



June 22, 2018

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

**Re: Remedial Progress Report and Groundwater Treatment Plan
One Hour Martinizing
285 E. Hampton Ave
Milwaukee, Wisconsin 53217
BRRTS# 02-41-543260**

Dear Mr. Hnat:

EnviroForensics, LLC (EnviroForensics) is pleased to submit this Remedial Progress Report and Groundwater Treatment Plan (Report) for the One Hour Martinizing site located at 285 E. Hampton Avenue in Milwaukee, Wisconsin. One hardcopy of the Report is enclosed, and an electronic copy has been sent to the southeast region mailbox. The Technical Assistance review fee is enclosed.

On behalf of OHM Holdings LLC, EnviroForensics is requesting a written response to the recommended additional remedial actions and remedial objectives contained in the Report. The remedial objectives have been established to provide a realistic and straightforward pathway to site closure.

If you have any questions regarding the Report, please feel free to contact me at (414) 982-3988 or by email at wfassbender@enviroforensics.com.

Sincerely,
EnviroForensics, LLC

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

Wayne Fassbender, PG
Senior Project Manager

Copy: Brian Cass, OHM Holdings LLC
Jennifer Dorman, WDNR

enclosures

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**REMEDATION PROGRESS REPORT
AND
GROUNDWATER TREATMENT PLAN**

**ONE HOUR MARTINIZING
285 EAST HAMPTON AVENUE
MILWAUKEE, WISCONSIN
BRRTS# 02-41-543260**

June 22, 2018

Prepared For:

OHM Holdings LLC
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Waukesha, Wisconsin 53186

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

Brian Kappen, PG
Project Manager

A handwritten signature in blue ink, appearing to read "Wayne P. Fassbender".

Wayne Fassbender, PG, PMP
Senior Project Manager

Andrew Horwath, PE
Director of Engineering and Remediation Services

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CERTIFICATIONS

I, Andrew Horwath, hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Director of Engineering and Remediation Services

P.E. stamp

I, Wayne Fassbender, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. 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 in chs. NR 700 to 726, Wis. Adm. Code.



Senior Project Manager

6/22/2018

Date

Document Reference:

Remediation Progress Report and Groundwater Treatment Plan
One Hour Martinizing
285 East Hampton Avenue
Milwaukee, Wisconsin
BRRTS# 02-41-543260

1.0 BACKGROUND

EnviroForensics, LLC (EnviroForensics) has prepared this *Remediation Progress Report and Groundwater Treatment Plan* on behalf of OHM Holdings LLC for the One Hour Martinizing (OHM) facility located at 285 East Hampton Avenue in Milwaukee, Wisconsin (Site). The Site was operated as a gasoline service station from 1953 to 1979, and an active dry cleaning facility from 1980 until 2007, when active dry cleaning was discontinued. Several underground storage tanks were removed in the early 1990s, and a remediation system for petroleum contamination operated for several years. Since 2007, the 2,500 square foot, concrete slab-on-grade commercial building has been utilized as a drop off and pick-up location for clothes dry cleaned elsewhere. The layout of the Site, including Site features, and the surrounding area, is depicted on **Figure 1**.

The primary contaminants of concern at the Site are chlorinated volatile organic compounds (CVOCs) including tetrachloroethene (PCE) and intermediate products of the natural degradation: trichloroethene (TCE), dichloroethene (DCE), and vinyl chloride. Residual concentrations of petroleum volatile organic compounds (PVOCs) are also present at the Site. Remedial actions to address the PVOC impacts were previously performed and the leaking underground petroleum storage tank issue was closed by the Wisconsin Department of Natural Resources on March 1, 2017. The current plan is designed to remediate CVOC contamination.

1.1 Site Hydrogeology

The geological profile at the Site consists of a fine-grained silty sand to approximately 12 feet below ground surface (bgs). A denser silt and clay unit is present from 12 to approximately 34 feet bgs, the maximum depth investigated. A more heterogeneous geologic profile was observed in borings on the southern portion of the investigated area. Interbedded layers of clay, silt, sand, and gravel were observed from the surface to the depth of the silt/clay unit at 20 feet bgs. An approximately 2 to 4-foot thick layer of anthropogenic subgrade fill is present below the Site building and off-site paved areas to the south and west (refer to east-west, and north-south trending cross-sections, **Figures 2 through 4**).

The water table is generally encountered at approximately 10 feet bgs; however, the water table has been observed to fluctuate between a depth of 6 and 13 feet bgs. The direction of groundwater flow is consistently toward the north with a westerly component at the northern Site boundary (**Figure 5**). Additional details regarding Site hydrogeology were provided in the Site Investigation Report, dated June 2, 2015.

1.2 Nature and Extent of Contamination

Releases to the subsurface appear to be from two separate sources: beneath the site building likely due to undocumented minor spills to the floor around the former dry cleaning machine; and an outside area to the south of the site building near a storage shed where both waste products and virgin dry cleaning solvent were stored. The highest concentrations of CVOCs in soil were detected in the southwest corner of the Site near the storage shed (refer to **Figure 6** for distribution of soil impacts). The concentrations do not exceed either the residential or industrial direct contact exposure RCLs. However, these soil impacts appear to have generated the groundwater plume. The CVOC plume in groundwater extends from the soil source areas to the northwest in the direction of groundwater flow. The distribution and concentration of groundwater impacts generally mimics the distribution and concentrations detected in soil (refer to **Figure 7** for the extent and magnitude of groundwater impacts).

CVOC impacts in both soil and groundwater have migrated to the adjacent properties to the south and west, and to City of Milwaukee right-of-way areas to the north. There appears to be a distinct divide from north to south across the Site where CVOC impacts are limited to the western half of the property and PVOC impacts are limited to the eastern half of the property.

CVOC impacts in soil and groundwater are entering the vapor phase. Based on the results of vapor intrusion assessments conducted at the Site building and commercial buildings to the south and west, only the Site building is at risk for vapor intrusion. However, a sub-slab depressurization system was installed at the commercial building to the south (Shovers Realty) as a preventative measure per request of the property owner. A utility corridor investigation showed no impact along the utility lines on-Site.

2.0 IDENTIFICATION AND EVALUATION OF REMEDIAL ACTION OPTIONS

This section focuses on the evaluation of remedial action options for control, removal, containment, and/or treatment of impacted media at the Site. The initial identification and screening of remedial action options is based on information generated during site investigation activities, including the nature and extent of contamination and the hydrogeological conditions at the Site and surrounding areas. Remediation of contaminants in groundwater and soil gas to levels that no longer migrate or pose a risk of vapor intrusion to nearby occupied structures drives the remedial options evaluation.

2.1 Remedial Action Options Screening

Potential active remedial actions were screened to identify whether they would be: 1) protective of human health and the environment; and 2) are appropriate for the Site, considering applicability for Site conditions, reasonably anticipated future land uses, and other factors which would pre-emptively preclude the action from further evaluation, as well as relevance to site-specific exposure pathways.

Natural attenuation of groundwater impacts is considered a passive remedial action and will be evaluated for long-term effectiveness following active remedial actions if concentrations in groundwater remain above regulatory limits.

In addition, institutional and engineering controls will be required as part of any active remedial actions since the Site is occupied by an operating business for the foreseeable future and the Site building both provides an obstruction to active remediation beneath it and provides a cap or cover to prevent infiltration of rain water prohibiting the further migration of soil impacts to groundwater.

The following active remedial technologies did not pass the initial screening and were removed from further evaluation:

- Thermal desorption – not feasible due to site constraints and high cost,
- Soil mixing – insufficient access for mixing equipment,
- Dual-phase extraction – the equipment remaining from petroleum remediation at the Site is deteriorated and unusable, and subsurface piping was abandoned,
- Groundwater extraction – unsustainable and unacceptable restoration timeframe, and

- Permeable reactive barrier – not appropriate due to relatively compact and defined groundwater plume.

The following methods were considered plausible for active remediation at the Site and selected for further evaluation:

- Excavation and off-Site disposal,
- Soil Vapor Extraction (SVE),
- Injection: In-situ chemical oxidation (ISCO),
- Injection: In-situ chemical reduction (ISCR),
- Injection: Enhanced reductive dechlorination (ERD), and
- Injection: Colloidal activated carbon.

2.2 Remedial Action Options Evaluation

Each plausible remedial action, and combination of actions, was evaluated for the following performance metrics:

- Technical Feasibility
 - Short-Term Effectiveness,
 - Long-Term Effectiveness,
 - Ability to Implement, and
 - Restoration Time Frame.
- Economic Feasibility
 - Capital Costs,
 - Initial Cost,
 - Annual Operation and Maintenance, and
 - Future Liability.

Additionally, the need for continuing obligations after completion of a remedial action, such as maintenance of an engineering control, was considered.

2.2.1 *Technical Feasibility*

The feasibility of a technology to remediate impacted areas at any specific site is evaluated with regard to the following specific considerations:

- Proven technology: when a *technology* is fully developed and historical success case histories are available;
- Emerging technology: when a technology is not fully developed and may not be reliable;
- Inappropriate technology: when Site conditions are not technically suitable for the application of the technology; and
- Potential additional liability: whether the treatment technology may add additional liability.

Effectiveness

The key aspect of the technical feasibility evaluation is the effectiveness of each remedial action in protecting human health and the environment. Each potential remedial action is evaluated as to its effectiveness in providing protection and the reductions in toxicity, mobility, or volume of contamination that it would achieve. Both short- and long-term components of effectiveness are evaluated; short-term referring to the construction and implementation period until case closure, and long-term referring to the period after remediation is complete. Reduction of toxicity, mobility, or volume refers to changes in one or more characteristics of the contaminated media by the use of treatment that decreases the inherent risks. Any remedial action option under consideration should minimize adverse impacts to Site workers, visitors, the surrounding population, and the environment. Community impact is also important and the technology is considered a disadvantage if the application of the technology could be perceived as negatively impacting the local community or environment.

Ability to Implement

The ability to implement is a measure of both the technical and administrative feasibility of constructing, operating, and maintaining a remedial action option, and is used to evaluate combinations of remedial actions with respect to conditions at a specific site. The determination that an option is not readily implementable would usually preclude it from further consideration unless steps can be taken to change the conditions responsible for the determination.

The technical aspects related to the ability to implement refers to the ability to construct, reliably operate, and meet technology-specific regulations for remedial actions until remediation is complete; it also includes operation, maintenance, replacement, and monitoring of technical components of an action, if required, into the future after the remedial action is complete. Administrative feasibility considers the ability to obtain approvals and permitting from other offices and agencies, the availability of treatment, storage, and disposal services and capacity, and the requirements for, and availability of, specific equipment and technical specialists.

Restoration Time Frame

The estimated time for completion of a remedial action and restoration of the environment is based on the information available from vendor(s) with experience in remediating similar sites, and EnviroForensics' past experience using technologies in similar settings. Contaminant degradation rates, both naturally and under treatment conditions, are assumed based on experience to estimate the duration of remedial actions. If necessary, the time frame for continuing obligations is also considered.

2.2.2 *Economic Feasibility*

The cost to implement various options is not an exact cost, but represents a combination of typical contractor costs and consultant efforts coupled with the estimated time to achieve remedial endpoints. This is inherent because uncertainties associated with the definition of options often remain, and it may not be possible or practical to collect all of the data needed to refine costs better than a reliability level of +50% to -30%.

The focus is on comparative estimates of costs between options so that if costs go up or down during the remedial process, that they remain relative. The following cost factors are considered during the evaluation of options:

- Initial costs: those costs incurred for design and testing of the remedial action;
- Capital costs: the cost to construct, install, or otherwise implement the remedial action;
- Operation and maintenance (O&M) costs: the costs to operate and maintain the remedial system or technology. The evaluation includes those O&M costs that would be incurred for as long as necessary, even after the initial remedial action is complete; and
- Future liability: includes potential additional remedial action costs and costs for property re-development are considered during evaluation to the extent they can be estimated.

2.2.3 Continuing Obligations

The involvement of continuing obligations in the closure strategy is considered in the evaluation process. Post-closure obligations may include activities such as annual cover inspections and operation, maintenance, and inspections of vapor mitigation systems. These activities may be required for an indefinite period of time following case closure. A remedial action is considered more advantageous if the resulting need for continuing obligations is limited or eliminated.

2.3 Remedial Action Options Selected

The plausible remedial options identified in Section 2.1 were evaluated according to the technical and economic feasibility criteria described above. Based on the outcome of that evaluation, the following remedial actions were selected for testing and/or implementation:

- Excavation and off-Site disposal – provides rapid removal of contaminant mass from accessible areas;
- Soil vapor extraction (SVE) - addresses soil gas impacts under the Site building, eliminating the potential need for a vapor mitigation system; and
- Injection: Enhanced reductive dechlorination (ERD).

For groundwater treatment, ERD is preferred over the injection of ISCO, ISCR, and colloidal activated carbon products for the following reasons:

- There is evidence that where petroleum-related compounds are present in groundwater, the reductive de-chlorination of CVOCs is already occurring through the process of microbial co-metabolism;
- The observed geochemistry is already somewhat conducive to reductive processes (e.g., low dissolved oxygen and negative ORP);
- ERD will enhance the reductive processes already occurring to reduce the time needed for complete reduction of the chlorinated contaminants to harmless compounds;
- The potential for concentration rebound and subsequent need for re-treatment is lower;
- Product cost is lower; and
- The products are safer to store, handle, and apply.

2.4 Soil Vapor Extraction Pilot Study

An SVE Pilot Study was performed during 2016 to confirm the feasibility of SVE implementation at the Site, determine the effective area of vacuum influence, and determine sustained concentrations of chlorinated compounds in the exhaust. The pilot study report is presented in **Appendix E**. Vacuum could not be applied to the subsurface in the extraction well specifically installed for SVE testing due to significant groundwater upwelling. Therefore, the SVE equipment was instead connected to an existing monitoring well (MW-8) for extraction. The number of existing monitoring points near MW-8 was limited, which precluded an estimation of the radius of influence (ROI).

The pilot study data demonstrated non-uniform vacuum propagation due to variations in lithology and/or subsurface features, including horizontal piping installed by others for remediation of the petroleum impacts. This, along with problems caused by groundwater upwelling, indicate that vertically applied SVE is not practical.

The pilot study report indicates that SVE applied via shallow horizontal wells could be a feasible remedial option. However, upon further evaluation it was determined that the installation of horizontal wells under the building would be cost prohibitive and problematic for the following reasons:

- Intrusive work with boring and excavation equipment would be required on adjacent properties due to the small size of the Site;
- The high density of buried utilities on-site and in the right-of-way presents concerns; and
- Limited working space between the building foundation and water table could make it difficult to avoid the same groundwater upwelling issue experienced with the vertical test well.

Therefore, SVE was eliminated from consideration as a remedial option for the Site. It is therefore recommended that an SSDS be constructed in the Site building to eliminate the risk of vapor intrusion from shallow inaccessible contaminated soil located beneath the building slab.

3.0 CONTAMINATED SOIL REMOVAL

As described in the previous section, excavation and off-Site disposal was selected for removing as much contaminated source area soil as practical. An excavation was performed in 2016 to remove source area soil containing elevated concentrations of CVOCs in an area south of the Site building and adjacent off-site property to the south. The excavation was not designed to remove all contaminated soil. Rather, the excavation targeted the most contaminated areas identified during the site investigation. Additionally, the horizontal extent of the excavation was limited due to the logistical constraints involving building foundations, a storage shed, and overhead utilities. Prior to excavating, soil samples were collected to better define the limits of excavating as described in Section 3.1 below.

3.1 Remedial Characterization Sampling

On October 12, 2016, EnviroForensics personnel mobilized to the Site and directed nine (9) direct-push borings (EB-1 through EB-9) to facilitate soil sample collection. The borings were located on the Shovers Realty property just south of the Site boundary (see **Figure 8**). The purpose of the sampling event was to define the magnitude of impacts between previous site investigation borings SB-13 and SB-29, define an excavation area, and determine waste management options and requirements. EnviroForensics personnel observed all field activities, prepared boring logs and other field documentation, and containerized all samples for analysis. Field screening of soil for organic vapors was performed using a photo-ionization detector (PID). Screening was conducted at approximately two-foot depth intervals. Soil boring logs are presented in **Appendix A**.

Sample intervals in each boring were selected based on PID readings and physical observations. A total of 15 soil samples were collected and analyzed for volatile organic compounds (VOCs) according to SW-846 Test Method 8260. A sample from each interval was also collected for Toxicity Characteristic Leaching Procedure (TCLP) analysis and put on hold pending the 8260 analysis results. The criteria for performing TCLP analysis on a given sample was a PCE concentration of 14,000 micrograms per kilogram ($\mu\text{g}/\text{kg}$) or higher in an associated 8260 sample (i.e., the commonly accepted limit of 20 times higher than the characteristically hazardous threshold of $700 \mu\text{g}/\text{L}$). All results were less than $14,000 \mu\text{g}/\text{kg}$ and no TCLP analyses were performed. The laboratory report associated with the waste characterization samples is included in **Appendix B**.

The results of the source area characterization samples are summarized on **Table 1** and **Figure 8**. The sample results indicated that:

- A practical and cost-effective excavation extent could be defined; and
- All soil removed from the defined excavation area could be managed as non-hazardous special waste.

The extent of the excavation determined by evaluation of the characterization sample results is depicted on **Figure 8**.

3.2 Excavation Activities

Soil excavation activities were conducted on November 8, 2016 by Underground Power Corporation under the direction of EnviroForensics. Soil was removed using an excavator and loaded directly into dump trucks. The final excavation dimensions are depicted on **Figure 9**. The depth of the excavation was approximately 10 feet bgs and extended vertically into the capillary fringe of groundwater saturation. Excavation could not extend further north (i.e., closer to the building) because of an overhead electrical wire.

A total of 409.64 tons of soil were excavated, loaded and transported for disposal at Orchard Ridge Landfill in Menomonee Falls, Wisconsin. **Appendix C** contains the waste manifests and certificates of disposal. The excavation was backfilled with recycled concrete, and the asphalt was replaced. Photographs of the excavation are presented in **Appendix D**.

Monitoring wells MW-7, MW-8, and PZ-2 were destroyed as a result of excavation. In addition, several underground conveyance pipes associated with the former dual-phase extraction system for PVOC remediation were encountered, cut off, and removed.

3.3 Post-Excavation Soil Sampling

Soil samples were collected from the excavation floor and sidewalls to document residual VOC concentrations. Five (5) floor samples and 11 sidewall samples were collected. Soil samples were immediately placed in a cooler on ice under chain of custody control and submitted to Synergy Environmental Lab for analysis of VOCs by EPA Method 8260.

The soil sampling results are summarized and compared to Residual Contaminant Levels (RCLs) on **Table 2**. The soil sample locations, depths, and residual contaminant concentrations are

depicted on **Figure 9**. The laboratory analytical report is provided in **Appendix B**. The contaminant concentrations detected in the sidewall samples did not correspond to the concentrations detected in the characterization samples likely due to the heterogeneous nature of the clay and silt soil in this area and associated uneven distribution of impacts that is possible in these soil types. Shallow samples generally contained more PCE than deeper samples. Wall sample WS-10 at 3 feet bgs contained PCE at a concentration of 45,000 $\mu\text{g}/\text{kg}$ which is above the non-industrial direct-contact RCL. The CVOC concentrations in all other sidewall samples were below direct-contact RCLs. Likewise, all CVOC concentrations in the floor samples were below direct-contact RCLs. The floor samples were collected at the depth of the water table and likely represent saturated soil.

Despite the residual concentrations indicated by post-excavation sampling, the data suggest that the majority of contaminant mass in unsaturated soil was removed by the excavation. Particularly, soil at locations SB-13 and SB-14, both of which exhibited PCE concentrations above 20,000 $\mu\text{g}/\text{kg}$, were within the excavation boundary.

The PCE mass removed was estimated by dividing the excavation into seven (7) separate areas and five (5) two-foot depth intervals (between 0 and 10 feet bgs) to create 35 separate “volumes.” An average PCE concentration was assigned to each volume using investigation, characterization, and post-excavation soil sample analytical results. The soil mass of each area ranged from 34,000 to 80,000 kg, and the average concentration assigned to each volume ranged from 520 to 45,000 $\mu\text{g}/\text{kg}$. Using this approach, EnviroForensics estimates that approximately 2.54 kg (5.60 pounds) of PCE mass was removed during excavation of the source area.

4.0 GROUNDWATER TREATMENT PLAN

The remedial technology selected for groundwater treatment is ERD applied by injection. The target compounds for treatment are PCE and degradation products TCE and vinyl chloride. Each of these compounds is present in one (1) or more monitoring wells at concentrations above their respective enforcement standards, including PCE at concentrations up to 950 micrograms per liter ($\mu\text{g/L}$) as can be seen on **Figure 7**. The ERD product and engineered application aspects are described in more detail in Section 4.2 below. In general, the ERD application is designed to enhance the natural attenuation capability of the subsurface environment by producing greater subsurface reducing conditions conducive to microbial growth, supplement a food source for microbial respiration, and supply microbial populations specific to the complete degradation of CVOCs.

As enumerated in NR 722.09(2)(b)1, the overall remedial goal for groundwater should be to reduce the CVOC mass in groundwater to concentrations that are below the groundwater Preventative Action Limit (PAL) for these chlorinated compounds. Groundwater monitoring will be performed to determine if this goal is technically and economically achievable. If over the monitoring timeframe it is determined that this goal is not practicably attainable, then a combination of engineering and institutional controls will be utilized to achieve site closure while ensuring the adequate protection of public health, safety, and welfare, and the environment.

4.1 Permits and Approvals

An Injection Request and associated documents (prepared according to PUB RR-935), including a Wisconsin Pollutant Discharge Elimination System (WPDES) permit application, are required for WDNR approval prior to implementation of injection activities. EnviroForensics will prepare these documents upon approval of the remedial action plan. Access to 265 E. Hampton Ave (currently Confluence Graphics) and City of Milwaukee right-of-way will also be needed.

4.2 ERD Application

Investigation data indicates that native lithology has limited the vertical migration of contaminants to approximately 20 feet bgs. The target treatment interval is 10 feet bgs (the groundwater table) to 20 feet bgs. The proposed ERD solution to be injected is a combination of the following products manufactured by Regenesi[®]:

- 3-D Microemulsion® (electron donor emulsion);
- Chemical Reducing Solution® (CRS), an iron-based reagent to enhance subsurface reducing conditions; and
- Bio-Dechlor Inoculum Plus® (BDI), a microbial consortium containing species of dehalococoides.

All products are non-hazardous and safe to handle in level D personal protective equipment.

EnviroForensics and Regenesi[®] developed an injection design based on dissolved CVOC concentrations and the hydrogeological properties of the aquifer. Two (2) separate target remediation areas have been designated based on the distribution of groundwater impacts defined during the site investigation. As shown in **Figure 10** (attached), area A is located in the northern part of the Site, extending onto the adjacent property to the west and the City of Milwaukee right-of-way. Area B is located along the southern Site boundary around a hot-spot identified at monitoring well MW-8. The injection design is summarized below.

Area A

- Advance 16 direct-push injection points at the locations shown on **Figure 10**.
- Mix 15 gallons of 3-D Microemulsion and 6 gallons of CRS with water to produce 193 gallons of solution. Inject 193 gallons of solution into each of the 16 injection points.
- Mix 0.25 gallon BDI with water to produce 10 gallons of solution and inject the solution into each of the 16 injection points.

Area B

- Advance ten (10) direct-push injection points at the locations shown on **Figure 10**.
- Mix 15 gallons of 3-D Microemulsion and 5 gallons of CRS with water to produce 184 gallons of solution. Inject 184 gallons of solution into each of the ten (10) injection points.
- Mix 0.25 gallon BDI with water to produce 10 gallons of solution and inject the solution into each of the ten (10) injection points.

The products will be mixed with potable water to achieve the desired solution concentrations. The total of volume of solutions injected will be approximately 3,250 gallons, or 203 gallons per

point for Area A; and 1,940 gallons or 194 gallons per point for Area B. The application design summary is provided in **Appendix F**. The products will be stored in a secured container prior to mixing.

Mixing will be performed in large, trailer-mounted tanks with continuous agitation. The solution will then be pumped from the tanks, through a manifold and hose to the injection points. Injection points will be advanced using direct-push rods with a retractable screen tool specifically designed for fluid injection. Pressure and flow rate will be monitored and recorded to confirm that injection design parameters are met.

The direct-push tooling will be removed from each location after the prescribed volume of solution is injected, and the boreholes will be abandoned in accordance with NR 141.25 and patched to match the surrounding surface material.

