sample Number: 16-2230
Sample Matrix: AIR

Sample Collection START Date/Time: 9/15/16 13:20
Sample Collection END Date/Time: 9/15/16 13:26
Sample Received Date/Time: 9/22/16 10:35

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	**6,220**	6340	1,2
Tetrachloroethene	**142,000**	5100	1
trans-1,2-Dichloroethene	**599**	39.6	
Trichloroethene	**3,180**	1720	1
Vinyl Chloride	< 6.4	6.4	
4-bromofluorobenzene (surrogate)	99%		
Analysis Date/Time:	10-1-16/06:17		
Analyst Initials	tjg		

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 093016AIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	101%		
Analysis Date/Time:	9-30-16/22:15		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	11.4	11.5	10	114%	115%	0.9%	
trans-1,2-Dichloroethene	11.1	11.1	10	111%	111%	0.0%	
cis-1,2-Dichloroethene	9.81	9.93	10	98%	99%	1.2%	
Trichloroethene	10.2	9.34	10	102%	93%	8.8%	
Tetrachloroethene	11	11.4	10	110%	114%	3.6%	
4-bromofluorobenzene (surrogate)	82%	82%					
Analysis Date/Time:	9-30-16/21:39	10-1-16/06:56					
Analyst Initials	tjg	tjg					

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Flag Number	Comments
1	Reported value is from a 1600x dilution. TJG 10-7-16
2	Reported value is below the reporting limit but above the MDL. TJG 10-7-16

EnvisionAir Proj#: 2016-594 Page 1 of 1

CHAIN OF CUSTODY RECORD

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

Client: Enviro Forensics	P.O. Number: 20169048
Report Address: N16 W23390 Stone Ridge Dr Waukesha WI 53188	Project Name or Number: 6200 Former Hoffmans Valet Cleaners
Report To: W. Fassbender / K. Heimstead	Sampled by: K. Heimstead
Phone: 317-972-7870	QA/QC Required: (circle if applicable) **Level III** **Level IV**
Invoice Address:	Reporting Units needed: (circle) **ug/m³** **mg/m³** **PPBV** **PPMV**
Desired TAT: (Please Circle One) **1 day** **2 days** **3 days** **Std (5 bus. days)**	Media type: 1LC = 1 Liter Canister, 6LC = 6 Liter Canister, TB = Tedlar Bag, TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List | TO-15 Short List | Dry Cleaners

ENVISIONAIR

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

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Canister Pressure / Vacuum

Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)					Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6200-SG-2	1LC	9/15/16	1240	9/15/16	1248		x			83814	-	-29	-2	-2	16-2228
6200-SG-3	1LC	9/15/16	1305	9/15/16	1310		x			2222	-	-29	-2	-2	16-2229
6200-SG-4	1LC	9/15/16	1320	9/15/16	1326		x			83738	-	-29	-2	-2	16-2230

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
	9/22/16		FedEx	9/21/16	
			Adam Hunnecutt	9/22/16	1035

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

November 30, 2016

EnvisionAir Project Number: 2016-658
Client Project Name: 6200

Dear Mr. Fassbender,

Please find the attached analytical report for the samples received November 18, 2016. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

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

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

Yours Sincerely,

Stanley A Hunnicutt

Project Manager
EnvisionAir, LLC

EnvisionAir
1441 Sadlier Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
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Client Name: ENVIROFORENSICS

Project ID: 6200

Client Project Manager: W FASSBENDER

EnvisionAir Project Number: 2016-658

Sample Summary

Canister Pressure / Vacuum

Laboratory Sample Number:	Sample Description:	Matrix:	START Date Collected:	START Time Collected:	End Date Collected:	End Time Collected:	Date Received:	Time Received	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)
16-2491	6200-7215-SSV-1	A	11/16/16	11:25	11/16/16	11:30	11/18/16	10:15	-27	-3	-3
16-2492	6200-7215-SSV-2	A	11/16/16	10:55	11/16/16	11:00	11/18/16	10:15	-28	-3	-3