4.3 Performance Monitoring

A remediation performance monitoring program will be implemented following the injection activities. The objectives of monitoring are to verify that aquifer conditions are conducive to reductive processes and to document decreasing CVOC concentration trends.

Groundwater elevation measurements will be collected to evaluate the temporary effect of injection on potentiometric surfaces and flow direction. Measurements will be collected from wells within and near the treatment area during injections, and from all Site monitoring wells during post-injection monitoring events. The depth to water in each well will be measured to the nearest 0.01 foot using an electronic water level indicator.

The monitoring well locations are depicted on **Figure 11**. Monitoring wells MW-7, MW-8 and PZ-2, which were destroyed during the excavation, will be replaced and designated MW-7R, MW-8R and PZ-2R, respectively. The replacement wells will be constructed in accordance with the requirements detailed in NR 141.

The proposed remediation performance monitoring program is detailed on **Table 3**. Monitoring wells within the treatment areas will be monitored periodically with decreasing frequency. Monitoring will be conducted for a minimum of two (2) years following injections. Third and fourth years of monitoring will be implemented if needed to demonstrate continuing reductions of groundwater contaminants due to continued activity of injected products, or continued reductions achieved via natural attenuation.

The monitoring program is summarized as follows:

- Periodic sample collection from MW-7R, MW-8R, MW-9, MW-13, W-13, and PZ-2R for analysis of VOCs;
- Periodic sample collection from MW-7R, MW-8R, MW-9, MW-13, and W-13 for analysis of total and dissolved iron, sulfate, nitrate, nitrite, dissolved gases, and dehalococoides population and species.

Groundwater samples will be collected via low-flow methods. Water quality data including electrical conductivity, temperature, dissolved oxygen, total dissolved solids, pH and oxidation-reduction potential (ORP) will be measured in the field with a portable meter.

Methane may be produced via the biodegradation of CVOCs. Methane concentrations will be measured in the headspace of shallow monitoring wells using a portable gas analyzer.

Investigation-derived media (IDM), including purge water and decontamination fluids, will be containerized in 55-gallon drums. A licensed contractor will be retained to remove drums following each monitoring event. The IDM will be managed under existing non-hazardous waste profiles.

4.4 Implementation Schedule

The Injection Request documents can be submitted within 30 days of written WDNR concurrence with the remedial action plan. EnviroForensics anticipates that the remedial injections can begin within 60 days of approval of the Injection Request. It is anticipated that the injection work will take approximately two (2) weeks to complete. The first monitoring event will be performed approximately two (2) months after injection activities are completed.

4.5 Reporting

In accordance with WAC Chapter NR 724.15, EnviroForensics will prepare documentation of remedial completion that presents the injection data as implemented in the field. Tables, maps, figures, and supporting data will also be included, as needed. Any deviation from design plans presented herein will be explained. The documentation will be submitted within 60 days of completing the injection activities.



Semi-annual remediation progress reports will be submitted to WDNR, as required, using the Remediation Site Operation, Maintenance, Monitoring & Optimization Report (WDNR Form 4400-194). The reports will include information on geochemistry and the operational configuration during the reporting period, figures, tables, and graphs showing rate of mass removal and cumulative mass removal.

5.0 CLOSURE STRATEGY AND CONTINUING OBLIGATIONS

The objective of the excavation was to remove contaminant mass in the vadose zone, thereby reducing contaminant partitioning to the vapor phase and mass loading to groundwater. The excavation likely removed the majority of contaminant mass in unsaturated soil. Residual impacts in unsaturated soil beneath the Site building are not accessible without severe disruption to the business and modifications to the building. Therefore, the building is considered a structural impediment, and no further excavation is proposed.

The continuing closure strategy for the Site consists of targeted groundwater treatment, followed by the implementation of institutional and engineering controls. The objective of groundwater treatment is to convert the majority of the dissolved CVOC mass to ethene and prevent potential downgradient expansion of the plume. Additional anticipated closure requirements consist of the following:

- Assignment of the building as a “structural impediment” which institutes a requirement to sample and possibly remediate soil under the building if it becomes accessible in the future;
- In the absence of SVE, installation of a sub-slab depressurization system (SSDS) in the Site building to mitigate a vapor intrusion risk resulting from inaccessible shallow soil impacts situated beneath the building slab;
- Use of the existing asphalt cap and building slab as an engineered barrier to prevent direct contact with shallow soil impacts and to prevent infiltration of rain water to reduce the potential for continued leaching of contaminants from shallow soil to groundwater; and
- The use of institutional controls as needed to notify existing property owners of any groundwater use restrictions and continued obligations.

The Site will be placed on the GIS Registry due to residual soil contamination and the WDNR will identify inspection and maintenance of the engineering controls as post-closure continuing obligations. Notification of impacts to off-Site property owners is also anticipated.

The estimated duration of the selected remedial action is 3 to 4 years, including performance monitoring and reporting. The time frame for case closure will depend on regulatory concurrence with achieving remedial objectives and any requirements for additional monitoring.

TABLES

TABLE 1
Remedial Characterization Soil Sample Analytical Results

One Hour Martinizing
 285 East Hampton Avenue
 Milwaukee, Wisconsin

Boring Identification	Depth (feet)	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride
Industrial RCL			145,000	8,410	2,340,000	1,850,000	2,080
Non-Industrial RCL			33,000	1,300	156,000	1,560,000	67.1
EB-1	1-3	10/12/2016	83 J	<42	<21	<24	<10
	7-8	10/12/2016	111 J	<42	<21	<24	<10
EB-2	5-6	10/12/2016	282	<42	<21	<24	<10
EB-3	5-6	10/12/2016	238	<42	<21	<24	<10
	6-8	10/12/2016	660	<42	<21	<24	<10
EB-4	2-4	10/12/2016	64 J	<42	<21	<24	<10
	6-8	10/12/2016	66 J	<42	<21	<24	<10
EB-5	6-8	10/12/2016	960	<42	<21	<24	<10
EB-6	6-8	10/12/2016	3,500	<42	<21	<24	<10
EB-7	1-3	10/12/2016	770	130 J	<21	<24	<10
	5.5-7.5	10/12/2016	<54	<42	<21	<24	<10
EB-8	1-3	10/12/2016	620	<42	<21	<24	<10
	5-7	10/12/2016	560	<42	<21	<24	<10
EB-9	2-3	10/12/2016	640	<42	<21	<24	<10
	5-7	10/12/2016	1,410	<42	<21	<24	<10

Notes:

Residual Contaminant Levels (RCLs) calculated in accordance with WDNR Publication RR-890

Boring locations are depicted on Figure 2

Results reported in micrograms per kilogram (µg/kg)

Bolded values are reported above the laboratory detection limit.

J = Estimated concentration between the method detection limit and reporting limit

TABLE 2
Post-Excavation Soil Sample Analytical Results

One Hour Martinizing
 285 East Hampton Avenue
 Milwaukee, Wisconsin

Sample Identification	Depth (feet)	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride
Industrial RCL			145,000	8,410	2,340,000	1,850,000	2,080
Non-Industrial RCL			33,000	1,300	156,000	1,560,000	67.1
WS-1	3	11/8/2016	18,500	<42	<21	<24	<10
	7	11/8/2016	1,990	<42	<21	<24	<10
WS-2	3	11/8/2016	720	71 J	<21	<24	<10
	7	11/8/2016	470	<42	<21	<24	<10
WS-3	3	11/8/2016	1,060	<42	<21	<24	<10
	7	11/8/2016	440	<42	<21	<24	<10
WS-4	3	11/8/2016	3,160	<42	<21	<24	<10
	7	11/8/2016	1,290	<42	<21	<24	<10
WS-5	3	11/8/2016	9,800	<42	<21	<24	<10
	7	11/8/2016	1,230	<42	<21	<24	<10
WS-6	3	11/8/2016	1,900	<42	<21	<24	<10
	7	11/8/2016	1,290	<42	<21	<24	<10
WS-7	3	11/8/2016	141 J	<42	<21	<24	<10
	7	11/8/2016	3,130	<42	<21	<24	<10
WS-8	3	11/8/2016	520	<42	<21	<24	<10
	7	11/8/2016	970	<42	<21	<24	<10
WS-9	3	11/8/2016	1,920	53 J	<21	<24	<10
	7	11/8/2016	208	<42	<21	<24	<10
WS-10	3	11/8/2016	45,000	1,020	<105	<120	<50
	7	11/8/2016	1,080	<42	<21	<24	<10
WS-11	3	11/8/2016	620	<42	<21	<24	<10
	7	11/8/2016	1,190	<42	<21	<24	<10
FS-1	10	11/8/2016	3,200	<42	<21	<24	<10
FS-2	10	11/8/2016	4,800	<42	<21	<24	<10
FS-3	10	11/8/2016	5,200	<42	<21	<24	<10
FS-4	10	11/8/2016	<54	<42	<21	<24	<10
FS-5	10	11/8/2016	289	<42	<21	<24	<10

Notes:

Residual Contaminant Levels (RCLs) calculated in accordance with WDNR Publication RR-890

Results reported in micrograms per kilogram (µg/kg)

Sample locations are depicted on Figure 3

Bolded values are reported above the laboratory detection limit.

Bolded and green shaded values exceed the WDNR Non-Industrial RCL

J = Estimated concentration between the method detection limit and reporting limit

WS denotes excavation sidewall sample

FS denotes excavation floor sample

TABLE 3
REMEDIATION PERFORMANCE MONITORING PROGRAM

One Hour Martinizing
 Milwaukee, Wisconsin

YEAR 1								
Parameter	VOCs	Total Fe	Dissolved Fe	Sulfate	Nitrate	Nitrite	Ethene/Ethane/Methane	DHC Population/Species
<i>Test Method</i>	8260	6010	6010	300.0 IC	300.0 IC	300.0 IC	8015	<i>CENSUS (Microbial Insights)</i>
MW-7R	Q	Q	Q	Q	Q	Q	Q	S
MW-8R	Q	Q	Q	Q	Q	Q	Q	S
MW-9	Q	Q	Q	Q	Q	Q	Q	S
MW-13	Q	Q	Q	Q	Q	Q	Q	S
W-13	Q	Q	Q	Q	Q	Q	Q	S
PZ-2R	Q							

YEAR 2								
Parameter	VOCs	Total Fe	Dissolved Fe	Sulfate	Nitrate	Nitrite	Ethene/Ethane/Methane	DHC Population/Species
<i>Test Method</i>	8260	6010	6010	300.0 IC	300.0 IC	300.0 IC	8015	<i>CENSUS (Microbial Insights)</i>
MW-7R	Q	S	S	S	S	S	S	A
MW-8R	Q	S	S	S	S	S	S	A
MW-9	Q	S	S	S	S	S	S	A
MW-13	Q	S	S	S	S	S	S	A
W-13	Q	S	S	S	S	S	S	A
PZ-2R	Q							

Notes:

Third and fourth years of monitoring will be implemented if needed to demonstrate continuing reductions of groundwater contaminants due to continued activity of injected products, or continued reductions achieved via natural attenuation.

The first monitoring event will be performed approximately 2 months after injections

Q = Sample collected for analysis quarterly

S = Sample collected for analysis semi-annually

A = Sample collected for analysis annually

DHC = Dehalococoides

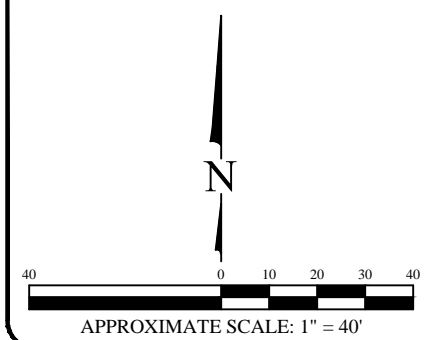
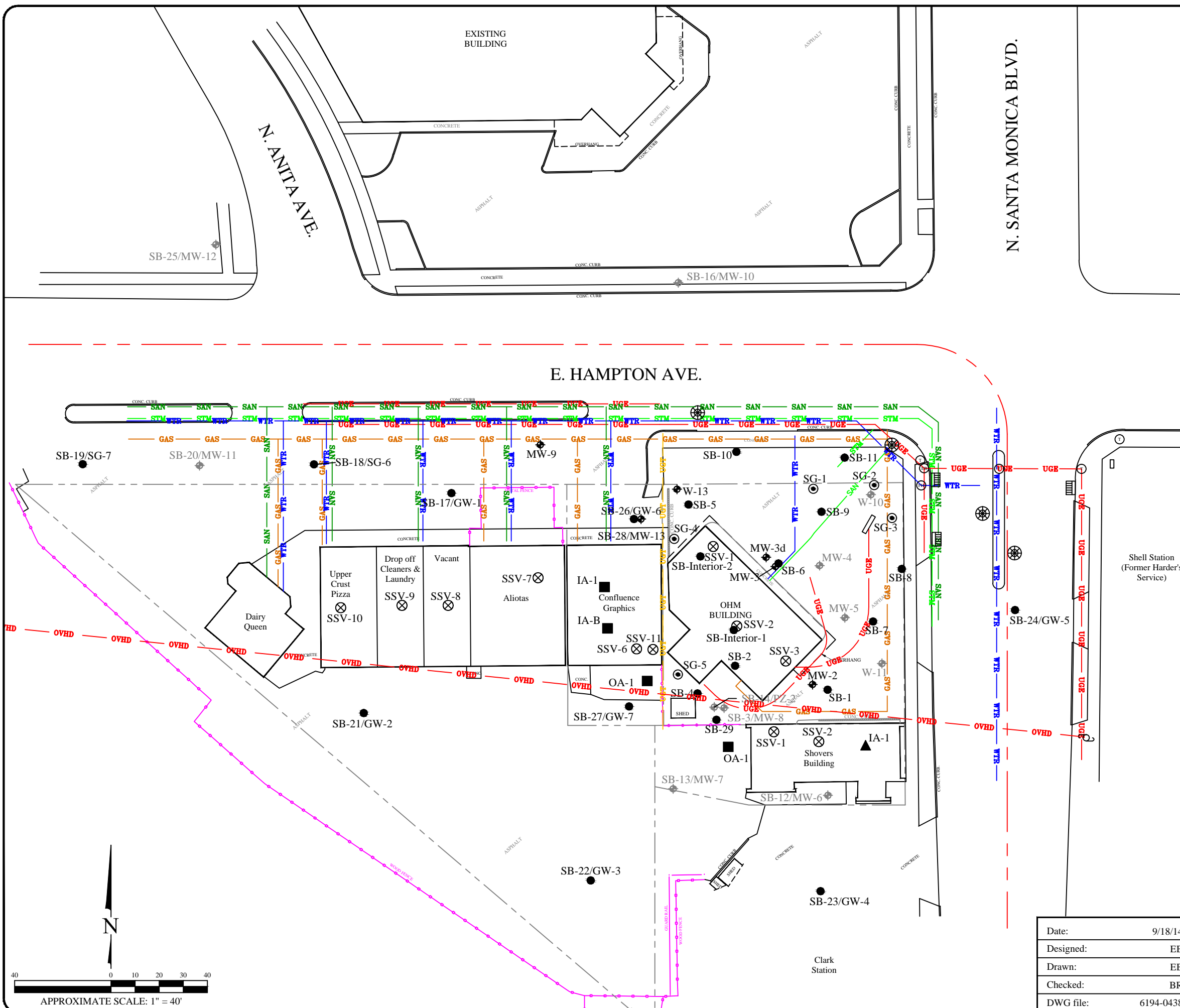
Fe = Iron

VOCs = Volatile Organic Compounds

FIGURES

Legend

- Property boundary
- City of Milwaukee/Village Whitefish Bay boundary
- Fence line
- GAS Underground gas utility line
- WTR Underground water utility line
- SAN Underground sanitary utility line
- STM Underground storm utility line
- UGE Underground electrical utility line
- UGT Underground fiber optic line
- Utility Pole
- Catch Basin
- Manhole
- Fire hydrant
- Electrical box
- MW-1 Monitoring Well
- MW-4 Abandoned Monitoring Wells
- SB-1 Soil Boring
- SG-1 Soil Gas sample
- SSV-1 Sub-Slab Vapor sample location
- OA-1 Outdoor air sample
- IA-1 Indoor air sample



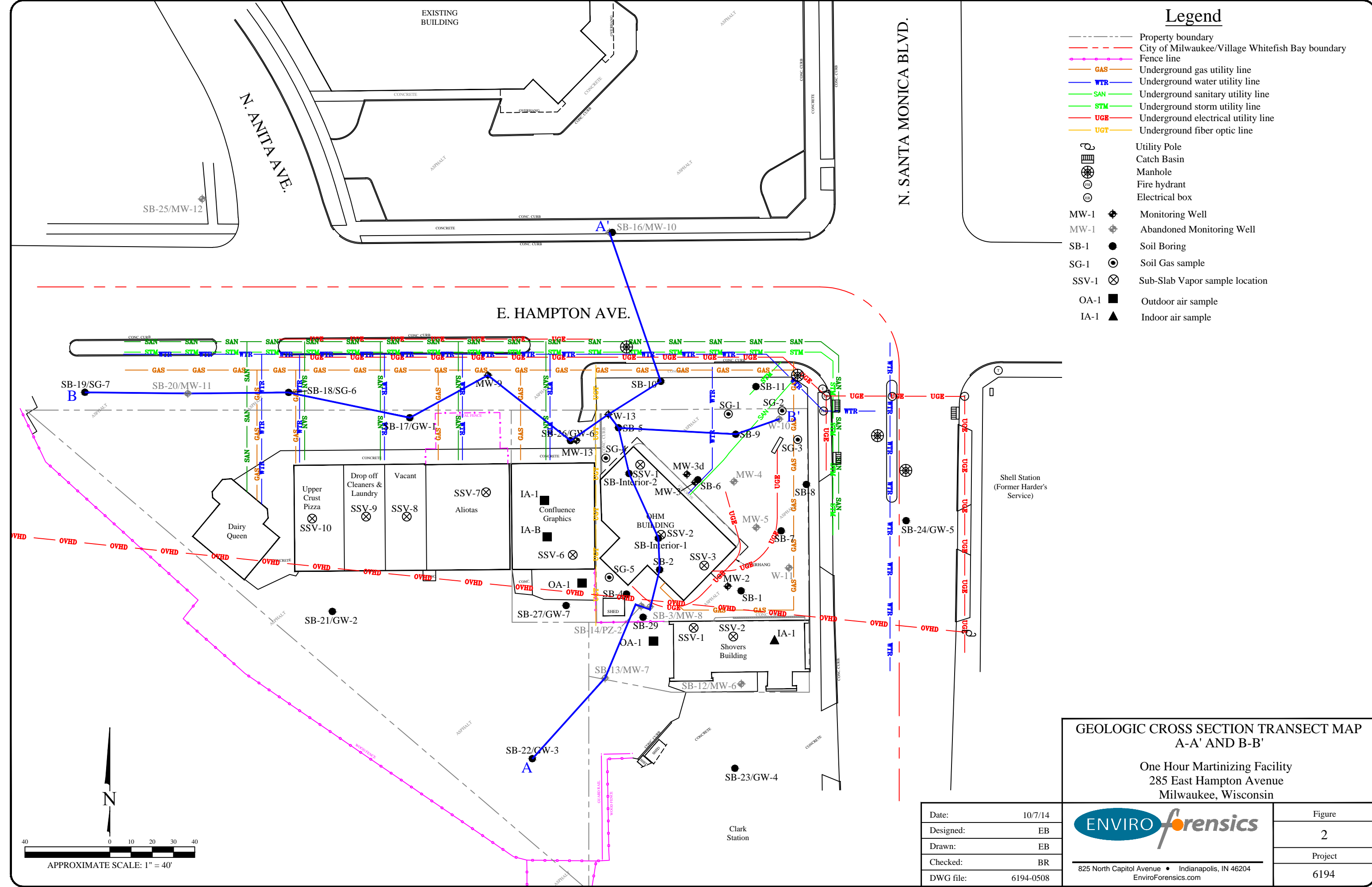
SITE PLAN

One Hour Martinizing Facility
285 East Hampton Avenue
Milwaukee, Wisconsin

Date:	9/18/14
Designed:	EB
Drawn:	EB
Checked:	BR
DWG file:	6194-0438

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Figure	1
Project	6194



**GEOLOGIC CROSS SECTION TRANSECT MAP
A-A' AND B-B'**

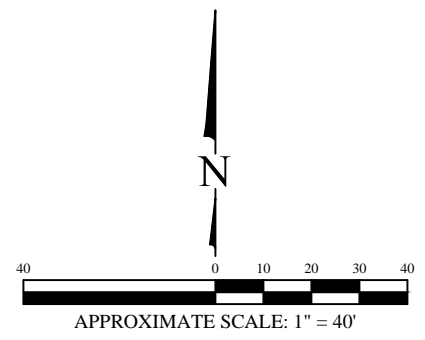
One Hour Martinizing Facility
285 East Hampton Avenue
Milwaukee, Wisconsin

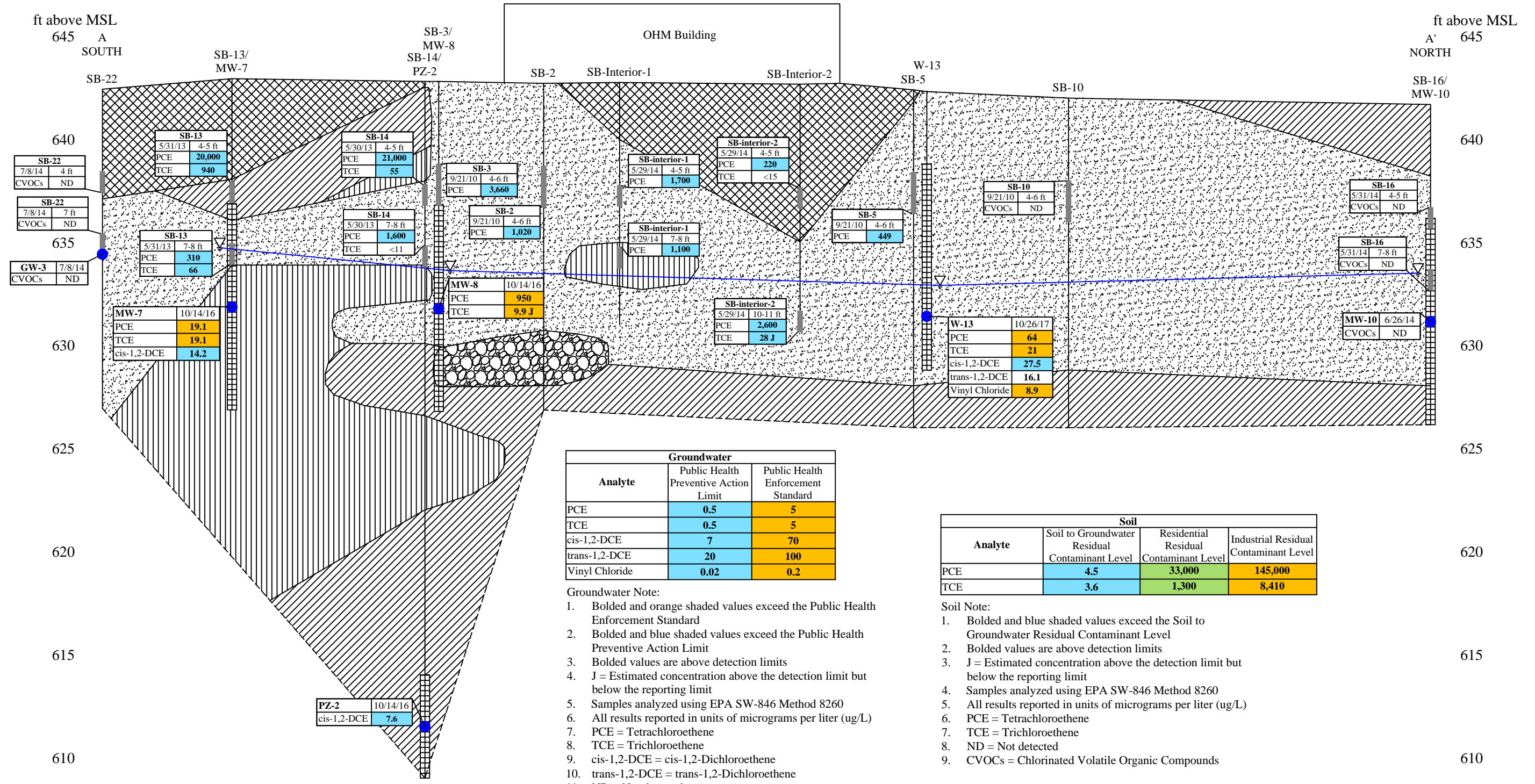
Date:	10/7/14
Designed:	EB
Drawn:	EB
Checked:	BR
DWG file:	6194-0508

ENVIROforensics

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Figure	2
Project	6194





Groundwater		
Analyte	Public Health Preventive Action Limit	Public Health Enforcement Standard
PCE	0.5	5
TCE	0.5	5
cis-1,2-DCE	7	70
trans-1,2-DCE	20	100
Vinyl Chloride	0.02	0.2

- Groundwater Note:
- Bolded and orange shaded values exceed the Public Health Enforcement Standard
 - Bolded and blue shaded values exceed the Public Health Preventive Action Limit
 - Bolded values are above detection limits
 - J = Estimated concentration above the detection limit but below the reporting limit
 - Samples analyzed using EPA SW-846 Method 8260
 - All results reported in units of micrograms per liter (ug/L)
 - PCE = Tetrachloroethene
 - TCE = Trichloroethene
 - cis-1,2-DCE = cis-1,2-Dichloroethene
 - trans-1,2-DCE = trans-1,2-Dichloroethene
 - ND = Not detected
 - CVOCs = Chlorinated Volatile Organic Compounds
 - Detected compounds shown are from the most recent results from each location

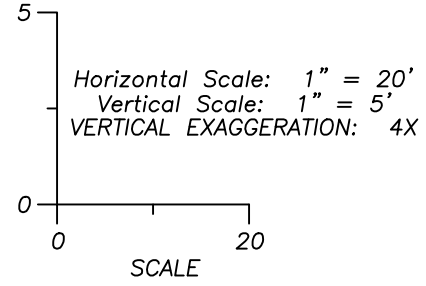
Soil			
Analyte	Soil to Groundwater Residual Contaminant Level	Residential Residual Contaminant Level	Industrial Residual Contaminant Level
PCE	4.5	33,000	145,000
TCE	3.6	1,300	8,410

- Soil Note:
- Bolded and blue shaded values exceed the Soil to Groundwater Residual Contaminant Level
 - Bolded values are above detection limits
 - J = Estimated concentration above the detection limit but below the reporting limit
 - Samples analyzed using EPA SW-846 Method 8260
 - All results reported in units of micrograms per liter (ug/L)
 - PCE = Tetrachloroethene
 - TCE = Trichloroethene
 - ND = Not detected
 - CVOCs = Chlorinated Volatile Organic Compounds

Legend

	Fill
	Sand
	Clay
	Silt
	Gravel

- Observed groundwater elevation on June 26, 2014
- Monitoring well screen
- Dashed boundaries are inferred
- ft above MSL = Feet above Mean Sea Level
- Soil sample depth interval
- Groundwater sample depth interval

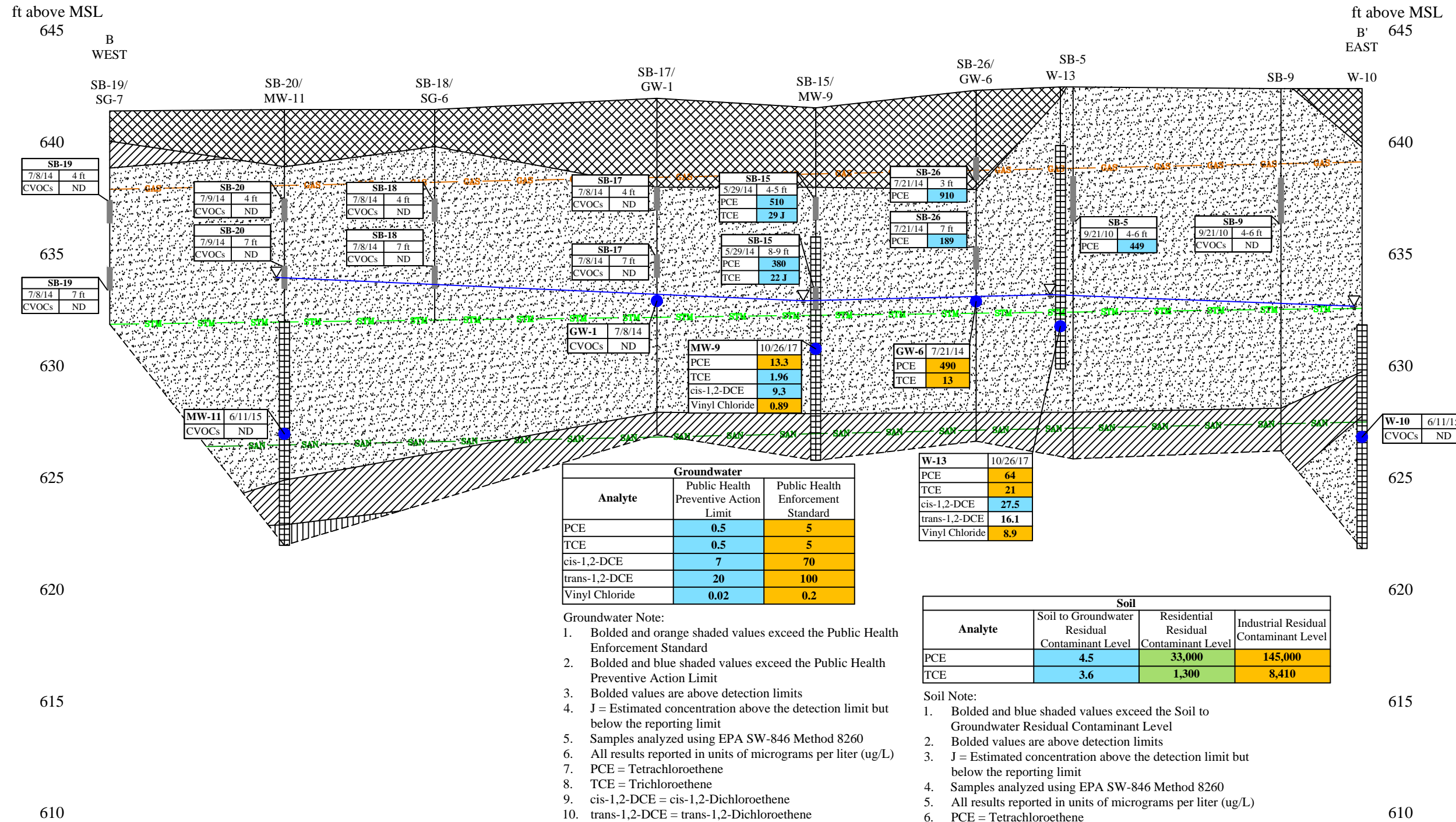


GEOLOGIC CROSS SECTION A-A'

One Hour Martinizing Facility
285 East Hampton Avenue
Milwaukee, Wisconsin

Date:	10/7/14		Figure
Designed:	EB		3
Drawn:	EB		Project
Checked:	BR		6194
DWG file:	6194-0508		

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Groundwater		
Analyte	Public Health Preventive Action Limit	Public Health Enforcement Standard
PCE	0.5	5
TCE	0.5	5
cis-1,2-DCE	7	70
trans-1,2-DCE	20	100
Vinyl Chloride	0.02	0.2

- Groundwater 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 = Estimated concentration above the detection limit but below the reporting limit
 5. Samples analyzed using EPA SW-846 Method 8260
 6. All results reported in units of micrograms per liter (ug/L)
 7. PCE = Tetrachloroethene
 8. TCE = Trichloroethene
 9. cis-1,2-DCE = cis-1,2-Dichloroethene
 10. trans-1,2-DCE = trans-1,2-Dichloroethene
 11. ND = Not detected
 12. CVOCs = Chlorinated Volatile Organic Compounds
 13. Detected compounds shown are from the most recent results from each location

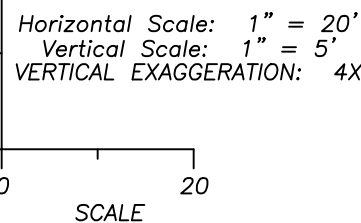
Soil			
Analyte	Soil to Groundwater Residual Contaminant Level	Residential Residual Contaminant Level	Industrial Residual Contaminant Level
PCE	4.5	33,000	145,000
TCE	3.6	1,300	8,410

- Soil Note:
1. Bolded and blue shaded values exceed the Soil to Groundwater Residual Contaminant Level
 2. Bolded values are above detection limits
 3. J = Estimated concentration above the detection limit but below the reporting limit
 4. Samples analyzed using EPA SW-846 Method 8260
 5. All results reported in units of micrograms per liter (ug/L)
 6. PCE = Tetrachloroethene
 7. TCE = Trichloroethene
 8. ND = Not detected
 9. CVOCs = Chlorinated Volatile Organic Compounds

Legend

	Fill
	Sand
	Clay
	Silt
	Gravel

- Observed groundwater elevation on June 26, 2014
- Monitoring well screen
- Dashed boundaries are inferred
- ft above MSL = Feet above Mean Sea Level
- Soil sample depth interval
- Groundwater sample depth interval
- GAS Underground 8" gas utility line
- SAN Underground 12" sanitary utility line
- STM Underground 8" storm utility line



Date:	10/7/14
Designed:	EB
Drawn:	EB
Checked:	BR
DWG file:	6194-0508

GEOLOGIC CROSS SECTION B-B'








One Hour Martinizing Facility
 285 East Hampton Avenue
 Milwaukee, Wisconsin

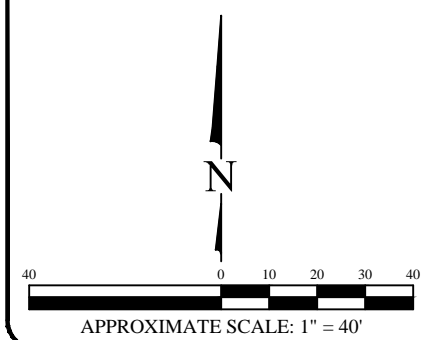
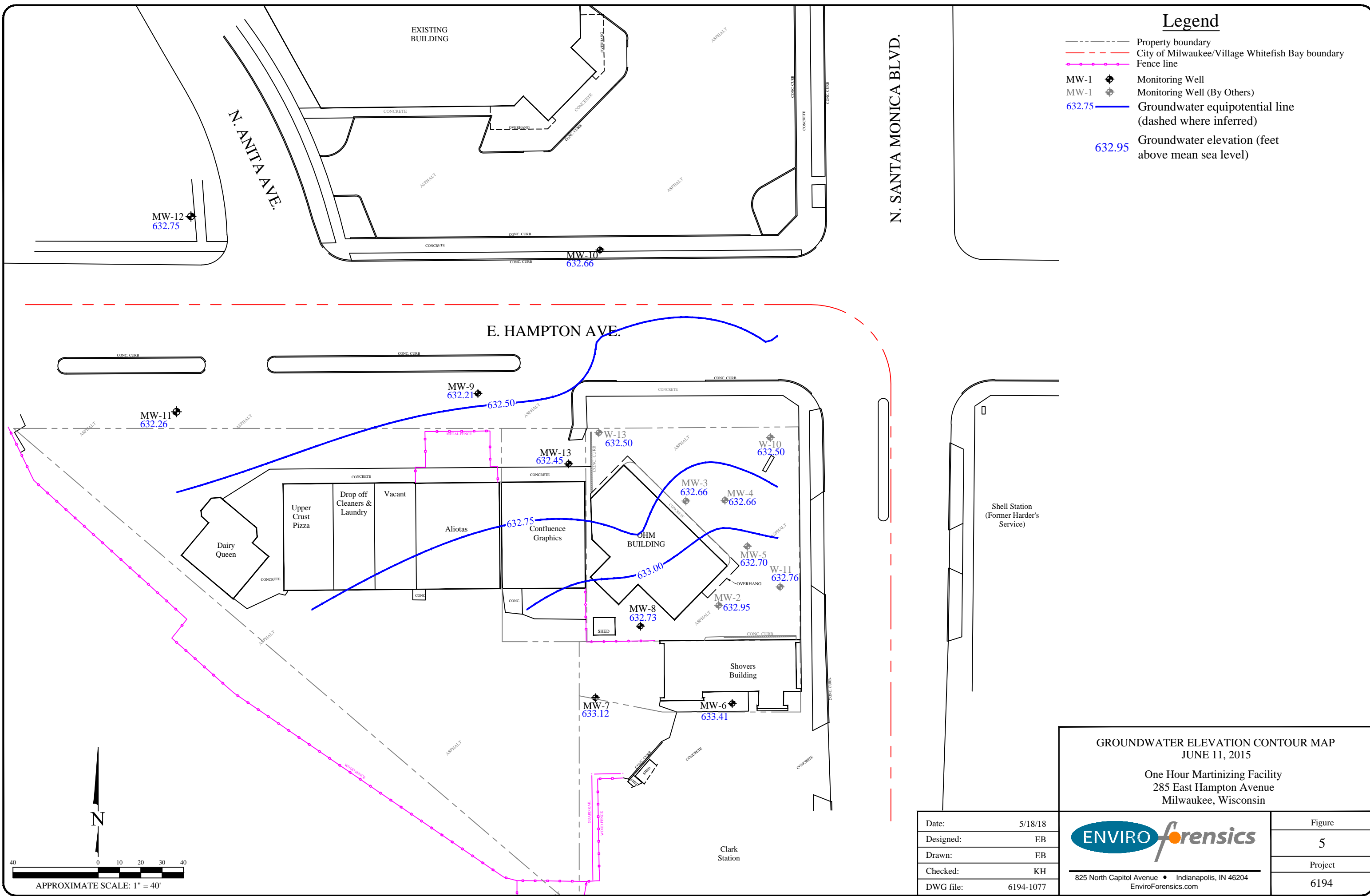
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Date:	10/7/14
Designed:	EB
Drawn:	EB
Checked:	BR
DWG file:	6194-0508

Figure	4
Project	6194

Legend

-  Property boundary
-  City of Milwaukee/Village Whitefish Bay boundary
-  Fence line
- MW-1  Monitoring Well
- MW-1  Monitoring Well (By Others)
- 632.75  Groundwater equipotential line (dashed where inferred)
- 632.95  Groundwater elevation (feet above mean sea level)



Shell Station
(Former Harder's
Service)

GROUNDWATER ELEVATION CONTOUR MAP
JUNE 11, 2015

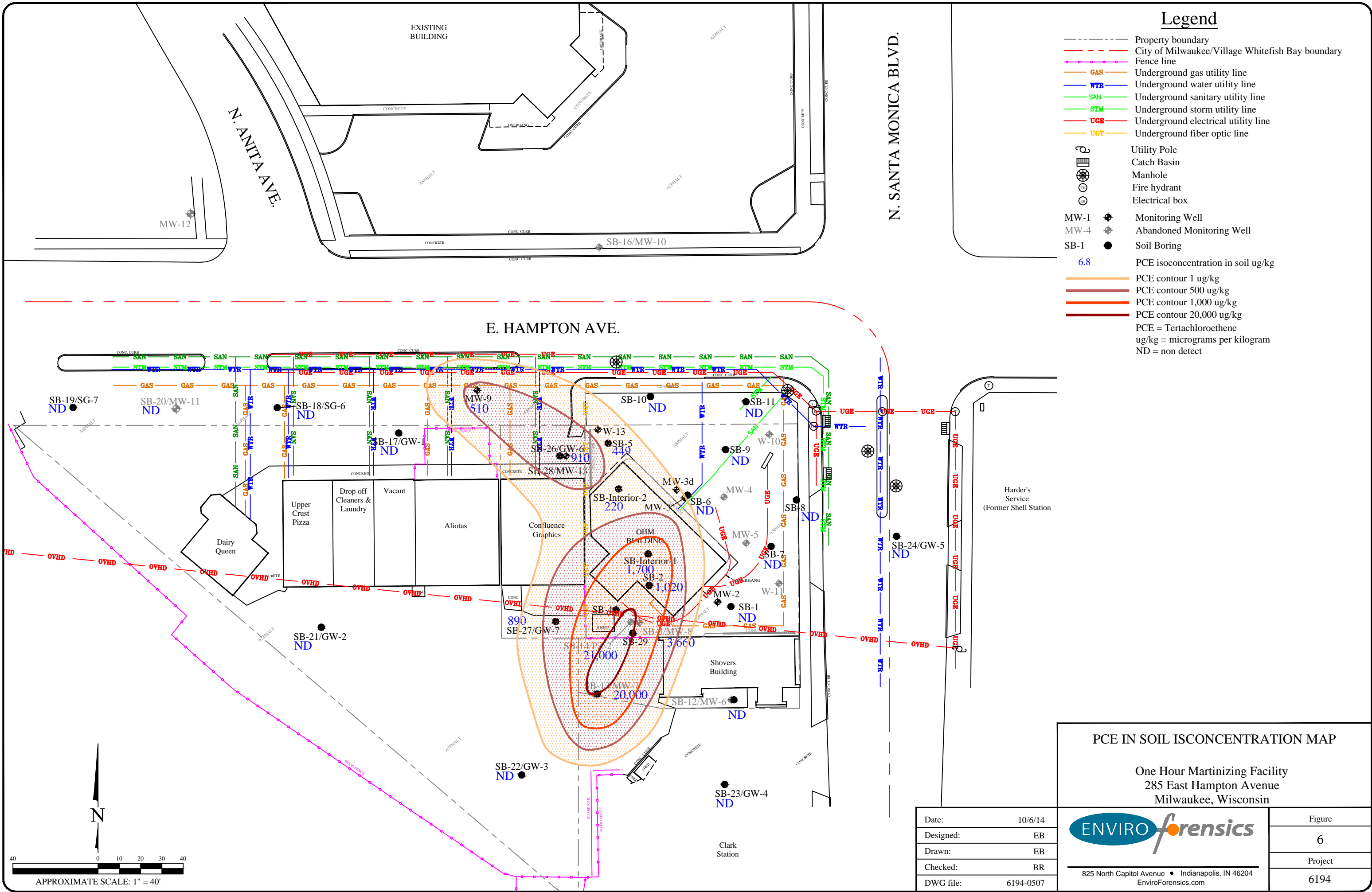
One Hour Martinizing Facility
285 East Hampton Avenue
Milwaukee, Wisconsin

Date:	5/18/18
Designed:	EB
Drawn:	EB
Checked:	KH
DWG file:	6194-1077



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Figure	5
Project	6194



Legend

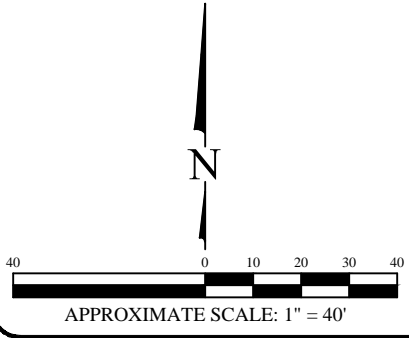
- Property boundary
- - - - - City of Milwaukee/Village Whitefish Bay boundary
- Fence line
- GAS Underground gas utility line
- WTR Underground water utility line
- SAN Underground sanitary utility line
- STM Underground storm utility line
- UGE Underground electrical utility line
- UGT Underground fiber optic line
- Utility Pole
- Catch Basin
- Manhole
- Fire hydrant
- Electrical box
- MW-1 Monitoring Well
- MW-4 Abandoned Monitoring Well
- SB-1 Soil Boring
- 6.8 PCE isoconcentration in soil ug/kg
- PCE contour 1 ug/kg
- PCE contour 500 ug/kg
- PCE contour 1,000 ug/kg
- PCE contour 20,000 ug/kg
- PCE = Tertachloroethene
- ug/kg = micrograms per kilogram
- ND = non detect

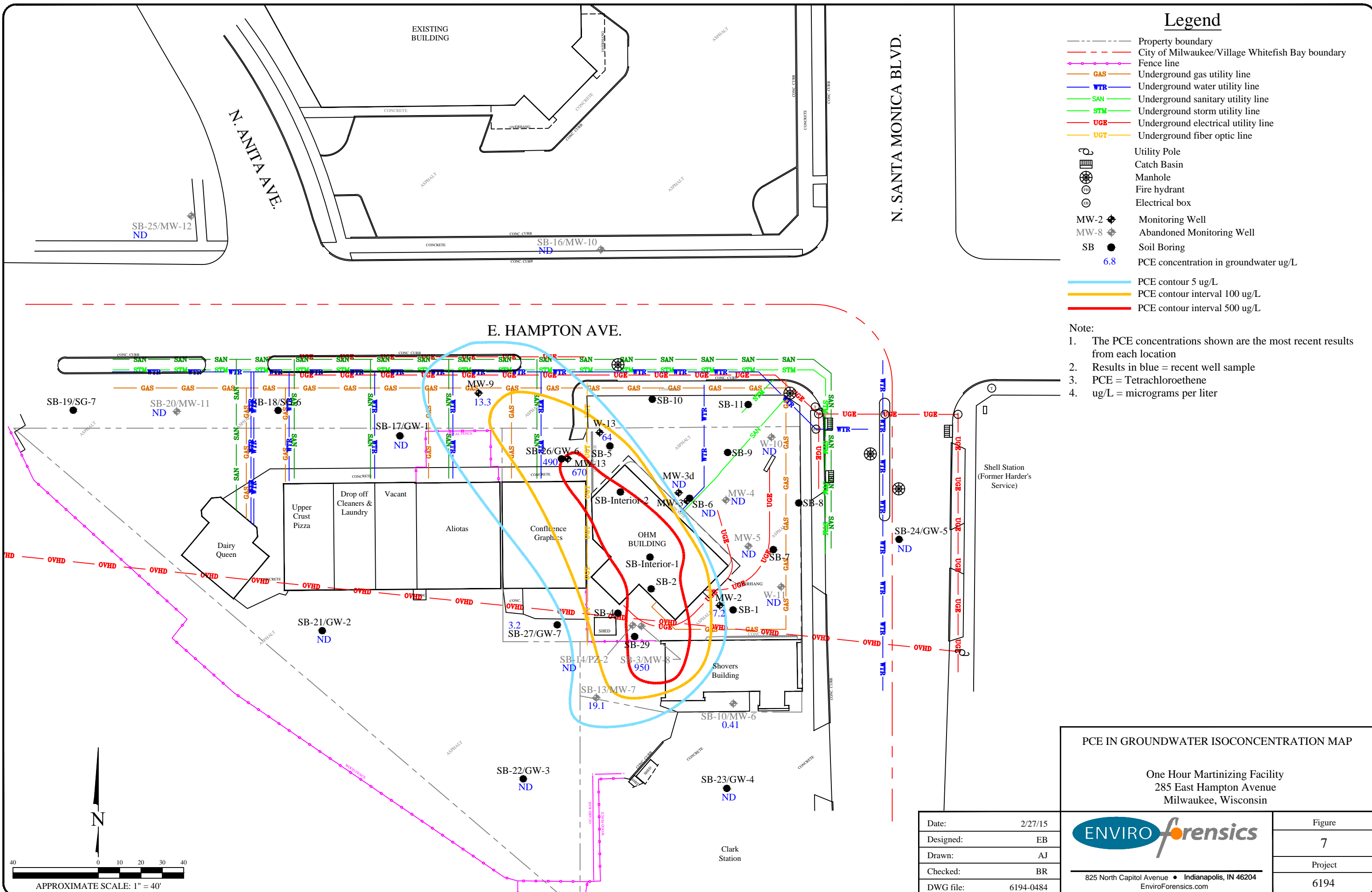
PCE IN SOIL ISCONCENTRATION MAP

One Hour Martinizing Facility
285 East Hampton Avenue
Milwaukee, Wisconsin

Date: 10/6/14	
Designed: EB	
Drawn: EB	
Checked: BR	
DWG file: 6194-0507	
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Figure	6
Project	6194





Legend

- Property boundary
- - - City of Milwaukee/Village Whitefish Bay boundary
- Fence line
- GAS --- Underground gas utility line
- WTR --- Underground water utility line
- SAN --- Underground sanitary utility line
- STM --- Underground storm utility line
- UGE --- Underground electrical utility line
- UGT --- Underground fiber optic line
- Utility Pole
- Catch Basin
- Manhole
- Fire hydrant
- Electrical box
- MW-2 Monitoring Well
- MW-8 Abandoned Monitoring Well
- SB Soil Boring
- 6.8 PCE concentration in groundwater ug/L
- PCE contour 5 ug/L
- PCE contour interval 100 ug/L
- PCE contour interval 500 ug/L

- Note:
- The PCE concentrations shown are the most recent results from each location
 - Results in blue = recent well sample
 - PCE = Tetrachloroethene
 - ug/L = micrograms per liter