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Client Name: ENVIROFORENSICS

Project ID: 6200

Client Project Manager: W FASSBENDER

EnvisionAir Project Number: 2016-658

Analytical Method: TO-15
Analytical Batch: 112216AIR

Client Sample ID: 6200-7215-SSV-1
Envision Sample Number: 16-2491
Sample Matrix: AIR

Sample Collection START Date/Time: 11/16/16 11:25
Sample Collection END Date/Time: 11/16/16 11:30
Sample Received Date/Time: 11/18/16 10:15

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 39.6	39.6	
Tetrachloroethene	**594**	31.9	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichloroethene	**50.5**	10.7	
Vinyl Chloride	< 6.4	6.4	
4-bromofluorobenzene (surrogate)	89%		
Analysis Date/Time:	11-22-16/14:39		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6200

Client Project Manager: W FASSBENDER

EnvisionAir Project Number: 2016-658

Analytical Method: TO-15
Analytical Batch: 112216AIR

Client Sample ID: 6200-7215-SSV-2
Envision Sample Number: 16-2492
Sample Matrix: AIR

Sample Collection START Date/Time: 11/16/16 10:55
Sample Collection END Date/Time: 11/16/16 11:00
Sample Received Date/Time: 11/18/16 10:15

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 39.6	39.6	
Tetrachloroethene	**1,320**	31.9	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichloroethene	**377**	10.7	
Vinyl Chloride	< 6.4	6.4	
4-bromofluorobenzene (surrogate)	87%		
Analysis Date/Time:	11-22-16/15:16		
Analyst Initials	tjg		

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 112216AIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	85%		
Analysis Date/Time:	11-22-16/12:10		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	10.6	10.9	10	106%	109%	2.8%	
trans-1,2-Dichloroethene	8.91	9.33	10	89%	93%	4.6%	
cis-1,2-Dichloroethene	10	10.7	10	100%	107%	6.8%	
Trichloroethene	10.7	10.6	10	107%	106%	0.9%	
Tetrachloroethene	9.86	10.3	10	99%	103%	4.4%	
4-bromofluorobenzene (surrogate)	86%	90%					
Analysis Date/Time:	11-22-16/10:53	11-22-16/11:34					
Analyst Initials	tjg	tjg					

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Flag Number	Comments

EnvisionAir Proj#: 2016-658 Page 1 of 1

CHAIN OF CUSTODY RECORD WAF

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

Client: NFO	P.O. Number: 20169299
Report N16 W23390 Address: Stone Ridge Dr Waukesha, WI	Project Name or Number: 6200
Report To: W. Fassbender	Sampled by: G. Schacht
Phone: 262-490-6472	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address: SAME	Reporting Units needed: (circle) ug/m³ mg/m³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days Std (5 bus. days)	Media type: 1LC = 1 Liter Canister; 6LC = 6 Liter Canister; TB = Tedlar Bag; TD = Thermal Desorption Tube

REQUESTED PARAMETERS

ENVISIONAIR

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

Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)	TO-15 Full List	TO-15 Short List			Canister Pressure / Vacuum: Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6200-7215-SSV-1	1LC	11-16-16	1125	11-16-16	1130		X			83942	—	-27	-3	-3	16-2491
6200-7215-SSV-2	1LC	11-16-16	1055	11-16-16	1100		X			2097	—	-28	-3	-3	16-2492

Comments: Please cc G. Schacht the lab results

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	11-16-16	1500	FedEx		
			[signature]	11/18/16	1015

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

January 20, 2017

EnvisionAir Project Number: 2017-23
Client Project Name: 6200 Former Hoffman's valet Cleaners

Dear Mr. Fassbender,

Please find the attached analytical report for the samples received January 16, 2017. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

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

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

Yours Sincerely,

Stanley A Hunnicutt

Project Manager
EnvisionAir, LLC

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Client Name: ENVIROFORENSICS