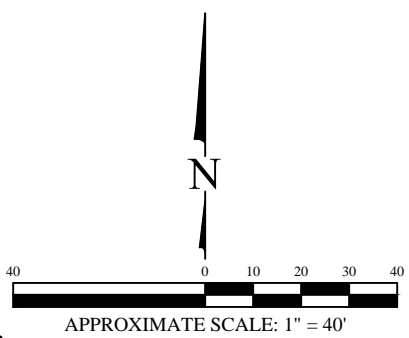
PCE IN GROUNDWATER ISOCONCENTRATION MAP

One Hour Martinizing Facility
285 East Hampton Avenue
Milwaukee, Wisconsin

Date:	2/27/15
Designed:	EB
Drawn:	AJ
Checked:	BR
DWG file:	6194-0484

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Figure	7
Project	6194



Legend

- Property boundary
- - - City of Milwaukee/Village Whitefish Bay boundary
- Fence line
- GAS --- Underground gas utility line
- WTR --- Underground water utility line
- SAN --- Underground sanitary utility line
- STM --- Underground storm utility line
- UGE --- Underground electrical utility line
- UGT --- Underground fiber optic line

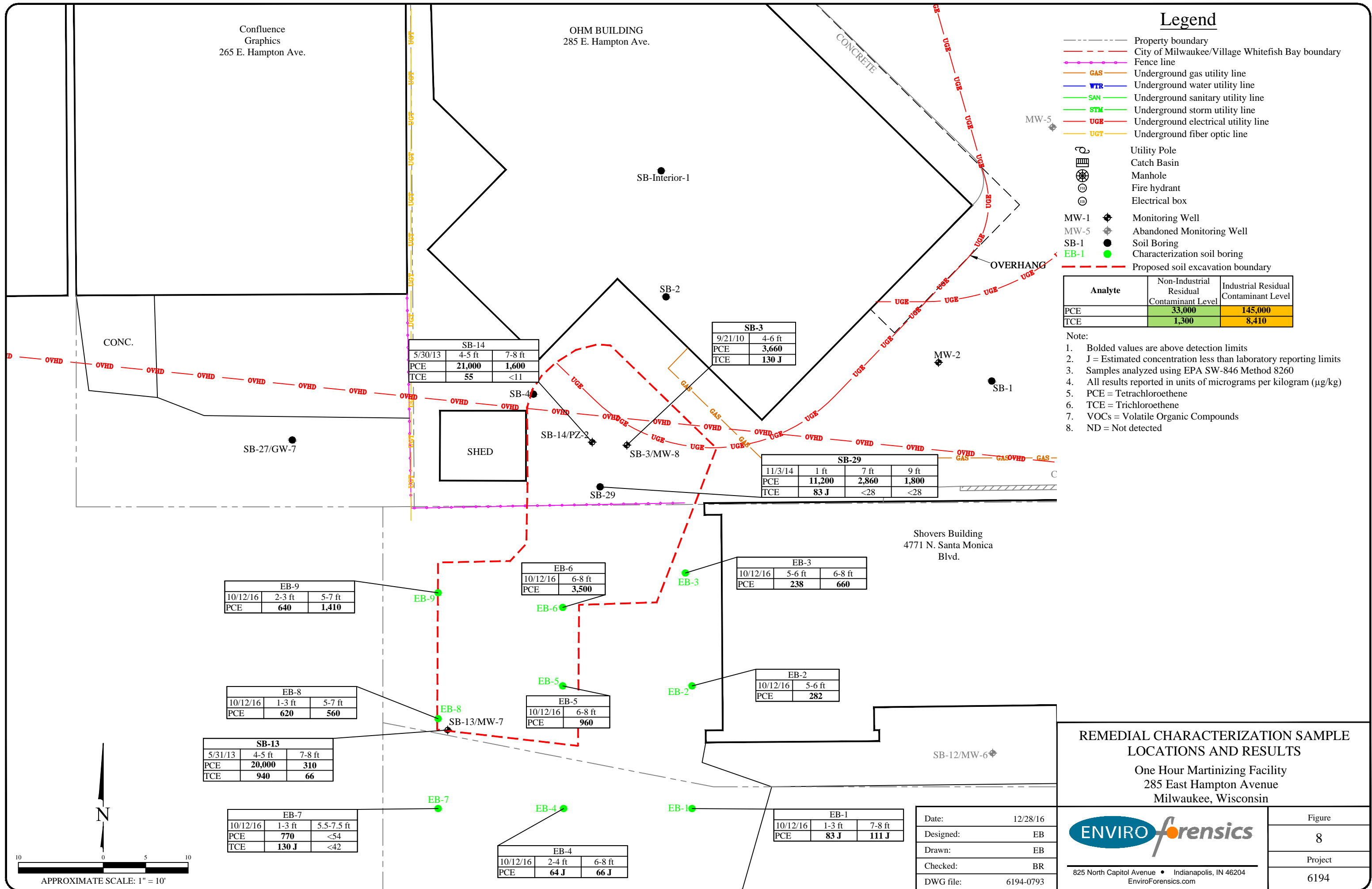
- Utility Pole
- Catch Basin
- Manhole
- Fire hydrant
- Electrical box

- MW-1 Monitoring Well
- MW-5 Abandoned Monitoring Well
- SB-1 Soil Boring
- EB-1 Characterization soil boring
- Proposed soil excavation boundary

Analyte	Non-Industrial Residual Contaminant Level	Industrial Residual Contaminant Level
PCE	33,000	145,000
TCE	1,300	8,410

Note:

1. Bolded values are above detection limits
2. J = Estimated concentration less than laboratory reporting limits
3. Samples analyzed using EPA SW-846 Method 8260
4. All results reported in units of micrograms per kilogram (µg/kg)
5. PCE = Tetrachloroethene
6. TCE = Trichloroethene
7. VOCs = Volatile Organic Compounds
8. ND = Not detected



SB-14		
5/30/13	4-5 ft	7-8 ft
PCE	21,000	1,600
TCE	55	<11

SB-3	
9/21/10	4-6 ft
PCE	3,660
TCE	130 J

SB-29			
11/3/14	1 ft	7 ft	9 ft
PCE	11,200	2,860	1,800
TCE	83 J	<28	<28

EB-9		
10/12/16	2-3 ft	5-7 ft
PCE	640	1,410

EB-6	
10/12/16	6-8 ft
PCE	3,500

EB-3		
10/12/16	5-6 ft	6-8 ft
PCE	238	660

EB-8		
10/12/16	1-3 ft	5-7 ft
PCE	620	560

EB-5	
10/12/16	6-8 ft
PCE	960

EB-2	
10/12/16	5-6 ft
PCE	282

SB-13		
5/31/13	4-5 ft	7-8 ft
PCE	20,000	310
TCE	940	66

EB-7		
10/12/16	1-3 ft	5.5-7.5 ft
PCE	770	<54
TCE	130 J	<42

EB-4		
10/12/16	2-4 ft	6-8 ft
PCE	64 J	66 J

EB-1		
10/12/16	1-3 ft	7-8 ft
PCE	83 J	111 J

Date:	12/28/16
Designed:	EB
Drawn:	EB
Checked:	BR
DWG file:	6194-0793

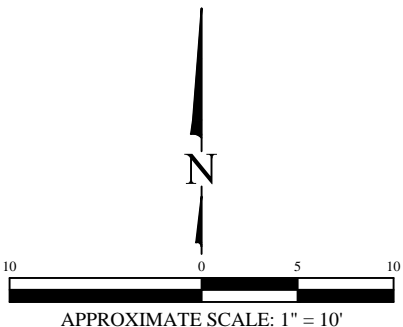
REMEDIAL CHARACTERIZATION SAMPLE LOCATIONS AND RESULTS

One Hour Martinizing Facility
285 East Hampton Avenue
Milwaukee, Wisconsin



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

Figure	8
Project	6194



Legend

- Property boundary
- - - City of Milwaukee/Village Whitefish Bay boundary
- Fence line
- GAS --- Underground gas utility line
- WTR --- Underground water utility line
- SAN --- Underground sanitary utility line
- STM --- Underground storm utility line
- UGE --- Underground electrical utility line
- UGT --- Underground fiber optic line

- Utility Pole
- Catch Basin
- Manhole
- Fire hydrant
- Electrical box

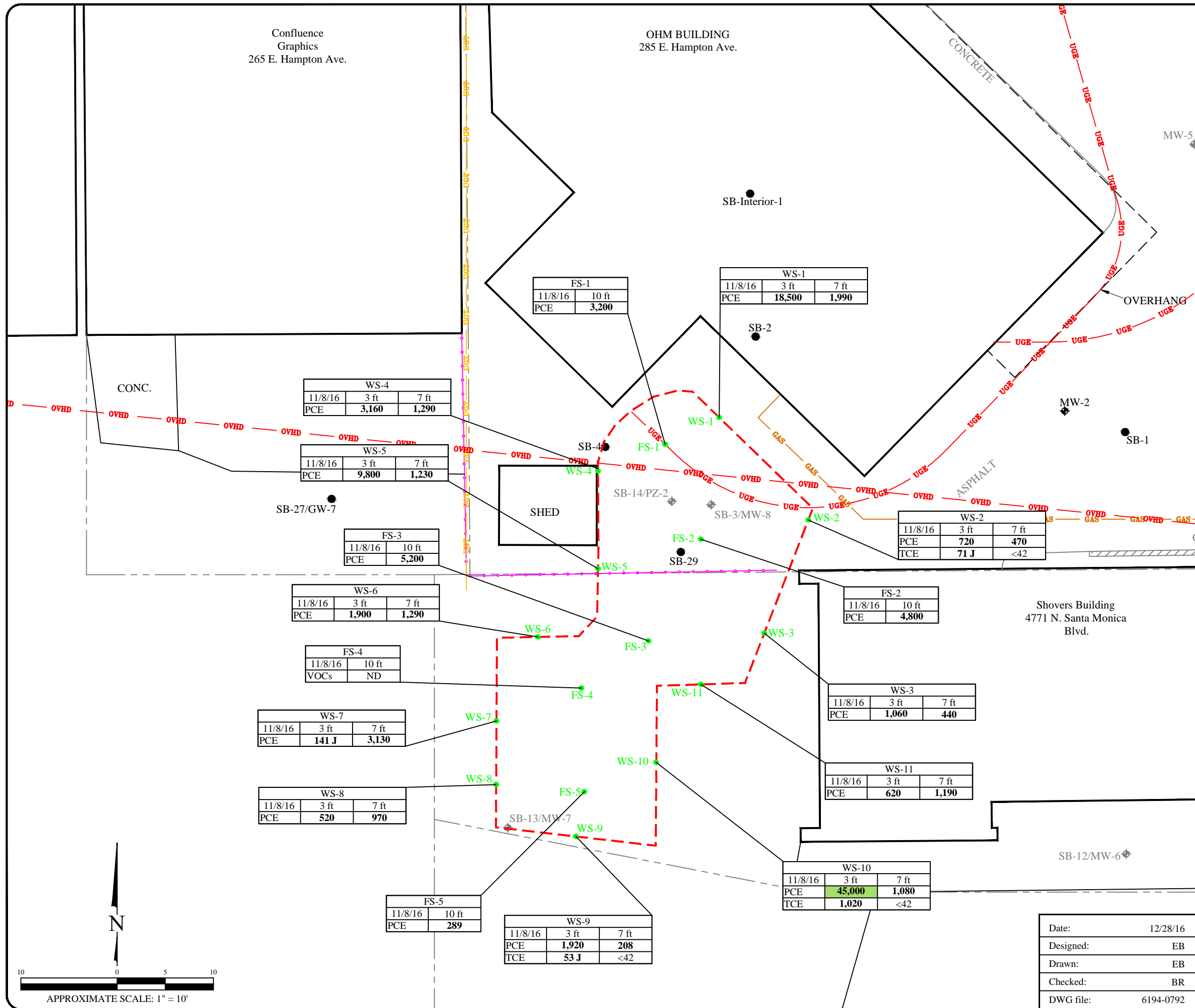
- MW-1 Monitoring Well
- MW-5 Abandoned Monitoring Well
- SB-1 Soil Boring

- WS-1 Excavation wall sample
- FS-1 Excavation floor sample
- - - Soil excavation boundary

Analyte	Non-Industrial Residual Contaminant Level	Industrial Residual Contaminant Level
PCE	33,000	145,000
TCE	1,300	8,410

Note:

- Bolded values are above detection limits
- Bolded and green shaded values exceed the Non-Industrial Residual Contaminant Level
- J = Estimated concentration less than laboratory reporting limits
- Samples analyzed using EPA SW-846 Method 8260
- All results reported in units of micrograms per kilogram (µg/kg)
- PCE = Tetrachloroethene
- TCE = Trichloroethene
- VOCs = Volatile Organic Compounds
- ND = Not detected



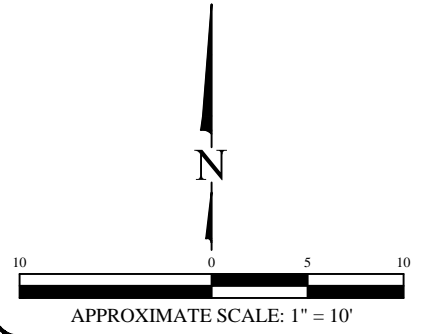
EXCAVATION AREA WITH SIDEWALL AND FLOOR SAMPLE RESULTS

One Hour Martinizing Facility
285 East Hampton Avenue
Milwaukee, Wisconsin

Date:	12/28/16
Designed:	EB
Drawn:	EB
Checked:	BR
DWG file:	6194-0792

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

Figure	9
Project	6194

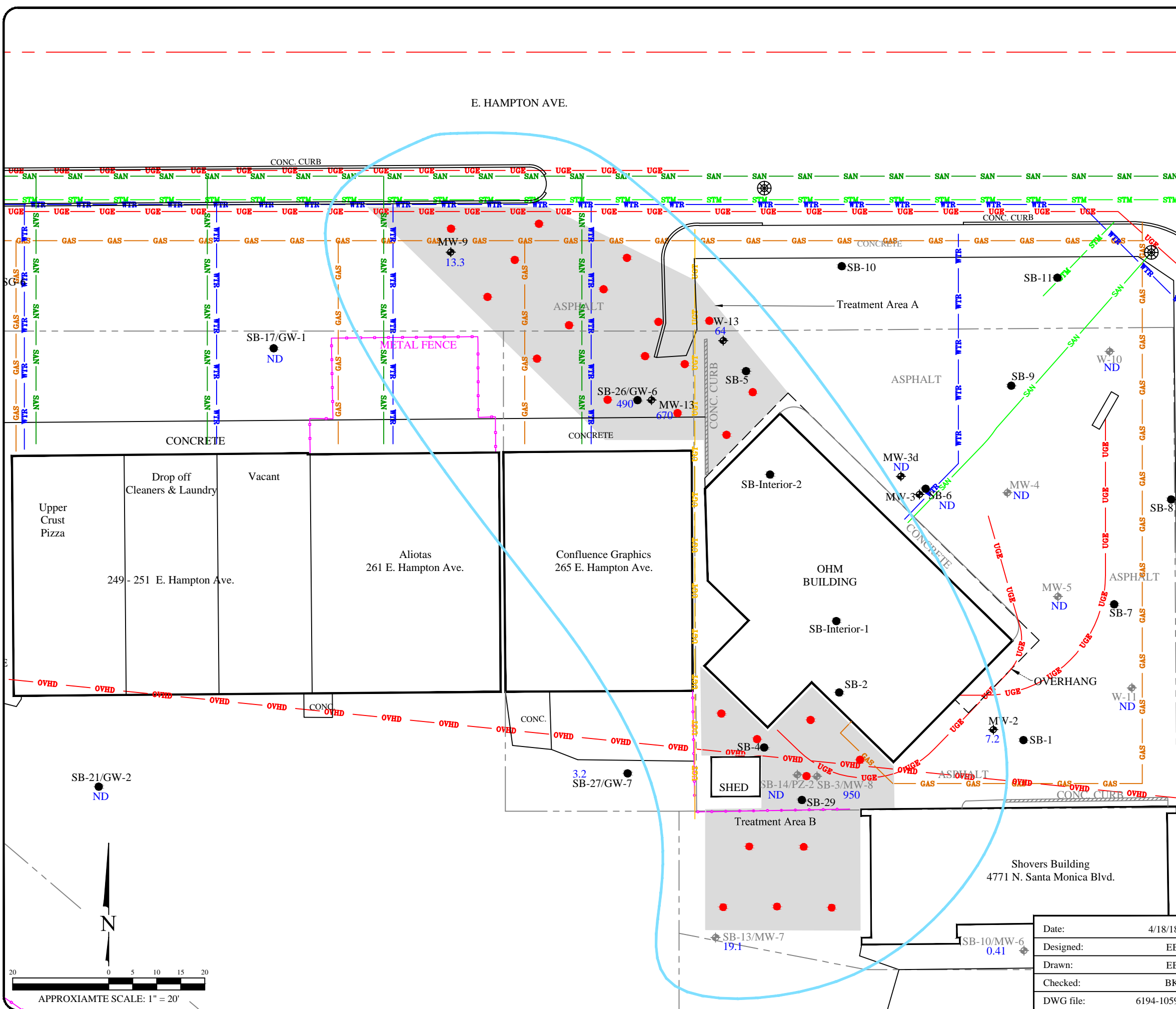


Sample ID	Date	Depth	PCE	TCE	VOCs
FS-1	11/8/16	10 ft	3,200		
WS-1	11/8/16	3 ft	18,500	1,990	
WS-2	11/8/16	3 ft	720	470	
WS-2	11/8/16	7 ft	71 J	<42	
FS-2	11/8/16	10 ft	4,800		
WS-3	11/8/16	3 ft	1,060	440	
WS-3	11/8/16	7 ft	620	1,190	
WS-4	11/8/16	3 ft	3,160	1,290	
WS-5	11/8/16	3 ft	9,800	1,230	
FS-3	11/8/16	10 ft	5,200		
WS-6	11/8/16	3 ft	1,900	1,290	
FS-4	11/8/16	10 ft	ND		
WS-7	11/8/16	3 ft	141 J	3,130	
WS-8	11/8/16	3 ft	520	970	
WS-8	11/8/16	7 ft			
FS-5	11/8/16	10 ft	289		
WS-9	11/8/16	3 ft	1,920	208	
WS-9	11/8/16	7 ft	53 J	<42	

Legend

- Property boundary
- City of Milwaukee/Village Whitefish Bay boundary
- Fence line
- GAS - Underground gas utility line
- WTR - Underground water utility line
- SAN - Underground sanitary utility line
- STM - Underground storm utility line
- UGE - Underground electrical utility line
- UGT - Underground fiber optic line
- Utility Pole
- Catch Basin
- Manhole
- MW-2 - Monitoring Well
- MW-5 - Abandoned Monitoring Well
- SB-1 - Soil Boring
- 6.8 - PCE concentration in groundwater (ug/L)
- Extent of PCE in groundwater above the enforcement standard (5 ug/L)
- Proposed injection point
- Proposed treatment area

- Notes:
1. The PCE concentrations shown are the most recent results from each location.
 2. PCE = Tetrachloroethene
 3. ug/L = micrograms per liter
 4. ND = VOCs not detected



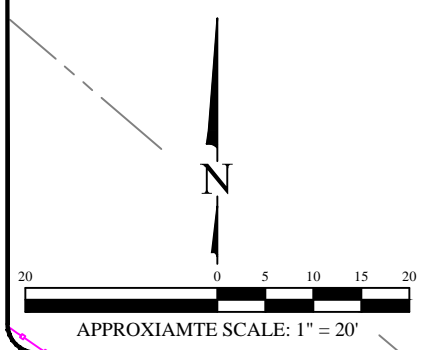
PROPOSED INJECTION POINT LAYOUT

One Hour Martinizing
285 East Hampton Avenue
Milwaukee, Wisconsin






Date:	4/18/18
Designed:	EB
Drawn:	EB
Checked:	BK
DWG file:	6194-1059

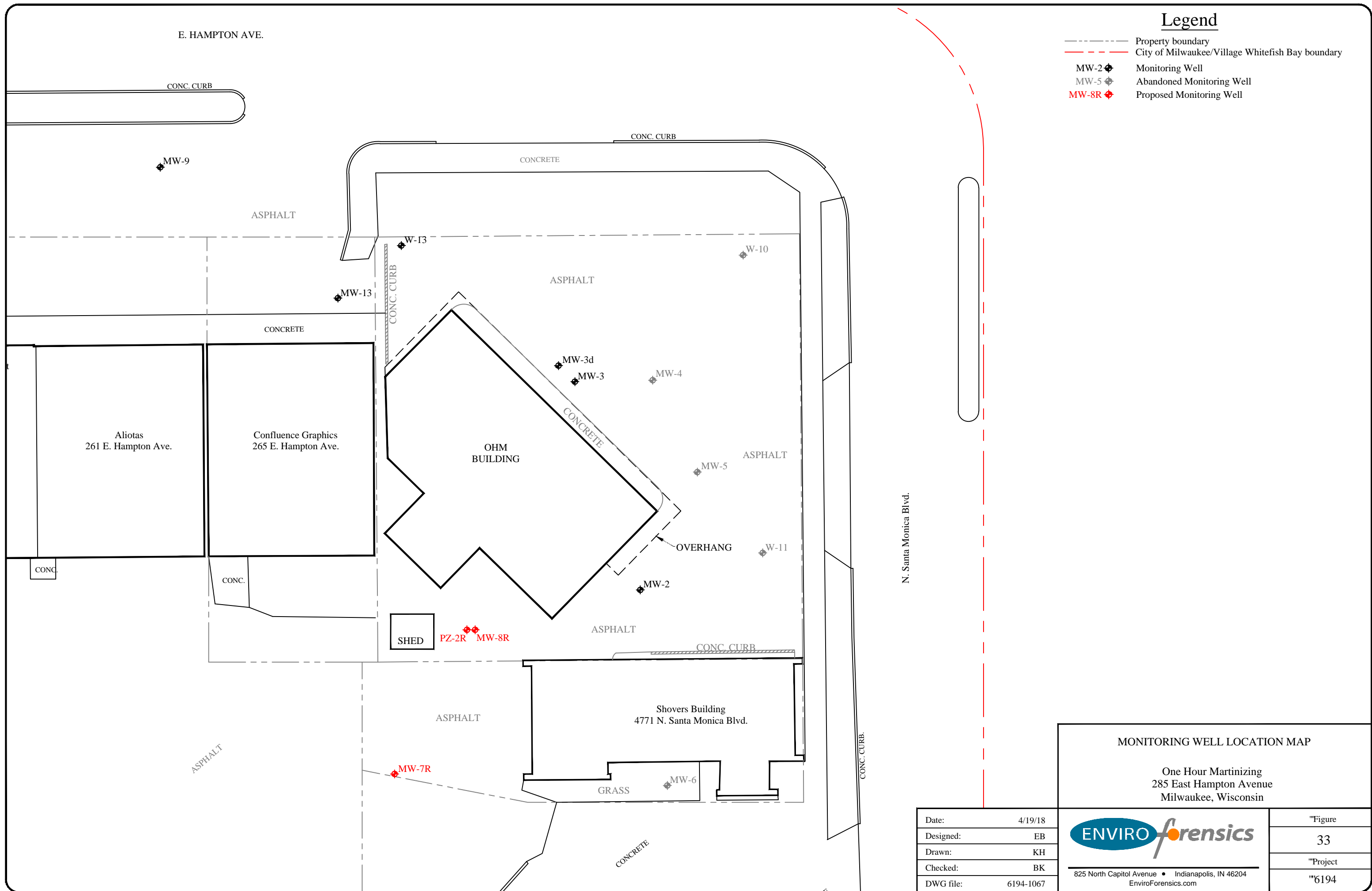
	Figure
	10
	Project
	6194

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Legend

-  Property boundary
-  City of Milwaukee/Village Whitefish Bay boundary
-  MW-2 Monitoring Well
-  MW-5 Abandoned Monitoring Well
-  MW-8R Proposed Monitoring Well



MONITORING WELL LOCATION MAP

One Hour Martinizing
 285 East Hampton Avenue
 Milwaukee, Wisconsin

Date:	4/19/18
Designed:	EB
Drawn:	KH
Checked:	BK
DWG file:	6194-1067



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"Figure"	33
"Project"	"6194

APPENDIX A

SOIL BORING LOGS

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

Facility/Project Name One Hour Martinizing Hampton Road		License/Permit/Monitoring Number 02-41-543260		Boring Number EB-1	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental		Date Drilling Started 10/12/2016		Date Drilling Completed 10/12/2016	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 2.3 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/>		State Plane N, E <input checked="" type="checkbox"/> C/N		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 5, T 7 N, R 22 E		Lat _____ ' _____ "		Long _____ ' _____ "	
Facility ID 241176650		County Milwaukee		County Code 41	
		Civil Town/City/ or Village Milwaukee			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
60 36			0.5	(0'-0.5') ASPHALT (AS): Black ASPAHLT cover.	AS									
			1.0	(0.5'-5') FILL (SW-SC): Light brown; medium stiff, clayey SAND, medium to coarse grained, well-graded; with fine gravel, well-graded; trace silt, dry.	SW-SC			16 ppb						
			2.0											
			3.0							2052 ppb				
			4.0											
			5.0	(5'-8') SAND (SP): Reddish to light brown SAND, fine to medium grained, poorly graded, loose, dry.	SP			2823 ppb						
36 36			5.5											
			6.0											
			7.0							3567 ppb				
			8.0	EOB										

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

Signature 	Firm EnviroForensics N16 W 23390 Stone Ridge Dr, Suite G Waukesha, WI 53188	Tel: 262-290-4001 Fax: 317-972-7875
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Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name One Hour Martinizing Hampton Road		License/Permit/Monitoring Number 02-41-543260		Boring Number EB-2	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental		Date Drilling Started 10/12/2016		Date Drilling Completed 10/12/2016	
Drilling Method Direct Push		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Borehole Diameter 2.3 inches		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E <input checked="" type="checkbox"/> C/N		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 5, T 7 N, R 22 E		Lat _____ ' _____ "		Long _____ ' _____ "	
Facility ID 241176650		County Milwaukee		County Code 41	
Civil Town/City/ or Village Milwaukee					

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments		
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
60 30			0.5	(0'-0.5') ASPHALT (AS): Black ASPAHLT cover.	AS											
			1.0	(0.5'-5') FILL (SW-SC): Brown; medium stiff, clayey SAND, well-graded; with fine gravel, well-graded, dry.	SW-SC											
			1.5													
			2.0													
			2.5													
			3.0													
			3.5													
			4.0													
			4.5													
			5.0													
36 36			5.5	(5'-8') SAND (SP): Reddish to light Brown SAND, medium to fine grained, poorly-graded, loose.	SP											
			6.0													
			6.5													
			7.0													
			7.5													
			8.0	EOB												

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

Signature 	Firm EnviroForensics N16 W 23390 Stone Ridge Dr, Suite G Waukesha, WI 53188	Tel: 262-290-4001 Fax: 317-972-7875
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Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name One Hour Martinizing Hampton Road		License/Permit/Monitoring Number 02-41-543260		Boring Number EB-3	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental		Date Drilling Started 10/12/2016		Date Drilling Completed 10/12/2016	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 2.3 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/>		State Plane N, E <input checked="" type="checkbox"/> C/N		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 5, T 7 N, R 22 E		Lat _____ ' _____ "		Long _____ ' _____ "	
Facility ID 241176650		County Milwaukee		County Code 41	
		Civil Town/City/ or Village Milwaukee			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
60 36			0.5	(0'-0.5') ASPHALT (AS): Black ASPAHLT cover.	AS									
			1.0	(0.5'-1') FILL (SW): Black; medium stiff, SAND,medium to coarse grained; with fine gravel, dry.	SW			2265 ppb						
36 36			2.0	(1'-5') FILL (CL): Brown; medium stiff, sandy CLAY,plastic properties, slightly moist.	CL			3801 ppb						
			5.0	(5'-8') SAND (SP): Light Brown SAND, fine to medium grained, poorly-graded, loose.	SP			4141 ppb	8588 ppb					
			8.0	EOB										

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

Signature  Firm **EnviroForensics** N16 W 23390 Stone Ridge Dr, Suite G Waukesha, WI 53188 Tel: 262-290-4001 Fax: 317-972-7875

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

Facility/Project Name One Hour Martinizing Hampton Road		License/Permit/Monitoring Number 02-41-543260		Boring Number EB-4	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental		Date Drilling Started 10/26/2016		Date Drilling Completed 10/26/2016	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 2.3 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane NE 1/4 of NE 1/4 of Section 5, T 7 N, R 22 E		Lat _____ ' _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID 241176650		County Milwaukee		County Code 41	
		Civil Town/City/ or Village Milwaukee			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
60 48			0.5	(0'-0.5') ASPHALT (AS): Black ASPAHLT cover.	AS									
			1.0	(0.5'-4') FILL (SW): Black to brown; SAND,coarse grained; with fine gravel, dry.	SW			3420 ppb						
			2.5					3618 ppb						
			4.0	(4'-5') FILL (SP): Brown; fine to medium SAND,poorly-graded, loose.	SP									
36 36			5.0	(5'-6') SAND (SP): Light brown; SAND, fine to medium grained, poorly-graded, loose.	SP			3682 ppb						
			6.0	(6'-8') SILT (ML): Light grey; meidum stiff SILT, non-plastic , moist.	ML			4784 ppb						
			8.0	EOB										

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

Signature 	Firm EnviroForensics N16 W 23390 Stone Ridge Dr, Suite G Waukesha, WI 53188	Tel: 262-290-4001 Fax: 317-972-7875
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Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name One Hour Martinizing Hampton Road		License/Permit/Monitoring Number 02-41-543260		Boring Number EB-5	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental		Date Drilling Started 10/26/2016		Date Drilling Completed 10/26/2016	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 2.3 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E <input checked="" type="checkbox"/> C/N		Lat _____ ' _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 5, T 7 N, R 22 E		Long _____ ' _____ "		Feet _____ Feet _____	
Facility ID 241176650		County Milwaukee		County Code 41	
		Civil Town/City/ or Village Milwaukee			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments			
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
60 30			0.5	(0'-0.5') ASPHALT (AS): Black ASPAHLT cover.	AS												
			1.0	(0.5'-5') FILL (SW-SC): Dark brown with black seams; medium stiff, clayey SAND,medium to coarse grained; with fine gravel, medium to coarse grained,well-graded, dry.	SW-SC												
			1.5														
			2.0														
			2.5														
			3.0														
			3.5														
			4.0														
			4.5														
			5.0														
36 36			5.5	(5'-8') SAND (SP): Light brown; SAND, fine to medium grained,poorly-graded, loose, semi-moist.	SP												
			6.0														
			6.5														
			7.0														
			7.5														
			8.0	EOB													

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

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

Facility/Project Name One Hour Martinizing Hampton Road		License/Permit/Monitoring Number 02-41-543260		Boring Number EB-6	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental		Date Drilling Started 10/26/2016		Date Drilling Completed 10/26/2016	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 2.3 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane NE 1/4 of NE 1/4 of Section 5, T 7 N, R 22 E		Lat _____ ' _____ '' Long _____ ' _____ ''		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID 241176650		County Milwaukee		County Code 41	
		Civil Town/City/ or Village Milwaukee			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
60 30			0.5	(0'-0.5') ASPHALT (AS): Black ASPAHLT cover.	AS									
			1.0	(0.5'-5') FILL (SW-SC): Brown to black; clayey SAND,coarse grained; some fine gravel,well-graded, loose, dry.	SW-SC			3911 ppb						
			5.0	(5'-8') SAND (SP): Light brown; SAND, fine to medium grained,poorly-graded, loose, semi-moist.	SP			6700 ppb						
36 36			5.5					9733 ppb						
			8.0	EOB										

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

Signature 	Firm EnviroForensics N16 W 23390 Stone Ridge Dr, Suite G Waukesha, WI 53188	Tel: 262-290-4001 Fax: 317-972-7875
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Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name One Hour Martinizing Hampton Road		License/Permit/Monitoring Number 02-41-543260		Boring Number EB-7	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental		Date Drilling Started 10/26/2016	Date Drilling Completed 10/26/2016	Drilling Method Direct Push	
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2.3 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E <input checked="" type="checkbox"/> C/N		Lat _____ ' _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 5, T 7 N, R 22 E		Long _____ ' _____ "			
Facility ID 241176650	County Milwaukee	County Code 41	Civil Town/City/ or Village Milwaukee		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
60 36			0.5	(0'-0.5') ASPHALT (AS): Black ASPAHLT cover.	AS									
			1.0	(0.5'-1') FILL (SW): Brown; SAND, well-graded; with fine gravel, well-graded; some clay; loose,dry.	SW			2300 ppb						
			2.0	(1'-5') FILL (SW-SC): Brown; medium stiff, clayey SAND; with fine gravel,well-graded, dry.	SW-SC			3111 ppb						
36 36			5.0	(5'-7.5') SAND (SP): Light brown; SAND, fine to medium grained, loose, semi-moist.	SP			2456 ppb						
			6.0				1415 ppb							
			7.5	(7.5'-8') SILT (ML): Light grey, medium stiff SILT, non-plastic , semi-moist.	ML									
			8.0	EOB										

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

Signature 	Firm EnviroForensics N16 W 23390 Stone Ridge Dr, Suite G Waukesha, WI 53188	Tel: 262-290-4001 Fax: 317-972-7875
---------------	--	--

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

Facility/Project Name One Hour Martinizing Hampton Road		License/Permit/Monitoring Number 02-41-543260		Boring Number EB-8	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental		Date Drilling Started 10/12/2016		Date Drilling Completed 10/12/2016	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 2.3 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane NE 1/4 of NE 1/4 of Section 5, T 7 N, R 22 E		Lat _____ ° _____ ' _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID 241176650		County Milwaukee		County Code 41	
		Civil Town/City/ or Village Milwaukee			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
60 36			0.5	(0'-0.5') ASPHALT (AS): Black ASPAHLT cover.	AS									
			1.0	(0.5'-1') FILL (SW): Brown; SAND,coarse grained; with fine gravel, well-graded; some clay, loose, dry.	SW			1911 ppb						
			2.0	(1'-5') FILL (SW-SC): Brown; clayey SAND; with fine gravel, well-graded, loose, dry.	SW-SC			2370 ppb						
36 36			5.0	(5'-7.5') SAND (SP): Light brown; SAND, fine to medium grained, poorly-graded, loose, semi-moist.	SP			3316 ppb						
			7.5	(7.5'-8') SILT (ML): Light grey; medium stiff, SILT, non-plastic , semi-moist.	ML			2614 ppb						
			8.0	EOB										

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

Signature 	Firm EnviroForensics N16 W 23390 Stone Ridge Dr, Suite G Waukesha, WI 53188	Tel: 262-290-4001 Fax: 317-972-7875
---------------	--	--

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

Facility/Project Name One Hour Martinizing Hampton Road		License/Permit/Monitoring Number 02-41-543260		Boring Number EB-9	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental		Date Drilling Started 10/26/2016		Date Drilling Completed 10/26/2016	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 2.3 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E <input checked="" type="checkbox"/> C/N		Lat _____ ' _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 5, T 7 N, R 22 E		Long _____ ' _____ "		Feet _____ Feet _____	
Facility ID 241176650		County Milwaukee		County Code 41	
				Civil Town/City/ or Village Milwaukee	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
60 36			0.5	(0'-0.5') ASPHALT (AS): Black ASPAHLT cover.	AS									
			1.0	(0.5'-1') FILL (SW): Brown; SAND,coarse grained; with fine gravel, well-graded; some clay, loose, dry.	SW			2400 ppb						
36 36			1.5	(1'-2') FILL (SW-SC): Brown; stiff,clayey SAND; with fine gravel, well-graded, loose, dry.	SW-SC			2783 ppb						
			2.5	(2'-5') FILL (SW): Brown; fine to coarse SAND, well-graded; some fine gravel, well-graded, loose, dry.	SW			6330 ppb						
36 36			5.0	(5'-7') SAND (SP): Light brown; SAND, fine to medium grained, poorly-graded, loose, semi-moist.	SP			9407 ppb						
			6.0				2116 ppb							
			7.0	(7'-8') SILT (ML): Light grey; medium stiff, SILT, non-plastic , semi-moist.	ML									
			8.0	EOB										

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

Signature 	Firm EnviroForensics N16 W 23390 Stone Ridge Dr, Suite G Waukesha, WI 53188	Tel: 262-290-4001 Fax: 317-972-7875
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APPENDIX B

LABORATORY REPORTS

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 02-Nov-16

Project Name OHM HAMPTON
Project # 6194 PO#20169150
Lab Code 5031909A
Sample ID 6194-EB-1 (1-3)
Sample Matrix Soil
Sample Date 10/12/2016

Invoice # E31909

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	77.7	%			1	5021		10/17/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		10/20/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/20/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		10/20/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		10/20/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/20/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		10/20/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		10/20/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		10/20/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/20/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		10/20/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		10/20/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		10/20/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/20/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		10/20/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		10/20/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		10/20/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		10/20/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		10/20/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/20/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		10/20/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		10/20/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		10/20/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/20/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		10/20/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		10/20/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		10/20/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		10/20/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		10/20/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		10/20/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909A
Sample ID 6194-EB-1 (1-3)
Sample Matrix Soil
Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		10/20/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		10/20/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		10/20/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		10/20/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		10/20/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		10/20/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		10/20/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		10/20/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/20/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		10/20/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		10/20/2016	CJR	1
Tetrachloroethene	0.083 "J"	mg/kg	0.054	0.17	1	8260B		10/20/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		10/20/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		10/20/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		10/20/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		10/20/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		10/20/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		10/20/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		10/20/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		10/20/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		10/20/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		10/20/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		10/20/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		10/20/2016	CJR	1
SUR - Toluene-d8	100	Rec %			1	8260B		10/20/2016	CJR	1
SUR - Dibromofluoromethane	111	Rec %			1	8260B		10/20/2016	CJR	1
SUR - 4-Bromofluorobenzene	102	Rec %			1	8260B		10/20/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	124	Rec %			1	8260B		10/20/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909B
 Sample ID 6194-EB-1 (7-8)
 Sample Matrix Soil
 Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.1	%			1	5021		10/17/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		10/22/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/22/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		10/22/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		10/22/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/22/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		10/22/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		10/22/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		10/22/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/22/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		10/22/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		10/22/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		10/22/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/22/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		10/22/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		10/22/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		10/22/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		10/22/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		10/22/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/22/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		10/22/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		10/22/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		10/22/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/22/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		10/22/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		10/22/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		10/22/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		10/22/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		10/22/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		10/22/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		10/22/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		10/22/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		10/22/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		10/22/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		10/22/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		10/22/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		10/22/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		10/22/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/22/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		10/22/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		10/22/2016	CJR	1
Tetrachloroethene	0.111 "J"	mg/kg	0.054	0.17	1	8260B		10/22/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		10/22/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		10/22/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		10/22/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		10/22/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		10/22/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		10/22/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		10/22/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		10/22/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		10/22/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		10/22/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		10/22/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		10/22/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909B
Sample ID 6194-EB-1 (7-8)
Sample Matrix Soil
Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	101	Rec %			1	8260B		10/22/2016	CJR	1
SUR - 4-Bromofluorobenzene	97	Rec %			1	8260B		10/22/2016	CJR	1
SUR - Dibromofluoromethane	99	Rec %			1	8260B		10/22/2016	CJR	1
SUR - Toluene-d8	101	Rec %			1	8260B		10/22/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909C
 Sample ID 6194-EB-2 (5-6)
 Sample Matrix Soil
 Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	78.6	%			1	5021		10/17/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		10/21/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		10/21/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		10/21/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		10/21/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		10/21/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		10/21/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		10/21/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		10/21/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		10/21/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		10/21/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		10/21/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		10/21/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		10/21/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		10/21/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		10/21/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		10/21/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		10/21/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		10/21/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		10/21/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		10/21/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		10/21/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		10/21/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		10/21/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		10/21/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		10/21/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
Tetrachloroethene	0.282	mg/kg	0.054	0.17	1	8260B		10/21/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		10/21/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		10/21/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		10/21/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		10/21/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		10/21/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		10/21/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		10/21/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		10/21/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		10/21/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		10/21/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909C
Sample ID 6194-EB-2 (5-6)
Sample Matrix Soil
Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	91	Rec %			1	8260B		10/21/2016	CJR	1
SUR - 4-Bromofluorobenzene	103	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Dibromofluoromethane	95	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Toluene-d8	105	Rec %			1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909D
 Sample ID 6194-EB-3 (5-6)
 Sample Matrix Soil
 Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.2	%			1	5021		10/17/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		10/21/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		10/21/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		10/21/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		10/21/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		10/21/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		10/21/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		10/21/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		10/21/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		10/21/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		10/21/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		10/21/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		10/21/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		10/21/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		10/21/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		10/21/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		10/21/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		10/21/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		10/21/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		10/21/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		10/21/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		10/21/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		10/21/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		10/21/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		10/21/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		10/21/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
Tetrachloroethene	0.238	mg/kg	0.054	0.17	1	8260B		10/21/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		10/21/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		10/21/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		10/21/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		10/21/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		10/21/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		10/21/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		10/21/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		10/21/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		10/21/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		10/21/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909D
Sample ID 6194-EB-3 (5-6)
Sample Matrix Soil
Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 4-Bromofluorobenzene	98	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Dibromofluoromethane	108	Rec %			1	8260B		10/21/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	103	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Toluene-d8	98	Rec %			1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909E
 Sample ID 6194-EB-3 (6-8)
 Sample Matrix Soil
 Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.5	%			1	5021		10/17/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		10/21/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		10/21/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		10/21/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		10/21/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		10/21/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		10/21/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		10/21/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		10/21/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		10/21/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		10/21/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		10/21/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		10/21/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		10/21/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		10/21/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		10/21/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		10/21/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		10/21/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		10/21/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		10/21/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		10/21/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		10/21/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		10/21/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		10/21/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		10/21/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		10/21/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
Tetrachloroethene	0.66	mg/kg	0.054	0.17	1	8260B		10/21/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		10/21/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		10/21/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		10/21/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		10/21/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		10/21/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		10/21/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		10/21/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		10/21/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		10/21/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		10/21/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909E
Sample ID 6194-EB-3 (6-8)
Sample Matrix Soil
Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	120	Rec %			1	8260B		10/21/2016	CJR	1
SUR - 4-Bromofluorobenzene	101	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Dibromofluoromethane	109	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Toluene-d8	98	Rec %			1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909F
 Sample ID 6194-EB-4 (2-4)
 Sample Matrix Soil
 Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	73.2	%			1	5021		10/17/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		10/21/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		10/21/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		10/21/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		10/21/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		10/21/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		10/21/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		10/21/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		10/21/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		10/21/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		10/21/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		10/21/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		10/21/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		10/21/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		10/21/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		10/21/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		10/21/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		10/21/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		10/21/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		10/21/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		10/21/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		10/21/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		10/21/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		10/21/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		10/21/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		10/21/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
Tetrachloroethene	0.064 "J"	mg/kg	0.054	0.17	1	8260B		10/21/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		10/21/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		10/21/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		10/21/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		10/21/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		10/21/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		10/21/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		10/21/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		10/21/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		10/21/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		10/21/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909F
Sample ID 6194-EB-4 (2-4)
Sample Matrix Soil
Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	112	Rec %			1	8260B		10/21/2016	CJR	1
SUR - 4-Bromofluorobenzene	97	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Dibromofluoromethane	107	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Toluene-d8	101	Rec %			1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909G
 Sample ID 6194-EB-4 (6-8)
 Sample Matrix Soil
 Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	75.9	%			1	5021		10/17/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		10/21/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		10/21/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		10/21/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		10/21/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		10/21/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		10/21/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		10/21/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		10/21/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		10/21/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		10/21/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		10/21/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		10/21/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		10/21/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		10/21/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		10/21/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		10/21/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		10/21/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		10/21/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		10/21/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		10/21/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		10/21/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		10/21/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		10/21/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		10/21/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		10/21/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
Tetrachloroethene	0.066 "J"	mg/kg	0.054	0.17	1	8260B		10/21/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		10/21/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		10/21/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		10/21/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		10/21/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		10/21/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		10/21/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		10/21/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		10/21/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		10/21/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		10/21/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909G
Sample ID 6194-EB-4 (6-8)
Sample Matrix Soil
Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	109	Rec %			1	8260B		10/21/2016	CJR	1
SUR - 4-Bromofluorobenzene	101	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Dibromofluoromethane	107	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Toluene-d8	97	Rec %			1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909H
 Sample ID 6194-EB-5 (6-8)
 Sample Matrix Soil
 Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.4	%			1	5021		10/17/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		10/21/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		10/21/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		10/21/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		10/21/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		10/21/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		10/21/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		10/21/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		10/21/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		10/21/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		10/21/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		10/21/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		10/21/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		10/21/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		10/21/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		10/21/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		10/21/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		10/21/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		10/21/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		10/21/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		10/21/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		10/21/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		10/21/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		10/21/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		10/21/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		10/21/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
Tetrachloroethene	0.96	mg/kg	0.054	0.17	1	8260B		10/21/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		10/21/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		10/21/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		10/21/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		10/21/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		10/21/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		10/21/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		10/21/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		10/21/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		10/21/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		10/21/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909H
Sample ID 6194-EB-5 (6-8)
Sample Matrix Soil
Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Dibromofluoromethane	101	Rec %			1	8260B		10/21/2016	CJR	1
SUR - 4-Bromofluorobenzene	102	Rec %			1	8260B		10/21/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	107	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Toluene-d8	97	Rec %			1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909I
 Sample ID 6194-EB-6 (6-8)
 Sample Matrix Soil
 Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	80.2	%			1	5021		10/17/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		10/21/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		10/21/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		10/21/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		10/21/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		10/21/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		10/21/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		10/21/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		10/21/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		10/21/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		10/21/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		10/21/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		10/21/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		10/21/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		10/21/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		10/21/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		10/21/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		10/21/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		10/21/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		10/21/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		10/21/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		10/21/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		10/21/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		10/21/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		10/21/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		10/21/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
Trichloroethene	3.5	mg/kg	0.054	0.17	1	8260B		10/21/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		10/21/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		10/21/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		10/21/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		10/21/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		10/21/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		10/21/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		10/21/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		10/21/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		10/21/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		10/21/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909I
Sample ID 6194-EB-6 (6-8)
Sample Matrix Soil
Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	116	Rec %			1	8260B		10/21/2016	CJR	1
SUR - 4-Bromofluorobenzene	98	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Dibromofluoromethane	105	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Toluene-d8	98	Rec %			1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909J
 Sample ID 6194-EB-7 (1-3)
 Sample Matrix Soil
 Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	75.9	%			1	5021		10/17/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		10/21/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		10/21/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		10/21/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		10/21/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		10/21/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		10/21/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		10/21/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		10/21/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		10/21/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		10/21/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		10/21/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		10/21/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		10/21/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		10/21/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		10/21/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		10/21/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		10/21/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		10/21/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		10/21/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		10/21/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		10/21/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		10/21/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		10/21/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		10/21/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		10/21/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
Tetrachloroethene	0.77	mg/kg	0.054	0.17	1	8260B		10/21/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		10/21/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		10/21/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		10/21/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		10/21/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		10/21/2016	CJR	1
Trichloroethene (TCE)	0.13 "J"	mg/kg	0.042	0.13	1	8260B		10/21/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		10/21/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		10/21/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		10/21/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		10/21/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909J
Sample ID 6194-EB-7 (1-3)
Sample Matrix Soil
Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	118	Rec %			1	8260B		10/21/2016	CJR	1
SUR - 4-Bromofluorobenzene	103	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Dibromofluoromethane	106	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909K
 Sample ID 6194-EB-7 (5.5-7.5)
 Sample Matrix Soil
 Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.5	%			1	5021		10/17/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		10/21/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		10/21/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		10/21/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		10/21/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		10/21/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		10/21/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		10/21/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		10/21/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		10/21/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		10/21/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		10/21/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		10/21/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		10/21/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		10/21/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		10/21/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		10/21/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		10/21/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		10/21/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		10/21/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		10/21/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		10/21/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		10/21/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		10/21/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		10/21/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		10/21/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		10/21/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		10/21/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		10/21/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		10/21/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		10/21/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		10/21/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		10/21/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		10/21/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		10/21/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		10/21/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		10/21/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909K
Sample ID 6194-EB-7 (5.5-7.5)
Sample Matrix Soil
Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Toluene-d8	101	Rec %			1	8260B		10/21/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	102	Rec %			1	8260B		10/21/2016	CJR	1
SUR - 4-Bromofluorobenzene	109	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Dibromofluoromethane	102	Rec %			1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909L
 Sample ID 6194-EB-8 (1-3)
 Sample Matrix Soil
 Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	77.8	%			1	5021		10/17/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		10/21/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		10/21/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		10/21/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		10/21/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		10/21/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		10/21/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		10/21/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		10/21/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		10/21/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		10/21/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		10/21/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		10/21/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		10/21/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		10/21/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		10/21/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		10/21/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		10/21/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		10/21/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		10/21/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		10/21/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		10/21/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		10/21/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		10/21/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		10/21/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		10/21/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
Tetrachloroethene	0.62	mg/kg	0.054	0.17	1	8260B		10/21/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		10/21/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		10/21/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		10/21/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		10/21/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		10/21/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		10/21/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		10/21/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		10/21/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		10/21/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		10/21/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909L
Sample ID 6194-EB-8 (1-3)
Sample Matrix Soil
Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Toluene-d8	97	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Dibromofluoromethane	107	Rec %			1	8260B		10/21/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	101	Rec %			1	8260B		10/21/2016	CJR	1
SUR - 4-Bromofluorobenzene	100	Rec %			1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909M
 Sample ID 6194-EB-8 (5-7)
 Sample Matrix Soil
 Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	73.6	%			1	5021		10/17/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		10/21/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		10/21/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		10/21/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		10/21/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		10/21/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		10/21/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		10/21/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		10/21/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		10/21/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		10/21/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		10/21/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		10/21/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		10/21/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		10/21/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		10/21/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		10/21/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		10/21/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		10/21/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		10/21/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		10/21/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		10/21/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		10/21/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		10/21/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		10/21/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		10/21/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
Tetrachloroethene	0.56	mg/kg	0.054	0.17	1	8260B		10/21/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		10/21/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		10/21/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		10/21/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		10/21/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		10/21/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		10/21/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		10/21/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		10/21/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		10/21/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		10/21/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909M
Sample ID 6194-EB-8 (5-7)
Sample Matrix Soil
Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	112	Rec %			1	8260B		10/21/2016	CJR	1
SUR - 4-Bromofluorobenzene	108	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Dibromofluoromethane	106	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Toluene-d8	97	Rec %			1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909N
 Sample ID 6194-EB-9 (2-3)
 Sample Matrix Soil
 Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.6	%			1	5021		10/17/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		10/21/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		10/21/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		10/21/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		10/21/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		10/21/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		10/21/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		10/21/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		10/21/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		10/21/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		10/21/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		10/21/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		10/21/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		10/21/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		10/21/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		10/21/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		10/21/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		10/21/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		10/21/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		10/21/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		10/21/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		10/21/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		10/21/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		10/21/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		10/21/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		10/21/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
Tetrachloroethene	0.64	mg/kg	0.054	0.17	1	8260B		10/21/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		10/21/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		10/21/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		10/21/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		10/21/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		10/21/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		10/21/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		10/21/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		10/21/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		10/21/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		10/21/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909N
Sample ID 6194-EB-9 (2-3)
Sample Matrix Soil
Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	111	Rec %			1	8260B		10/21/2016	CJR	1
SUR - 4-Bromofluorobenzene	106	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Dibromofluoromethane	107	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909O
 Sample ID 6194-EB-9 (5-7)
 Sample Matrix Soil
 Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.0	%			1	5021		10/17/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		10/21/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		10/21/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		10/21/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		10/21/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		10/21/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		10/21/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		10/21/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		10/21/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		10/21/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		10/21/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		10/21/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		10/21/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		10/21/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		10/21/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		10/21/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		10/21/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		10/21/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		10/21/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		10/21/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		10/21/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		10/21/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		10/21/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		10/21/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		10/21/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		10/21/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		10/21/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		10/21/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		10/21/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		10/21/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		10/21/2016	CJR	1
Tetrachloroethene	1.41	mg/kg	0.054	0.17	1	8260B		10/21/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		10/21/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		10/21/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		10/21/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		10/21/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		10/21/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		10/21/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		10/21/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		10/21/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		10/21/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		10/21/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		10/21/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		10/21/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169150