Project ID: 6200 / FORMER HOFFMAN'S VALET CLEANERS

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2017-23

Sample Summary

Canister Pressure / Vacuum

Laboratory Sample Number:	Sample Description:	Matrix:	START Date Collected:	START Time Collected:	End Date Collected:	End Time Collected:	Date Received:	Time Received	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)
17-102	6200-7215-SSV-1	A	1/12/17	13:21	1/12/17	13:28	1/16/17	11:02	-28	-4	-4
17-103	6200-7215-SSV-2	A	1/12/17	13:50	1/12/17	13:54	1/16/17	11:02	-28	-3.5	-3.5

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Client Name: ENVIROFORENSICS

Project ID: 6200 / FORMER HOFFMAN'S VALET CLEANERS

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2017-23

Analytical Method: TO-15
Analytical Batch: 011717CAIR

Client Sample ID: 6200-7215-SSV-1
Envision Sample Number: 17-102
Sample Matrix: AIR

Sample Collection START Date/Time: 1/12/17 13:21
Sample Collection END Date/Time: 1/12/17 13:28
Sample Received Date/Time: 1/16/17 11:02

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 39.6	39.6	
Tetrachloroethene	**300**	31.9	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichloroethene	**61.3**	10.7	
Vinyl Chloride	< 6.4	6.4	
4-bromofluorobenzene (surrogate)	98%		
Analysis Date/Time:	1-19-17/06:00		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6200 / FORMER HOFFMAN'S VALET CLEANERS

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2017-23

Analytical Method: TO-15
Analytical Batch: 011717CAIR

Client Sample ID: 6200-7215-SSV-2
Envision Sample Number: 17-103
Sample Matrix: AIR

Sample Collection START Date/Time: 1/12/17 13:50
Sample Collection END Date/Time: 1/12/17 13:54
Sample Received Date/Time: 1/16/17 11:02

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 39.6	39.6	
Tetrachloroethene	**922**	31.9	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichloroethene	**243**	10.7	
Vinyl Chloride	< 6.4	6.4	
4-bromofluorobenzene (surrogate)	94%		
Analysis Date/Time:	1-19-17/06:39		
Analyst Initials	tjg		

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 011717CAIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	88%		
Analysis Date/Time:	1-18-17/20:03		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	10.2	11.5	10	102%	115%	12.0%	
trans-1,2-Dichloroethene	9.03	10.1	10	90%	101%	11.2%	
cis-1,2-Dichloroethene	8.99	10.2	10	90%	102%	12.6%	
Trichloroethene	9.38	9.3	10	94%	93%	0.9%	
Tetrachloroethene	9.48	9.4	10	95%	94%	0.8%	
4-bromofluorobenzene (surrogate)	114%	100%					
Analysis Date/Time:	1-18-17/18:04	1-18-17/19:25					
Analyst Initials	tjg	tjg					

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Flag Number	Comments

EnvisionAir Proj#: 2017-23 Page 1 of 1

CHAIN OF CUSTODY RECORD

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

Client: EnviroForensics	P.O. Number: 20170052
Report Address: N16 W23390 Stone Ridge Dr Waukesha, WI 53188	Project Name or Number: 6200 Former Hoffman's Valet Cleaners
Report To: W. Fassbender / K. Heimstead	Sampled by: G. Schacht
Phone: 317-472-7870	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address:	Reporting Units needed: (circle) ug/m³ mg/m³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days Std (5 bus. days)	Media type: 1LC = 1 Liter Canister, 6LC = 6 Liter Canister, TB = Tedlar Bag, TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List

TO-15 Short List (8-1 Liter)

ENVISIONAIR

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

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Canister Pressure / Vacuum

Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)					Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6200-7215-SSV-1	1LC	1-12-17	13:21	1-12-17	13:28		x			84050	—	-28	-4	-4	17-102
6200-7215-SSV-2	1LC	1-12-17	13:50	1-12-17	13:54		x			2235	—	-28	-3.5	-3.5	17-103

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	1-12-17	1700	[signature]	1/16/17	11:02