Invoice # E31909

Lab Code 5031909O
Sample ID 6194-EB-9 (5-7)
Sample Matrix Soil
Sample Date 10/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Toluene-d8	101	Rec %			1	8260B		10/21/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	98	Rec %			1	8260B		10/21/2016	CJR	1
SUR - 4-Bromofluorobenzene	102	Rec %			1	8260B		10/21/2016	CJR	1
SUR - Dibromofluoromethane	96	Rec %			1	8260B		10/21/2016	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



Michael J. Steel

Environmental Lab, Inc.

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

Sample Handling Request

Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. # _____
Account No. : _____ Quote No.: _____
Project #: 6194
Sampler: (signature) David Schwab

Project (Name / Location): OHM Hampton Milwaukee WI

Reports To: W. Fassbender Invoice To: _____
Company: EnviroForensics Company: _____
Address: 116 W23390 Stone Ridge Drive Address: _____
City State Zip: Waukegan WI 53188 City State Zip: SAME
Phone: 414-982-3988 Phone: _____
FAX: _____ FAX: _____

Analysis Requested		Other Analysis	
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	PID/ FID	
LEAD	NITRATE/NITRITE		
OIL & GREASE	PAH (EPA 8270)		
PCB	PVOC (EPA 8021)		
PVOC + NAPHTHALENE	SULFATE		
TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)		
VOC (EPA 8260)	8-PCRA METALS		
	TCLP		

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
A	6194-EB-1-(1-3)	10-12	1250		G	N	3	S	Meat
B	6194-EB-1-(7-8)		1252						
C	6194-EB-2-(5-6)		1255						
D	6194-EB-3-(5-6)		1300						
E	6194-EB-3-(6-8)		1303						
F	6194-EB-4-(2-4)		1310						
G	6194-EB-4-(6-8)		1312						
H	6194-EB-5-(6-8)		1342						
I	6194-EB-6-(6-8)		1359						

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)
- Hold for possible TCLP
- Please dispose of any samples not on the COC
PO # 20169150

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

Relinquished By: (sign) _____ Time: 10:27 Date: 10/14/16
Received By: (sign) _____ Time: 10:27 Date: 10/14/16

Received in Laboratory By: _____ Time: 10:00 Date: 10/15/16

Environmental Lab, Inc.

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

Sample Handling Request

Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. # _____
Account No.: _____ Quote No.: _____
Project #: 6194
Sampler: (signature) Janet Schock

Project (Name / Location): OHM - Hampton Milwaukee, WI
Reports To: W. Fassbender Invoice To: _____
Company: EnviroForensics Company: _____
Address: 116 W23390 Stone Ridge Drive Address: _____
City State Zip: Waukesha WI 53188 City State Zip: SAME
Phone: 414-982-3988 Phone: _____
FAX: _____ FAX: _____

Analysis Requested **Other Analysis**

Lab I.D.	Sample I.D.	Collection Date	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) <u>NOX</u>	8-PCRA METALS	PID/FID
<u>J</u>	<u>6194-EB-7-(1-3)</u>	<u>10-12</u>	<u>1430</u>		<u>6</u>	<u>N</u>	<u>3</u>	<u>S</u>	<u>MeOH</u>															
<u>K</u>	<u>6194-EB-7-(5.5-7.5)</u>		<u>1433</u>																					
<u>L</u>	<u>6194-EB-8-(1-3)</u>		<u>1450</u>																					
<u>M</u>	<u>6194-EB-8-(5-7.5)</u>		<u>1452</u>																					
<u>N</u>	<u>6194-EB-9-(2-3)</u>		<u>1510</u>																					
<u>O</u>	<u>6194-EB-9-(5-7)</u>		<u>1513</u>																					

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

Hold for possible TCLP

PO # 20169150

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

Relinquished By: (sign) _____ Time: 10:27 Date: 10-14-16 Received By: (sign) _____ Time: 10:27 Date: 10/14/16

Received in Laboratory By: _____ Time: 10:00 Date: 10/15/16

Synergy Environmental Lab, INC.

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

BRIAN KAPPEN
ENVIROFORENSICS
825 N. CAPITOL AVENUE
INDIANAPOLIS, IN 46204

Report Date 16-Nov-16

Project Name OHM HAMPTON
Project # 6194 PO#20169268
Lab Code 5032053A
Sample ID 6194 WS-1-3
Sample Matrix Soil
Sample Date 11/8/2016

Invoice # E32053

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.8	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/11/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/11/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/11/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/11/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/11/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/11/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/11/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/11/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/11/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/11/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/11/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/11/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/11/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/11/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/11/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/11/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/11/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053A
Sample ID 6194 WS-1-3
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/11/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/11/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/11/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/11/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/11/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/11/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/11/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
Tetrachloroethene	18.5	mg/kg	0.54	1.7	10	8260B		11/15/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/11/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/11/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/11/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/11/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/11/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/11/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/11/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/11/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/11/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/11/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/11/2016	CJR	1
SUR - Dibromofluoromethane	111	Rec %				8260B		11/11/2016	CJR	1
SUR - Toluene-d8	98	Rec %				8260B		11/11/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	109	Rec %				8260B		11/11/2016	CJR	1
SUR - 4-Bromofluorobenzene	96	Rec %				8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053B
 Sample ID 6194 WS-1-7
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	95.5	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/11/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/11/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/11/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/11/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/11/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/11/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/11/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/11/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/11/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/11/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/11/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/11/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/11/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/11/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/11/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/11/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/11/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/11/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/11/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/11/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/11/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/11/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/11/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/11/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/11/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
Tetrachloroethene	1.99	mg/kg	0.054	0.17	1	8260B		11/11/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/11/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/11/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/11/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/11/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/11/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/11/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/11/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/11/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/11/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/11/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053B
Sample ID 6194 WS-1-7
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 4-Bromofluorobenzene	91	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Dibromofluoromethane	104	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Toluene-d8	97	Rec %			1	8260B		11/11/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	104	Rec %			1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053C
 Sample ID 6194 WS-2-3
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	76.3	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/11/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/11/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/11/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/11/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/11/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/11/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/11/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/11/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/11/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/11/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/11/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/11/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/11/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/11/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/11/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/11/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/11/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/11/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/11/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/11/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/11/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/11/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/11/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/11/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/11/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
Tetrachloroethene	0.72	mg/kg	0.054	0.17	1	8260B		11/11/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/11/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/11/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/11/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/11/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/11/2016	CJR	1
Trichloroethene (TCE)	0.071 "J"	mg/kg	0.042	0.13	1	8260B		11/11/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/11/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/11/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/11/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/11/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053C
Sample ID 6194 WS-2-3
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Dibromofluoromethane	105	Rec %			1	8260B		11/11/2016	CJR	1
SUR - 4-Bromofluorobenzene	91	Rec %			1	8260B		11/11/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	109	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Toluene-d8	96	Rec %			1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053D
 Sample ID 6194 WS-2-7
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	94.7	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/11/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/11/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/11/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/11/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/11/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/11/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/11/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/11/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/11/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/11/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/11/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/11/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/11/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/11/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/11/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/11/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/11/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/11/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/11/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/11/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/11/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/11/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/11/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/11/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/11/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
Tetrachloroethene	0.47	mg/kg	0.054	0.17	1	8260B		11/11/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/11/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/11/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/11/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/11/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/11/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/11/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/11/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/11/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/11/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/11/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053D
Sample ID 6194 WS-2-7
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 4-Bromofluorobenzene	90	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Dibromofluoromethane	100	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Toluene-d8	106	Rec %			1	8260B		11/11/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	94	Rec %			1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053E
 Sample ID 6194 WS-3-3
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.5	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/11/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/11/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/11/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/11/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/11/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/11/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/11/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/11/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/11/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/11/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/11/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/11/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/11/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/11/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/11/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/11/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/11/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/11/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/11/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/11/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/11/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/11/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/11/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/11/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/11/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
Tetrachloroethene	1.06	mg/kg	0.054	0.17	1	8260B		11/11/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/11/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/11/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/11/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/11/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/11/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/11/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/11/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/11/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/11/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/11/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053E
Sample ID 6194 WS-3-3
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	104	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Toluene-d8	101	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Dibromofluoromethane	100	Rec %			1	8260B		11/11/2016	CJR	1
SUR - 4-Bromofluorobenzene	94	Rec %			1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053F
 Sample ID 6194 WS-3-7
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.0	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/11/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/11/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/11/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/11/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/11/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/11/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/11/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/11/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/11/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/11/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/11/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/11/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/11/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/11/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/11/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/11/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/11/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/11/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/11/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/11/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/11/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/11/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/11/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/11/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/11/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
Tetrachloroethene	0.44	mg/kg	0.054	0.17	1	8260B		11/11/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/11/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/11/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/11/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/11/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/11/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/11/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/11/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/11/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/11/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/11/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053F
Sample ID 6194 WS-3-7
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	108	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Toluene-d8	100	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Dibromofluoromethane	103	Rec %			1	8260B		11/11/2016	CJR	1
SUR - 4-Bromofluorobenzene	90	Rec %			1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053G
 Sample ID 6194 WS-4-3
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.1	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/11/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/11/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/11/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/11/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/11/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/11/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/11/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/11/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/11/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/11/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/11/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/11/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/11/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/11/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/11/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/11/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/11/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/11/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/11/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/11/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/11/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/11/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/11/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/11/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/11/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
Trichloroethene	3.16	mg/kg	0.054	0.17	1	8260B		11/11/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/11/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/11/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/11/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/11/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/11/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/11/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/11/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/11/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/11/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/11/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053G
Sample ID 6194 WS-4-3
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	94	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Dibromofluoromethane	101	Rec %			1	8260B		11/11/2016	CJR	1
SUR - 4-Bromofluorobenzene	95	Rec %			1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053H
 Sample ID 6194 WS-4-7
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	94.0	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/11/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/11/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/11/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/11/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/11/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/11/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/11/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/11/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/11/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/11/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/11/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/11/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/11/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/11/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/11/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/11/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/11/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/11/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/11/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/11/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/11/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/11/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/11/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/11/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/11/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
Tetrachloroethene	1.29	mg/kg	0.054	0.17	1	8260B		11/11/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/11/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/11/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/11/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/11/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/11/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/11/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/11/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/11/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/11/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/11/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053H
Sample ID 6194 WS-4-7
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Toluene-d8	101	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Dibromofluoromethane	97	Rec %			1	8260B		11/11/2016	CJR	1
SUR - 4-Bromofluorobenzene	97	Rec %			1	8260B		11/11/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	94	Rec %			1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053I
 Sample ID 6194 WS-5-3
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.7	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/11/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/11/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/11/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/11/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/11/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/11/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/11/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/11/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/11/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/11/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/11/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/11/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/11/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/11/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/11/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/11/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/11/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/11/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/11/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/11/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/11/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/11/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/11/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/11/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/11/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
Tetrachloroethene	9.8	mg/kg	0.054	0.17	1	8260B		11/11/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/11/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/11/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/11/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/11/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/11/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/11/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/11/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/11/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/11/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/11/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053I
Sample ID 6194 WS-5-3
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	109	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Toluene-d8	97	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Dibromofluoromethane	106	Rec %			1	8260B		11/11/2016	CJR	1
SUR - 4-Bromofluorobenzene	97	Rec %			1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053J
 Sample ID 6194 WS-5-7
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	94.0	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/11/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/11/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/11/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/11/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/11/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/11/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/11/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/11/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/11/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/11/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/11/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/11/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/11/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/11/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/11/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/11/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/11/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/11/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/11/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/11/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/11/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/11/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/11/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/11/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/11/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
Tetrachloroethene	1.23	mg/kg	0.054	0.17	1	8260B		11/11/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/11/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/11/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/11/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/11/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/11/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/11/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/11/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/11/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/11/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/11/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053J
Sample ID 6194 WS-5-7
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Toluene-d8	97	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Dibromofluoromethane	109	Rec %			1	8260B		11/11/2016	CJR	1
SUR - 4-Bromofluorobenzene	92	Rec %			1	8260B		11/11/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	129	Rec %			1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053K
 Sample ID 6194 WS-6-3
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	90.9	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/11/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/11/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/11/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/11/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/11/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/11/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/11/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/11/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/11/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/11/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/11/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/11/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/11/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/11/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/11/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/11/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/11/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/11/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/11/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/11/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/11/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/11/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/11/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/11/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/11/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
Tetrachloroethene	1.9	mg/kg	0.054	0.17	1	8260B		11/11/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/11/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/11/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/11/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/11/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/11/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/11/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/11/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/11/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/11/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/11/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053K
Sample ID 6194 WS-6-3
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	91	Rec %			1	8260B		11/11/2016	CJR	1
SUR - 4-Bromofluorobenzene	99	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Dibromofluoromethane	100	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Toluene-d8	100	Rec %			1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053L
 Sample ID 6194 WS-6-7
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	95.0	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/11/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/11/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/11/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/11/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/11/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/11/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/11/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/11/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/11/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/11/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/11/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/11/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/11/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/11/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/11/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/11/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/11/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/11/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/11/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/11/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/11/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/11/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/11/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/11/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/11/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
Tetrachloroethene	1.29	mg/kg	0.054	0.17	1	8260B		11/11/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/11/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/11/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/11/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/11/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/11/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/11/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/11/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/11/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/11/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/11/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053L
Sample ID 6194 WS-6-7
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	110	Rec %			1	8260B		11/11/2016	CJR	1
SUR - 4-Bromofluorobenzene	93	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Dibromofluoromethane	100	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Toluene-d8	102	Rec %			1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053M
 Sample ID 6194 WS-7-3
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.2	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/11/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/11/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/11/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/11/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/11/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/11/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/11/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/11/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/11/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/11/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/11/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/11/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/11/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/11/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/11/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/11/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/11/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/11/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/11/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/11/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/11/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/11/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/11/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/11/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/11/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
Tetrachloroethene	0.141 "J"	mg/kg	0.054	0.17	1	8260B		11/11/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/11/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/11/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/11/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/11/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/11/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/11/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/11/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/11/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/11/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/11/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053M
Sample ID 6194 WS-7-3
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	120	Rec %			1	8260B		11/11/2016	CJR	1
SUR - 4-Bromofluorobenzene	100	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Dibromofluoromethane	107	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Toluene-d8	97	Rec %			1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053N
 Sample ID 6194 WS-7-7
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.5	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/11/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/11/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/11/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/11/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/11/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/11/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/11/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/11/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/11/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/11/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/11/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/11/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/11/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/11/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/11/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/11/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/11/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/11/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/11/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/11/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/11/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/11/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/11/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/11/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/11/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
Trichloroethene	3.13	mg/kg	0.054	0.17	1	8260B		11/11/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/11/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/11/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/11/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/11/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/11/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/11/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/11/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/11/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/11/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/11/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053N
Sample ID 6194 WS-7-7
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	107	Rec %			1	8260B		11/11/2016	CJR	1
SUR - 4-Bromofluorobenzene	97	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Dibromofluoromethane	102	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Toluene-d8	98	Rec %			1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 50320530
 Sample ID 6194 WS-8-3
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.5	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/11/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/11/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/11/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/11/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/11/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/11/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/11/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/11/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/11/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/11/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/11/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/11/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/11/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/11/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/11/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/11/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/11/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/11/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/11/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/11/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/11/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/11/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/11/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/11/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/11/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/11/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/11/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/11/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/11/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/11/2016	CJR	1
Tetrachloroethene	0.52	mg/kg	0.054	0.17	1	8260B		11/11/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/11/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/11/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/11/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/11/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/11/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/11/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/11/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/11/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/11/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/11/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/11/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053O
Sample ID 6194 WS-8-3
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	117	Rec %			1	8260B		11/11/2016	CJR	1
SUR - 4-Bromofluorobenzene	102	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Dibromofluoromethane	114	Rec %			1	8260B		11/11/2016	CJR	1
SUR - Toluene-d8	94	Rec %			1	8260B		11/11/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053P
 Sample ID 6194 WS-8-7
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.2	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/12/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/12/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/12/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/12/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/12/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/12/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/12/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/12/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/12/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/12/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/12/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/12/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/12/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/12/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/12/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/12/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/12/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/12/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/12/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/12/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/12/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/12/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/12/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/12/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/12/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/12/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/12/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/12/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/12/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/12/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/12/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/12/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/12/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/12/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/12/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/12/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/12/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/12/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/12/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/12/2016	CJR	1
Tetrachloroethene	0.97	mg/kg	0.054	0.17	1	8260B		11/12/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/12/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/12/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/12/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/12/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/12/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/12/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/12/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/12/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/12/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/12/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/12/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/12/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053P
Sample ID 6194 WS-8-7
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	102	Rec %			1	8260B		11/12/2016	CJR	1
SUR - 4-Bromofluorobenzene	95	Rec %			1	8260B		11/12/2016	CJR	1
SUR - Dibromofluoromethane	98	Rec %			1	8260B		11/12/2016	CJR	1
SUR - Toluene-d8	97	Rec %			1	8260B		11/12/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053Q
 Sample ID 6194 WS-9-3
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	68.5	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/12/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/12/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/12/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/12/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/12/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/12/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/12/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/12/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/12/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/12/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/12/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/12/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/12/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/12/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/12/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/12/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/12/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/12/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/12/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/12/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/12/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/12/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/12/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/12/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/12/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/12/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/12/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/12/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/12/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/12/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/12/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/12/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/12/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/12/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/12/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/12/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/12/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/12/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/12/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/12/2016	CJR	1
Tetrachloroethene	1.92	mg/kg	0.054	0.17	1	8260B		11/12/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/12/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/12/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/12/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/12/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/12/2016	CJR	1
Trichloroethene (TCE)	0.053 "J"	mg/kg	0.042	0.13	1	8260B		11/12/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/12/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/12/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/12/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/12/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/12/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/12/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053Q
Sample ID 6194 WS-9-3
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	96	Rec %			1	8260B		11/12/2016	CJR	1
SUR - 4-Bromofluorobenzene	91	Rec %			1	8260B		11/12/2016	CJR	1
SUR - Dibromofluoromethane	106	Rec %			1	8260B		11/12/2016	CJR	1
SUR - Toluene-d8	100	Rec %			1	8260B		11/12/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053R
 Sample ID 6194 WS-9-7
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	94.9	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/12/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/12/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/12/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/12/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/12/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/12/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/12/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/12/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/12/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/12/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/12/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/12/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/12/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/12/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/12/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/12/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/12/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/12/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/12/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/12/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/12/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/12/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/12/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/12/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/12/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/12/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/12/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/12/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/12/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/12/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/12/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/12/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/12/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/12/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/12/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/12/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/12/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/12/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/12/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/12/2016	CJR	1
Tetrachloroethene	0.208	mg/kg	0.054	0.17	1	8260B		11/12/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/12/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/12/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/12/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/12/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/12/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/12/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/12/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/12/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/12/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/12/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/12/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/12/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053R
Sample ID 6194 WS-9-7
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	113	Rec %			1	8260B		11/12/2016	CJR	1
SUR - 4-Bromofluorobenzene	92	Rec %			1	8260B		11/12/2016	CJR	1
SUR - Dibromofluoromethane	103	Rec %			1	8260B		11/12/2016	CJR	1
SUR - Toluene-d8	96	Rec %			1	8260B		11/12/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053S
 Sample ID 6194 WS-10-3
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.7	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.08	mg/kg	0.08	0.245	5	8260B		11/12/2016	CJR	1
Bromobenzene	< 0.195	mg/kg	0.195	0.6	5	8260B		11/12/2016	CJR	1
Bromodichloromethane	< 0.075	mg/kg	0.075	0.24	5	8260B		11/12/2016	CJR	1
Bromoform	< 0.115	mg/kg	0.115	0.365	5	8260B		11/12/2016	CJR	1
tert-Butylbenzene	< 0.175	mg/kg	0.175	0.55	5	8260B		11/12/2016	CJR	1
sec-Butylbenzene	< 0.18	mg/kg	0.18	0.55	5	8260B		11/12/2016	CJR	1
n-Butylbenzene	< 0.43	mg/kg	0.43	1.35	5	8260B		11/12/2016	CJR	1
Carbon Tetrachloride	< 0.105	mg/kg	0.105	0.335	5	8260B		11/12/2016	CJR	1
Chlorobenzene	< 0.195	mg/kg	0.195	0.6	5	8260B		11/12/2016	CJR	1
Chloroethane	< 0.225	mg/kg	0.225	0.7	5	8260B		11/12/2016	CJR	1
Chloroform	< 0.13	mg/kg	0.13	0.405	5	8260B		11/12/2016	CJR	1
Chloromethane	< 1.25	mg/kg	1.25	3.9	5	8260B		11/12/2016	CJR	1
2-Chlorotoluene	< 0.145	mg/kg	0.145	0.465	5	8260B		11/12/2016	CJR	1
4-Chlorotoluene	< 0.16	mg/kg	0.16	0.5	5	8260B		11/12/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.39	mg/kg	0.39	1.25	5	8260B		11/12/2016	CJR	1
Dibromochloromethane	< 0.155	mg/kg	0.155	0.49	5	8260B		11/12/2016	CJR	1
1,4-Dichlorobenzene	< 0.15	mg/kg	0.15	0.48	5	8260B		11/12/2016	CJR	1
1,3-Dichlorobenzene	< 0.15	mg/kg	0.15	0.485	5	8260B		11/12/2016	CJR	1
1,2-Dichlorobenzene	< 0.195	mg/kg	0.195	0.6	5	8260B		11/12/2016	CJR	1
Dichlorodifluoromethane	< 0.215	mg/kg	0.215	0.7	5	8260B		11/12/2016	CJR	1
1,2-Dichloroethane	< 0.15	mg/kg	0.15	0.48	5	8260B		11/12/2016	CJR	1
1,1-Dichloroethane	< 0.125	mg/kg	0.125	0.395	5	8260B		11/12/2016	CJR	1
1,1-Dichloroethene	< 0.145	mg/kg	0.145	0.465	5	8260B		11/12/2016	CJR	1
cis-1,2-Dichloroethene	< 0.105	mg/kg	0.105	0.34	5	8260B		11/12/2016	CJR	1
trans-1,2-Dichloroethene	< 0.12	mg/kg	0.12	0.38	5	8260B		11/12/2016	CJR	1
1,2-Dichloropropane	< 0.125	mg/kg	0.125	0.39	5	8260B		11/12/2016	CJR	1
2,2-Dichloropropane	< 0.5	mg/kg	0.5	1.65	5	8260B		11/12/2016	CJR	1
1,3-Dichloropropane	< 0.155	mg/kg	0.155	0.485	5	8260B		11/12/2016	CJR	1
Di-isopropyl ether	< 0.06	mg/kg	0.06	0.2	5	8260B		11/12/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.175	mg/kg	0.175	0.55	5	8260B		11/12/2016	CJR	1
Ethylbenzene	< 0.135	mg/kg	0.135	0.43	5	8260B		11/12/2016	CJR	1
Hexachlorobutadiene	< 0.55	mg/kg	0.55	1.8	5	8260B		11/12/2016	CJR	1
Isopropylbenzene	< 0.185	mg/kg	0.185	0.6	5	8260B		11/12/2016	CJR	1
p-Isopropyltoluene	< 0.28	mg/kg	0.28	0.9	5	8260B		11/12/2016	CJR	1
Methylene chloride	< 1.1	mg/kg	1.1	3.5	5	8260B		11/12/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.125	mg/kg	0.125	0.39	5	8260B		11/12/2016	CJR	1
Naphthalene	< 0.435	mg/kg	0.435	1.4	5	8260B		11/12/2016	CJR	1
n-Propylbenzene	< 0.175	mg/kg	0.175	0.55	5	8260B		11/12/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.065	mg/kg	0.065	0.2	5	8260B		11/12/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.145	mg/kg	0.145	0.465	5	8260B		11/12/2016	CJR	1
Tetrachloroethene	45	mg/kg	0.27	0.85	5	8260B		11/12/2016	CJR	1
Toluene	< 0.155	mg/kg	0.155	0.495	5	8260B		11/12/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.425	mg/kg	0.425	1.35	5	8260B		11/12/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.6	mg/kg	0.6	1.9	5	8260B		11/12/2016	CJR	1
1,1,1-Trichloroethane	< 0.2	mg/kg	0.2	0.65	5	8260B		11/12/2016	CJR	1
1,1,2-Trichloroethane	< 0.165	mg/kg	0.165	0.55	5	8260B		11/12/2016	CJR	1
Trichloroethene (TCE)	1.02	mg/kg	0.21	0.65	5	8260B		11/12/2016	CJR	1
Trichlorofluoromethane	< 0.3	mg/kg	0.3	0.95	5	8260B		11/12/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.39	mg/kg	0.39	1.25	5	8260B		11/12/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.445	mg/kg	0.445	1.4	5	8260B		11/12/2016	CJR	1
Vinyl Chloride	< 0.05	mg/kg	0.05	0.155	5	8260B		11/12/2016	CJR	1
m&p-Xylene	< 0.35	mg/kg	0.35	1.1	5	8260B		11/12/2016	CJR	1
o-Xylene	< 0.145	mg/kg	0.145	0.46	5	8260B		11/12/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053S
Sample ID 6194 WS-10-3
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	115	Rec %			5	8260B		11/12/2016	CJR	1
SUR - 4-Bromofluorobenzene	95	Rec %			5	8260B		11/12/2016	CJR	1
SUR - Dibromofluoromethane	111	Rec %			5	8260B		11/12/2016	CJR	1
SUR - Toluene-d8	94	Rec %			5	8260B		11/12/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053T
 Sample ID 6194 WS-10-7
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	96.1	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/12/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/12/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/12/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/12/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/12/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/12/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/12/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/12/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/12/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/12/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/12/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/12/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/12/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/12/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/12/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/12/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/12/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/12/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/12/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/12/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/12/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/12/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/12/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/12/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/12/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/12/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/12/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/12/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/12/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/12/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/12/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/12/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/12/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/12/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/12/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/12/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/12/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/12/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/12/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/12/2016	CJR	1
Tetrachloroethene	1.08	mg/kg	0.054	0.17	1	8260B		11/12/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/12/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/12/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/12/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/12/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/12/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/12/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/12/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/12/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/12/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/12/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/12/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/12/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053T
Sample ID 6194 WS-10-7
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	117	Rec %			1	8260B		11/12/2016	CJR	1
SUR - 4-Bromofluorobenzene	95	Rec %			1	8260B		11/12/2016	CJR	1
SUR - Dibromofluoromethane	108	Rec %			1	8260B		11/12/2016	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		11/12/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053U
 Sample ID 6194 WS-11-3
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.2	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/15/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/15/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/15/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/15/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/15/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/15/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/15/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/15/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/15/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/15/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/15/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/15/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/15/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/15/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/15/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/15/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/15/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/15/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/15/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/15/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/15/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/15/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/15/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/15/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/15/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/15/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/15/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/15/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/15/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/15/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/15/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
Tetrachloroethene	0.62	mg/kg	0.054	0.17	1	8260B		11/15/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/15/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/15/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/15/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/15/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/15/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/15/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/15/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/15/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/15/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/15/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/15/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/15/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053U
Sample ID 6194 WS-11-3
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	120	Rec %			1	8260B		11/15/2016	CJR	1
SUR - 4-Bromofluorobenzene	92	Rec %			1	8260B		11/15/2016	CJR	1
SUR - Dibromofluoromethane	117	Rec %			1	8260B		11/15/2016	CJR	1
SUR - Toluene-d8	92	Rec %			1	8260B		11/15/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053V
 Sample ID 6194 WS-11-7
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	96.9	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/15/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/15/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/15/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/15/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/15/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/15/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/15/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/15/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/15/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/15/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/15/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/15/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/15/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/15/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/15/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/15/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/15/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/15/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/15/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/15/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/15/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/15/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/15/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/15/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/15/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/15/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/15/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/15/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/15/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/15/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/15/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
Tetrachloroethene	1.19	mg/kg	0.054	0.17	1	8260B		11/15/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/15/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/15/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/15/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/15/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/15/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/15/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/15/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/15/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/15/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/15/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/15/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/15/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053V
Sample ID 6194 WS-11-7
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	120	Rec %			1	8260B		11/15/2016	CJR	1
SUR - 4-Bromofluorobenzene	89	Rec %			1	8260B		11/15/2016	CJR	1
SUR - Dibromofluoromethane	116	Rec %			1	8260B		11/15/2016	CJR	1
SUR - Toluene-d8	92	Rec %			1	8260B		11/15/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053W
 Sample ID 6194 FS-1
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.1	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/15/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/15/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/15/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/15/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/15/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/15/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/15/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/15/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/15/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/15/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/15/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/15/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/15/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/15/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/15/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/15/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/15/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/15/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/15/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/15/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/15/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/15/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/15/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/15/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/15/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/15/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/15/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/15/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/15/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/15/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/15/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
Tetrachloroethene	3.2	mg/kg	0.054	0.17	1	8260B		11/15/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/15/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/15/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/15/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/15/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/15/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/15/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/15/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/15/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/15/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/15/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/15/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/15/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053W
Sample ID 6194 FS-1
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Toluene-d8	97	Rec %			1	8260B		11/15/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	110	Rec %			1	8260B		11/15/2016	CJR	1
SUR - 4-Bromofluorobenzene	96	Rec %			1	8260B		11/15/2016	CJR	1
SUR - Dibromofluoromethane	111	Rec %			1	8260B		11/15/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053X
 Sample ID 6194 FS-2
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.9	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/15/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/15/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/15/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/15/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/15/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/15/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/15/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/15/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/15/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/15/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/15/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/15/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/15/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/15/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/15/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/15/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/15/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/15/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/15/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/15/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/15/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/15/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/15/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/15/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/15/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/15/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/15/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/15/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/15/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/15/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/15/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
Tetrachloroethene	4.8	mg/kg	0.054	0.17	1	8260B		11/15/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/15/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/15/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/15/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/15/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/15/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/15/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/15/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/15/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/15/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/15/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/15/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/15/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053X
Sample ID 6194 FS-2
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	113	Rec %			1	8260B		11/15/2016	CJR	1
SUR - 4-Bromofluorobenzene	100	Rec %			1	8260B		11/15/2016	CJR	1
SUR - Dibromofluoromethane	115	Rec %			1	8260B		11/15/2016	CJR	1
SUR - Toluene-d8	93	Rec %			1	8260B		11/15/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053Y
 Sample ID 6194 FS-3
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.9	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/15/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/15/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/15/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/15/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/15/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/15/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/15/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/15/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/15/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/15/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/15/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/15/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/15/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/15/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/15/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/15/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/15/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/15/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/15/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/15/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/15/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/15/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/15/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/15/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/15/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/15/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/15/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/15/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/15/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/15/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/15/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
Tetrachloroethene	5.2	mg/kg	0.054	0.17	1	8260B		11/15/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/15/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/15/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/15/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/15/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/15/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/15/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/15/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/15/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/15/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/15/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/15/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/15/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053Y
Sample ID 6194 FS-3
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Dibromofluoromethane	113	Rec %			1	8260B		11/15/2016	CJR	1
SUR - Toluene-d8	93	Rec %			1	8260B		11/15/2016	CJR	1
SUR - 4-Bromofluorobenzene	96	Rec %			1	8260B		11/15/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	105	Rec %			1	8260B		11/15/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053Z
 Sample ID 6194 FS-4
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.1	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/15/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/15/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/15/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/15/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/15/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/15/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/15/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/15/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/15/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/15/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/15/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/15/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/15/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/15/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/15/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/15/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/15/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/15/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/15/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/15/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/15/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/15/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/15/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/15/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/15/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/15/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/15/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/15/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/15/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/15/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/15/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		11/15/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/15/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/15/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/15/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/15/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/15/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/15/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/15/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/15/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/15/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/15/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/15/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/15/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 5032053Z
Sample ID 6194 FS-4
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	110	Rec %			1	8260B		11/15/2016	CJR	1
SUR - 4-Bromofluorobenzene	93	Rec %			1	8260B		11/15/2016	CJR	1
SUR - Dibromofluoromethane	114	Rec %			1	8260B		11/15/2016	CJR	1
SUR - Toluene-d8	96	Rec %			1	8260B		11/15/2016	CJR	1

Project Name OHM HAMPTON
 Project # 6194 PO#20169268

Invoice # E32053

Lab Code 532053AA
 Sample ID 6194 FS-5
 Sample Matrix Soil
 Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.3	%			1	5021		11/10/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		11/15/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		11/15/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		11/15/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		11/15/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		11/15/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		11/15/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		11/15/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		11/15/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		11/15/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/15/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		11/15/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		11/15/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/15/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		11/15/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/15/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		11/15/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		11/15/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/15/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		11/15/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		11/15/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		11/15/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		11/15/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		11/15/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		11/15/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		11/15/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		11/15/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/15/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		11/15/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		11/15/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		11/15/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		11/15/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/15/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		11/15/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		11/15/2016	CJR	1
Tetrachloroethene	0.289	mg/kg	0.054	0.17	1	8260B		11/15/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		11/15/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/15/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		11/15/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		11/15/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/15/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		11/15/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		11/15/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		11/15/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		11/15/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		11/15/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		11/15/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		11/15/2016	CJR	1

Project Name OHM HAMPTON
Project # 6194 PO#20169268

Invoice # E32053

Lab Code 532053AA
Sample ID 6194 FS-5
Sample Matrix Soil
Sample Date 11/8/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Toluene-d8	95	Rec %			1	8260B		11/15/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	104	Rec %			1	8260B		11/15/2016	CJR	1
SUR - 4-Bromofluorobenzene	93	Rec %			1	8260B		11/15/2016	CJR	1
SUR - Dibromofluoromethane	105	Rec %			1	8260B		11/15/2016	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



Michael J. Steel

Environmental Lab, Inc.

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

Sample Handling Request

Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. # _____
Account No. : _____ Quote No.: _____
Project #: **6194**
Sampler: (signature) *[Signature]*

Project (Name / Location): **OHM Hampton**
Reports To: **B. Kappen / K. Vander Heiden** Invoice To: _____
Company: **EnviroForensics** Company: _____
Address: **N16 W23390 Stone Ridge Dr** Address: _____
City State Zip: **Waukesha, WI 53188** City State Zip: _____
Phone: **317 972 7870** Phone: _____
FAX: _____ FAX: _____

Analysis Requested										Other Analysis											
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260) + Dry Weight	8-PCRA METALS							PID/ FID	

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
5032053A	6194-WS-1-3	11/8	1010		x	N	2	S	MeOH
B	6194-WS-1-7	11/8	1015		x	N	2	S	MeOH
C	6194-WS-2-3	11/8	1023		x	N	2	S	MeOH
D	6194-WS-2-7	11/8	1026		x	N	2	S	MeOH
E	6194-WS-3-3	11/8	1030		x	N	2	S	MeOH
F	6194-WS-3-7	11/8	1034		x	N	2	S	MeOH
G	6194-WS-4-3	11/8	1015		x	N	2	S	MeOH
H	6194-WS-4-7	11/8	1020		x	N	2	S	MeOH
I	6194-WS-5-3	11/8	1205		x	N	2	S	MeOH
J	6194-WS-5-7	11/8	1208		x	N	2	S	MeOH

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: Client
Temp. of Temp. Blank: _____ °C On Ice:
Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) *[Signature]* Time: 0900 Date: 11/9/16
[Signature] Time: 1236 Date: 11-9-16

Received By: (sign) *[Signature]* Time: _____ Date: _____
[Signature] Time: 1236 Date: 11/9/16

Environmental Lab, Inc.

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

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

Lab I.D. # _____
Account No. : _____ Quote No.: _____
Project #: **6194**
Sampler: (signature) *[Signature]*

Project (Name / Location): **OHM Hampton**
Reports To: **B. Kappen / K. VanderHeide** Invoice To: _____
Company **EnviroForensics** Company _____
Address **116 W23390 Stone Ridge Dr** Address _____
City State Zip **Waukesha, WI 53188** City State Zip _____
Phone **317 972 7870** Phone _____
FAX _____ FAX _____

Analysis Requested											Other Analysis			
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260) + Dry Weight	8-RCRA METALS	PID/ FID
												X		
												X		
												X		
												X		
												X		
												X		
												X		
												X		
												X		
												X		
												X		

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
5032053k	6194-WS-6-3	11/8	1211		X	N	2	S	MeOH
L	6194-WS-6-7	11/8	1214		X	N	2	S	MeOH
	6194-WS-7-3	11/8	1218		X	N	2	S	MeOH
	6194-WS-7-7	11/8	1221		X	N	2	S	MeOH
	6194-WS-8-3	11/8	1224		X	N	2	S	MeOH
	6194-WS-8-7	11/8	1227		X	N	2	S	MeOH
	6194-WS-9-3	11/8	1242		X	N	2	S	MeOH
	6194-WS-9-7	11/8	1245		X	N	2	S	MeOH
	6194-WS-10-3	11/8	1248		X	N	2	S	MeOH
T	6194-WS-10-7	11/8	1250		X	N	2	S	MeOH

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: Client
Temp. of Temp. Blank _____ °C On Ice:
Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) *[Signature]* Time 0900 Date 11/9/16
[Signature] Time 1236 Date 11-9-16

Received By: (sign) *[Signature]* Time _____ Date _____
Received in Laboratory By: *[Signature]* Time: 1236 Date: 11/9/16

P# 20169268

Synergy

Chain # No 292

Page 3 of 3

Environmental Lab, Inc.

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

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

Lab I.D. # _____
Account No.: _____ Quote No.: _____
Project #: 6194
Sampler: (signature) *[Signature]*

Project (Name / Location): OTH Hampton

Reports To: B. Kappen / K. VanderHeide Invoice To:

Company: ENVIROFORENSIS Company:

Address: 166 W2390 Stone Ridge Dr Address:

City State Zip: Waukesha, WI 53188 City State Zip:

Phone: 217 572 7870 Phone:

FAX: _____ FAX:

Analysis Requested										Other Analysis											
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260) + Dry Weight	8-RCRA METALS							PID/ FID	

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
KV	6194-WS-113	11/8	1253		X	N	2	S	MeOH
50320534	6194-WS-113	11/8	1253		X	N	2	S	MeOH
V	6194-WS-117	11/8	1256		X	N	2	S	MeOH
U	6194-FS-1	11/8	1037		X	N	2	S	MeOH
X	6194-FS-2	11/8	1042		X	N	2	S	MeOH
Y	6194-FS-3	11/8	1156		X	N	2	S	MeOH
Z	6194-FS-4	11/8	1201		X	N	2	S	MeOH
AA	6194-FS-5	11/8	1203		X	N	2	S	MeOH

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: Client
Temp. of Temp. Blank: _____ °C On Ice:
Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) *[Signature]* Time: 0900 Date: 11/9/16
[Signature] Time: 1236 Date: 11-9-16
Received By: (sign) *[Signature]* Time: _____ Date: _____
Received in Laboratory By: *[Signature]* Time: 1236 Date: 11/9/16

APPENDIX C

WASTE DISPOSAL DOCUMENTATION

SPECIAL WASTE MANIFEST DISPOSAL TICKET

074918

Enviroforensics

BILL TO: _____



A Waste Management Company

TRANSPORTER: MML
OHM Holdings LLC

GENERATOR: _____

GENERATOR'S SIGNATURE: [Signature] _____

Contaminated Soil

WASTE DESCRIPTION: V126082WJ

PROFILE #: _____

ACCEPTED BY: [Signature] _____

DRIVER'S SIGNATURE: [Signature] _____

TRUCK NO. 78

TONS/YARDS



12894836

Orchard Ridge RDF
W124 N9355 Boundary Road
Menomonee Falls, WI, 53051
Ph: (262) 253-8620

Original
Ticket# 1497770

Customer Name ENVIROFORNSIC ENVIROFORENSICS Carrier OHM OHM
Ticket Date 11/08/2016 Vehicle# 78
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0004889
State Waste Code A-24-06 Gen EPA ID
Manifest 74918
Destination Grid
PO
Profile V126082WI (TETRACHLOROETHENE CONTAMINATED SOIL)
Generator 136-OHMHOLDINGS OHM HOLDINGS

Volume

Time
In 11/08/2016 12:17:42
Out 11/08/2016 12:27:05



Gross 86360 lb
Tare 30440 lb
Net 55920 lb
Tons 27.96

Comments

WASTE MANAGEMENT

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spwaste VOC-Tons-S	100	27.96	Tons				WI
2 FUEL-Fuel Surcharg	100		%				WI
3 EVF-L-Standard Env	100	1	Load				WI

Total Tax
Total Ticket

SPECIAL WASTE MANIFEST DISPOSAL TICKET

074921

BILL TO: Enviroforensics



TRANSPORTER: Joan Fisher
OHM Holdings LLC

GENERATOR: _____

GENERATOR'S SIGNATURE: [Signature] 11, 8, 16
Contaminated Soil Date

WASTE DESCRIPTION: V126082WI

PROFILE #: _____

ACCEPTED BY: [Signature] 11, 8, 16
Date

DRIVER'S SIGNATURE: [Signature] 11, 8, 16
Date

TRUCK NO. 98 TONS/YARDS _____

2372



12894824

Orchard Ridge RDF
W124 N9355 Boundary Road
Menomonee Falls, WI, 53051
Ph: (262) 253-8620

Original
Ticket# 1497758

Customer Name ENVIROFORNSIC ENVIROFORENSICS Carrier OHM OHM
Ticket Date 11/08/2016 Vehicle# 9B
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0004889
State Waste Code A-24-06 Gen EPA ID
Manifest 74921
Destination Grid
PD
Profile V126082WI (TETRACHLOROETHENE CONTAMINATED SOIL)
Generator 136-OHMHOLDINGS OHM HOLDINGS

Volume

Time
In 11/08/2016 12:02:56
Out 11/08/2016 12:11:28



Gross 76200 lb
Tare 28760 lb
Net 47440 lb
Tons 23.72

Comments

WASTE MANAGEMENT

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spwaste VOC-Tons-S	100	23.72	Tons				WI
2 FUEL-Fuel Surcharg	100		%				WI
3 EVF-L-Standard Env	100	1	Load				WI

Total Tax
Total Ticket



~~Special Risk~~
SPECIAL WASTE MANIFEST DISPOSAL TICKET

074914

BILL TO: Enviroforensics



TRANSPORTER: OHM Holdings LLC UPC 311

GENERATOR: _____

GENERATOR'S SIGNATURE: [Signature] 11/8/16
Date
Contaminated Soil

WASTE DESCRIPTION: V126082WI

PROFILE #: _____

ACCEPTED BY: [Signature] 11/8/16
Date

DRIVER'S SIGNATURE: [Signature] 11/8/16
Date

TRUCK NO. 311 TONS/YARDS _____

22-83



12894811

Orchard Ridge RDF
W124 N9355 Boundary Road
Menomonee Falls, WI, 53051
Ph: (262) 253-8620

Original
Ticket# 1497736

Customer Name ENVIROFORNSIC ENVIROFORENSICS Carrier OHM OHM
Ticket Date 11/08/2016 Vehicle# 311
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0004889
State Waste Code A-24-06 Gen EPA ID
Manifest 74914- Grid
Destination
PO
Profile V126082WI (TETRACHLOROETHENE CONTAMINATED SOIL)
Generator 136-OHMHOLDINGS OHM HOLDINGS

Volume

Time
In 11/08/2016 11:33:53
Out 11/08/2016 11:47:14



Inbound Gross 76420 lb
Tare 30760 lb
Net 45660 lb
Tons 22.83

Comments

WASTE MANAGEMENT

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Spwaste VDC-Tons-S	100	22.83	Tons				WI
2 FUEL-Fuel Surcharg	100		%				WI
3 EVF-L-Standard Env	100	1	Load				WI

Total Tax
Total Ticket



SPECIAL WASTE MANIFEST DISPOSAL TICKET

074911

BILL TO: Enviroforensics



TRANSPORTER: GODOY TRUCKING LLC
OHM Holdings LLC

GENERATOR: _____

GENERATOR'S SIGNATURE: [Signature] 11/8/16
Date
Contaminated Soil

WASTE DESCRIPTION: V126082WI

PROFILE #: _____

ACCEPTED BY: [Signature] 11/8/16
Date

DRIVER'S SIGNATURE: L. Godoy 11/8/16
Date

TRUCK NO. 18 TONS/YARDS

1002

Driver's Signature



12894807

Orchard Ridge RDF
W124 N7355 Boundary Road
Menomonee Falls, WI, 53051
Ph: (262) 253-8620

Original
Ticket# 1477732

Customer Name ENVIROFORNSIC ENVIROFORENSICS Carrier OHM OHM
Ticket Date 11/08/2016 Vehicle# 18
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0004889
State Waste Code A-24-06 Gen EPA ID
Manifest 74911
Destination Grid
PD
Profile V126082WI (TETRACHLOROETHENE CONTAMINATED SDTL)
Generator 136-OHMHOLDINGS OHM HOLDINGS

Volume

Time
In 11/08/2016 11:26:48
Out 11/08/2016 11:37:12



Inbound Gross 69940 lb
Tare 25520 lb
Net 44420 lb
Tons 22.21

Comments

WASTE MANAGEMENT

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Spwaste VOC-Tons-S	100	22.21	Tons				WI
2 FUEL-Fuel Surcharg	100		%				WI
3 EVF-L-Standard Env	100	1	Load				WI

403WM-N *L. Goday*

Total Tax
Total Ticket



SPECIAL WASTE MANIFEST DISPOSAL TICKET

074912

BILL TO: Enviroforensics



A Waste Management Company

TRANSPORTER: TEAM FISCHER
OHM Holdings LLC

GENERATOR: _____

GENERATOR'S SIGNATURE: [Signature] 11.8.16
Date
Contaminated Soil

WASTE DESCRIPTION: V126082WI

PROFILE #: _____

ACCEPTED BY: [Signature] 11/8/16
Date

DRIVER'S SIGNATURE: [Signature] 11.8.16
Date

TRUCK NO. 102 _____ TONS/YARDS

0150



12894805

Orchard Ridge RDF
W124 N9355 Boundary Road
Menomonee Falls, WI, 53051
Ph: (262) 253-8620

Original
Ticket# 1497730

Customer Name ENVIROFORNSIC ENVIROFORENSICS Carrier OHM OHM
Ticket Date 11/08/2016 Vehicle# 102
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0004889
State Waste Code A-24-06 Gen EPA ID
Manifest 74912 Grid
Destination
PD
Profile V126082WI (TETRACHLOROETHENE CONTAMINATED SOIL)
Generator 136-OHMHOLDINGS OHM HOLDINGS

Volume

Time
In 11/08/2016 11:21:24
Out 11/08/2016 11:33:04



Inbound Gross 79420 lb
Tare 29220 lb
Net 50200 lb
Tons 25.10

Comments

WASTE MANAGEMENT

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Spwaste VOC-Tons-S	100	25.10	Tons				WI
2 FUEL-Fuel Surcharg	100		%				WI
3 EVF-L-Standard Env	100	1	Load				WI

DS 102

Total Tax
Total Ticket



SPECIAL WASTE MANIFEST DISPOSAL TICKET

074835

BILL TO: Enviroforensics



TRANSPORTER: _____

GENERATOR: OHM Holdings LLC

GENERATOR'S SIGNATURE: _____

GENERATOR'S SIGNATURE: _____

Contaminated Soil

Date

WASTE DESCRIPTION: V126082WI

PROFILE #: _____

ACCEPTED BY: M

11/8/16

DRIVER'S SIGNATURE: Don DeLaf

11/8/16

D+S TRANSPORT

TRUCK NO. 47 TONS/YARDS

See 81



12894799

Orchard Ridge RDF
W124 N9355 Boundary Road
Menomonee Falls, WI, 53051
Ph: (262) 253-8620

Original
Ticket# 1497723

Customer Name ENVIROFORNSIC ENVIROFORENSICS Carrier OHM OHM
Ticket Date 11/08/2016 Vehicle# 47
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0004889
State Waste Code A-24-06 Gen EPA ID
Manifest 74865
Destination Grid
PO
Profile V126082WI (TETRACHLOROETHENE CONTAMINATED SOIL.)
Generator 136-OHMHOLDINGS OHM HOLDINGS

Volume

Time
In 11/08/2016 11:10:06
Out 11/08/2016 11:23:04



Inbound Gross 69180 lb
Tare 32680 lb
Net 36500 lb
Tons 18.25

Comments

WASTE MANAGEMENT

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Spwaste VOC-Tons-S	100	18.25	Tons				WI
2 FUEL-Fuel Surcharg	100		%				WI
3 EVF-L-Standard Env	100	1	Load				WI

*Our
Label
#47*

Total Tax
Total Ticket



SPECIAL WASTE MANIFEST DISPOSAL TICKET

074917

BILL TO: Enviroforensics



A Waste Management Company

TRANSPORTER: MML 78

GENERATOR: OHM Holdings LLC

GENERATOR'S SIGNATURE: [Signature] 11/8/16
Date

Contaminated Soil

WASTE DESCRIPTION: V126082WI

PROFILE #: _____

ACCEPTED BY: [Signature] 11/8/16
Date

DRIVER'S SIGNATURE: [Signature] 11/8/16
Date

TRUCK NO. 78

TONS/YARDS

elie



12894797

Orchard Ridge RDF
W124 N9355 Boundary Road
Menomonee Falls, WI, 53051
Ph: (262) 253-8620

Original
Ticket# 1477721

Customer Name ENVIROFORNSIC ENVIROFORENSICS Carrier OHM OHM
Ticket Date 11/08/2016 Vehicle# 78
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0004889
State Waste Code A-24-06 Gen EPA ID
Manifest 74917
Destination Grid
PO
Profile V126082WI (TETRACHLOROETHENE CONTAMINATED SOIL)
Generator 136-OHM HOLDINGS OHM HOLDINGS

Volume

Time
In 11/08/2016 11:07:29
Out 11/08/2016 11:17:10



Inbound Gross 73880 lb
Tare 30440 lb
Net 43440 lb
Tons 21.72

Comments

WASTE MANAGEMENT

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Spwaste VOC-Tons-S	100	21.72	Tons				WI
2 FUEL-Fuel Surcharg	100		%				WI
3 EVF-L-Standard Env	100	1	Load				WI

Total Tax
Total Ticket

SPECIALTY WASTE MANIFEST DISPOSAL TICKET

074920

BILL TO: Enviroforensics



A Waste Management Company

TRANSPORTER: Sean Fisher
OHM Holdings LLC

GENERATOR: _____

GENERATOR'S SIGNATURE: [Signature] 11.8.16
Contaminated Soil Date

WASTE DESCRIPTION: V126082WI

PROFILE #: _____

ACCEPTED BY: [Signature] 11/8/16
Date

DRIVER'S SIGNATURE: [Signature] 11.8.16
Date

TRUCK NO. 98 TONS/YARDS

2325



12894786

Orchard Ridge RDF
W124 N7355 Boundary Road
Menomonee Falls, WI, 53051
Ph: (262) 253-8620

Original
Ticket# 1477703

Customer Name ENVIROFORNSIC ENVIROFORENSICS Carrier OHM OHM
Ticket Date 11/08/2016 Vehicle# 98
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0004889
State Waste Code A-24-06 Gen EPA ID
Manifest 74920
Destination Grid
PD
Profile V126082WI (TETRACHLOROETHENE CONTAMINATED SOIL)
Generator 136-OHMHOLDINGS OHM HOLDINGS

Volume

Time
In 11/08/2016 10:54:28
Out 11/08/2016 11:03:31



Inbound Gross 75260 lb
Tare 23760 lb
Net 46500 lb
Tons 23.25

Comments

WASTE MANAGEMENT

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spwaste VOC-Tons-S	100	23.25	Tons				WI
2 FUEL-Fuel Surcharg	100		%				WI
3 EVF-L-Standard Env	100	1	Load				WI

98845

Total Tax
Total Ticket

403WM-N



Driver's Signature

SPECIAL WASTE MANIFEST DISPOSAL TICKET

074915

BILL TO: Enviroforensics



A Waste Management Company

TRANSPORTER: VPC
OHM Holdings LLC

GENERATOR: _____

GENERATOR'S SIGNATURE: [Signature] 11, 8, 16
Contaminated Soil Date

WASTE DESCRIPTION: V126082WI

PROFILE #: _____

ACCEPTED BY: [Signature] 11/18/16
Date

DRIVER'S SIGNATURE: [Signature] 11, 8, 16
Date

TRUCK NO. 311 TONS/YARDS _____

Handwritten initials: J.D.

Driver Signature



12894766

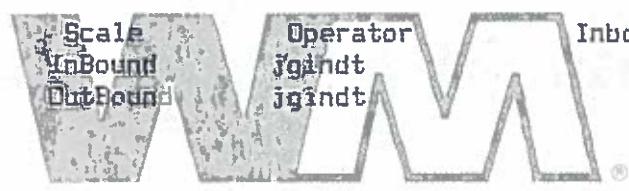
Orchard Ridge RDF
W124 N9355 Boundary Road
Menomonee Falls, WI, 53051
Ph: (262) 253-8620

Original
Ticket# 1497681

Customer Name ENVIROFORNSIC ENVIROFORENSICS Carrier OHM OHM
Ticket Date 11/08/2016 Vehicle# 311
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0004889
State Waste Code A-24-06 Gen EPA ID
Manifest 74915
Destination Grid
PD
Profile V126082WI (TETRACHLOROETHENE CONTAMINATED SOIL)
Generator 136-OHMHOLDINGS OHM HOLDINGS

Volume

Time
In 11/08/2016 10:23:18
Out 11/08/2016 10:32:34



Inbound Gross 70980 lb
Tare 30780 lb
Net 40200 lb
Tons 20.10

Comments

WASTE MANAGEMENT

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Spwaste VOC-Tons-S	100	20.10	Tons				WI
2 FUEL-Fuel Surcharg	100		%				WI
3 EVF-L-Standard Env	100	1	Load				WI

Total Tax
Total Ticket



SPECIAL WASTE MANIFEST DISPOSAL TICKET

074910

BILL TO: Enviroforensics



TRANSPORTER: GODOY TRUCKING LLC
OHM Holdings LLC

GENERATOR: _____

GENERATOR'S SIGNATURE: [Signature] 11/8/16
Date
Contaminated Soil

WASTE DESCRIPTION: V126082WI

PROFILE #: _____

ACCEPTED BY: [Signature] 11/8/16
Date

DRIVER'S SIGNATURE: L. Godoy 11/8/16
Date

TRUCK NO. 18 TONS/YARDS

23.76

Driver's Signature



12894762

Orchard Ridge RDF
W124 N9355 Boundary Road
Menomonee Falls, WI, 53051
Ph: (262) 253-8620

Original
Ticket# 1497676

Customer Name ENVIROFORNSIC ENVIROFORENSICS Carrier OHM OHM
Ticket Date 11/08/2016 Vehicle# 18
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0004889
State Waste Code A-24-06 Gen EPA ID
Manifest 749108
Destination Grid
PO
Profile V126082WI (TETRACHLOROETHENE CONTAMINATED SOIL)
Generator 136-OHMHOLDINGS OHM HOLDINGS

Volume

Time
In 11/08/2016 10:16:27
Out 11/08/2016 10:25:07



Inbound Gross 73060 lb
Tare 23540 lb
Net 47520 lb
Tons 23.76

Comments

WASTE MANAGEMENT

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Spwaste VOC-Tons-S	100	23.76	Tons				WI
2 FUEL-Fuel Surcharg	100		%				WI
3 EVF-L-Standard Env	100	1	Load				WI

403WM-N

L. Today

Total Tax
Total Ticket

Driver's Signature



SPECIAL WASTE MANIFEST DISPOSAL TICKET

074913

BILL TO: Enviroforensics



TRANSPORTER: Team Fischer
OHM Holdings LLC

GENERATOR: _____

GENERATOR'S SIGNATURE: [Signature] 11/8/16
Contaminated Soil Date

WASTE DESCRIPTION: V126082WI

PROFILE #: _____

ACCEPTED BY: [Signature] 11/8/16
Date

DRIVER'S SIGNATURE: [Signature] 11/8/16
Date

TRUCK NO. 102 TONS/YARDS _____

SSR



12894758

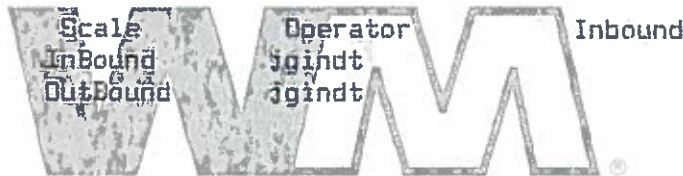
Orchard Ridge RDF
W124 N9355 Boundary Road
Menomonee Falls, WI, 53051
Ph: (262) 253-8620

Original
Ticket# 1497671

Customer Name ENVIROFORNSIC ENVIROFORENSICS Carrier OHM OHM
Ticket Date 11/08/2016 Vehicle# 102
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0004889
State Waste Code A-24-06 Gen EPA ID
Manifest 74913
Destination Grid
PO
Profile V126082WI (TETRACHLOROETHENE CONTAMINATED SDJL)
Generator 136-OHM HOLDINGS OHM HOLDINGS

Volume

Time
In 11/08/2016 10:06:42
Out 11/08/2016 10:16:05



Gross 74360 lb
Tare 29260 lb
Net 45100 lb
Tons 22.55

Comments

WASTE MANAGEMENT

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spwaste VOC-Tons-S	100	22.55	Tons				WI
2 FUEL-Fuel Surcharg	100		%				WI
3 EVF-L-Standard Env	100	1	Load				WI

Handwritten signature: (1) S/102

Total Tax
Total Ticket



SPECIAL WASTE MANIFEST DISPOSAL TICKET

074916

BILL TO: Enviroforensics



A Waste Management Company

TRANSPORTER: MML 78

GENERATOR: OHM Holdings LLC

GENERATOR'S SIGNATURE: [Signature]

Contaminated Soil

Date

WASTE DESCRIPTION: V126082WI

PROFILE #: _____

ACCEPTED BY: [Signature] 11/8/16

DRIVER'S SIGNATURE: [Signature] 11/8/16

Date

TRUCK NO. 78

TONS/YARDS

[Handwritten signature]

Driver's Signature



12894753

Orchard Ridge RDF
W124 N9355 Boundary Road
Menomonee Falls, WI, 53051
Ph: (262) 253-8620

Original
Ticket# 1477666

Customer Name ENVIROFORNSIC ENVIROFORENSICS Carrier OHM OHM
Ticket Date 11/08/2016 Vehicle# 78
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0004889
State Waste Code A-24-06 Gen EPA ID
Manifest 74916
Destination Grid
PO
Profile V126082W1 (TETRACHLOROETHENE CONTAMINATED SOIL)
Generator 136-OHMHOLDINGS OHM HOLDINGS

Volume

Time
In 11/08/2016 09:56:10
Out 11/08/2016 10:04:40



Inbound Gross 73020 lb
Tare 30460 lb
Net 42560 lb
Tons 21.28

Comments

WASTE MANAGEMENT

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Spwaste VOC-Tons-B	100	21.28	Tons				WI
2 FUEL-Fuel Surcharg	100		%				WI
3 EVF-L-Standard Env	100	1	Load				WI

Don He
Total Tax
Total Ticket



SPECIAL HAZARDOUS WASTE MANIFEST DISPOSAL TICKET

074919

BILL TO: Enviroforensics



TRANSPORTER: Sam Fisher
OHM Holdings LLC

GENERATOR: _____

GENERATOR'S SIGNATURE: [Signature] 11.5.16
Date
Contaminated Soil

WASTE DESCRIPTION: V126002WI

PROFILE #: _____

ACCEPTED BY: [Signature] 11/8/16
Date

DRIVER'S SIGNATURE: [Signature] 11.8.16
Date

TRUCK NO. 98 TONS/YARDS _____

2334



12894748

Orchard Ridge RDF
W124 N9355 Boundary Road
Menomonee Falls, WI, 53051
Ph: (262) 253-8620

Original
Ticket# 1497659

Customer Name ENVIROFORNSIC ENVIROFORENSICS Carrier OHM OHM
Ticket Date 11/08/2016 Vehicle# 9B
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0004889
State Waste Code A-24-06 Gen EPA ID
Manifest 74919
Destination Grid
PO
Profile V126082WI (TETRACHLOROETHENE CDNTAMINATED SDIL)
Generator 136-OHMHOLDINGS OHM HOLDINGS

Volume

Time
In 11/08/2016 09:46:56
Out 11/08/2016 09:55:22



Inbound Gross 75520 lb
Tare 28840 lb
Net 46680 lb
Tons 23.34

Comments

WASTE MANAGEMENT

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Spwaste VOC-Tons-S	100	23.34	Tons				WI
2 FUEL-Fuel Surcharg	100		%				WI
3 EVF-L-Standard Env	100	1	Load				WI

Handwritten signature

Total Tax
Total Ticket



SPECIAL WASTE MANIFEST DISPOSAL TICKET

074863

BILL TO: Enviroforensics



A Waste Management Company

TRANSPORTER: _____

GENERATOR: OHM Holdings LLC

GENERATOR'S SIGNATURE: _____ / _____ / _____
Date

WASTE DESCRIPTION: Contaminated Soil
V126082WI

PROFILE #: _____

ACCEPTED BY: [Signature] / 11/8/16
Date

DRIVER'S SIGNATURE: [Signature] / 11/8/16
Date

DYS TRANSPORT

TRUCK NO. 47 TONS/YARDS

12.93



12894737

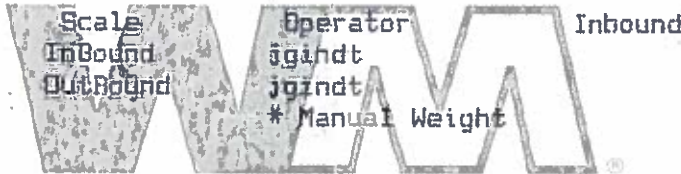
Orchard Ridge RDF
W124 N9355 Boundary Road
Menomonee Falls, WI, 53051
Ph: (262) 253-8620

Original
Ticket# 1497642

Customer Name ENVIROFORNSIC ENVIROFORENSICS Carrier OHM OHM
Ticket Date 11/08/2016 Vehicle# 47
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0004889
State Waste Code A-24-06 Gen EPA ID
Manifest 74868 Grid
Destination
PD
Profile V126082WI (TETRACHLOROETHENE CONTAMINATED SOIL)
Generator 136-OHMHOLDINGS OHM HOLDINGS

Volume

Time
In 11/08/2016 09:27:44
Out 11/08/2016 09:40:51



Inbound Gross 58640 lb
Tare 32800 lb*
Net 25840 lb
Tons 12.93

Comments

WASTE MANAGEMENT

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spwaste VOC-Tons-S	100	12.93	Tons				WI
2 FUEL-Fuel Surcharg	100		%				WI
3 EVF-L-Standard Env	100	1	Load				WI

D. Dabel
#47

Total Tax
Total Ticket





12894719

Orchard Ridge RDF
W124 N9355 Boundary Road
Menomonee Falls, WI, 53051
Ph: (262) 253-8620

Original
Ticket# 1497620

Customer Name ENVIROFORNSIC ENVIROFORENSICS Carrier OHM OHM
Ticket Date 11/08/2016 Vehicle# 311
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0004889
State Waste Code A-24-06 Gen EPA ID
Manifest NA 8
Destination Grid
PD
Profile V126082WI (TETRACHLOROETHENE CONTAMINATED SOIL)
Generator 136-OHM HOLDINGS OHM HOLDINGS

Volume

Time
In 11/08/2016 09:01:23
Out 11/08/2016 09:13:09



Inbound Gross 70960 lb
Tare 30820 lb
Net 40140 lb
Tons 20.07

Comments

WASTE MANAGEMENT

Product	LDX	Qty	UDM	Rate	Tax	Amount	Origin
1 Spwaste VOC-Tons-S	100	20.07	Tons				WI
2 FUEL-Fuel Surcharg	100		%				WI
3 EVF-L-Standard Env	100	1	Load				WI

Total Tax
Total Ticket





NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	311	
3. Generator's Mailing Address: OHM HOLDINGS, LLC W229N2494 HWY F WAUKESHA, WI 53186		Generator's Site Address (if different than mailing): OHM HOLDINGS, LLC W229N2494 HWY F WAUKESHA, WI 53186 WAUKESHA		A. Manifest Number WMNA		
4. Generator's Phone 262-588-9847		B. State Generator's ID				
5. Transporter 1 Company Name UPC 311		6. US EPA ID Number		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone		
9. Designated Facility Name and Site Address ORCHARD RIDGE AND METRO		10. US EPA ID Number		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility ID		
				H. State Facility Phone 414-529-6180		
GENERATOR	11. Description of Waste Materials		12. Containers		13. Total Quantity	
			No.	Type	14. Unit Wt./Vol.	
	a. TATRACHLOROETHENE CONTAMINATED SOIL		1			1. Misc. Comments
	WM Profile # V126082WI					
	b.					
	WM Profile #					
c.						
WM Profile #						
d.						
WM Profile #						
J. Additional Descriptions for Materials Listed Above			K. Disposal Location			
BILL TO:			Cell	Level		
			Grid			
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: 262-588-9847				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Kyle Vander Heiden, Agent of Generator</i>		Signature "On behalf of" <i>[Signature]</i>		Month 11	Day 8	
				Year 16		
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials					
	Printed Name <i>Allen George</i>		Signature <i>[Signature]</i>		Month 11	
					Day 8	
				Year 16		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name		Signature		Month	Day	
				Year		
FACILITY	19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.					
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.					
	Printed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Month 11	Day 8
				Year 16		

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



12894712

Orchard Ridge RDF
W124 N9355 Boundary Road
Menomonee Falls, WI, 53051
Ph: (262) 253-8620

Original
Ticket# 1497614

Customer Name ENVIROFORNSIC ENVIROFORENSICS Carrier OHM OHM
Ticket Date 11/08/2016 Vehicle# 1B
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0004889
State Waste Code A-24-06 Gen EPA ID
Manifest NA
Destination Grid
PD
Profile V1260B2WI (TETRACHLOROETHENE CONTAMINATED SOIL)
Generator 136-OHM HOLDINGS OHM HOLDINGS

Volume

Time
In 11/08/2016 08:54:37
Out 11/08/2016 09:04:52



Gross 63560 lb
Tare 25620 lb
Net 37940 lb
Tons 18.97

Comments

WASTE MANAGEMENT

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spwaste VOC-Tons-S	100	18.97	Tons				WI
2 FUEL-Fuel Surcharg	100		%				WI
3 EVF-L-Standard Env	100	1	Load				WI

403WM-N

L. Goday

Total Tax
Total Ticket



Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 18				
3. Generator's Mailing Address: OHM HOLDINGS, LLC W229N2494 HWY F WAUKESHA, WI 53186		Generator's Site Address (if different than mailing): OHM HOLDINGS, LLC W229N2494 HWY F WAUKESHA, WI 53186 WAUKESHA		A. Manifest Number WMNA				
4. Generator's Phone 262-588-9847				B. State Generator's ID 18.97				
5. Transporter 1 Company Name		6. US EPA ID Number		C. State Transporter's ID				
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone				
9. Designated Facility Name and Site Address ORCHARD RIDGE AND METRO		10. US EPA ID Number		E. State Transporter's ID				
				F. Transporter's Phone				
				G. State Facility ID				
				H. State Facility Phone 414-529-6180				
GENERATOR	11. Description of Waste Materials		12. Containers	13. Total Quantity	14. Unit Wt./Vol.	15. Misc. Comments		
	a. TATRACHLOROETHENE CONTAMINATED SOIL		No.	Type				
	WM Profile # V126082WI							
	b.							
	WM Profile #							
	c.							
WM Profile #								
d.								
WM Profile #								
J. Additional Descriptions for Materials Listed Above		K. Disposal Location						
BILL TO:		Cell		Level				
		Grid						
15. Special Handling Instructions and Additional Information								
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: 262-588-9847						
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.								
Printed Name <i>Kyle Vander Heiden</i> <i>Agent of Generator</i>		Signature "On behalf of"			Month	Day	Year	
					<i>11</i>	<i>8</i>	<i>16</i>	
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials							
	Printed Name LUIS GODOY		Signature <i>L. Godoy</i>			Month	Day	Year
						<i>11</i>	<i>8</i>	<i>16</i>
18. Transporter 2 Acknowledgement of Receipt of Materials								
Printed Name		Signature			Month	Day	Year	
FACILITY	19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name		Signature			Month	Day	Year	
<i>[Signature]</i>		<i>[Signature]</i>			<i>11</i>	<i>8</i>	<i>16</i>	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



12894710

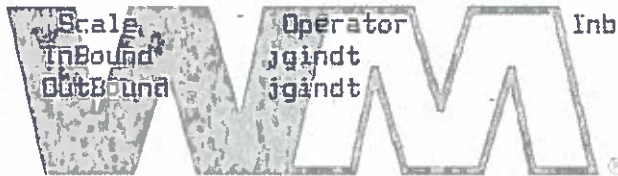
Orchard Ridge RDF
W124 N9355 Boundary Road
Menomonee Falls, WI, 53051
Ph: (262) 253-8620

Original
Ticket# 1497610

Customer Name ENVIROFORNSIC ENVIROFORENSICS Carrier OHM OHM
Ticket Date 11/08/2016 Vehicle# 102
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0004889
State Waste Code A-24-06 Gen EPA ID
Manifest NA
Destination Grid
PD
Profile V126082WI (TETRACHLOROETHENE CONTAMINATED SOIL)
Generator 136-OHM HOLDINGS OHM HOLDINGS

Volume

Time
In 11/08/2016 08:48:03
Out 11/08/2016 08:59:35



Inbound Gross 67440 lb
Tare 29300 lb
Net 38140 lb
Tons 19.07

Comments

WASTE MANAGEMENT

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spwaste VOC-Tons-S	100	19.07	Tons				WI
2 FUEL-Fuel Surcharg	100		%				WI
3 EVF-L-Standard Env	100	1	Load				WI

DS 102

Total Tax
Total Ticket



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 102					
3. Generator's Mailing Address: OHM HOLDINGS, LLC W229N2494 HWY F WAUKESHA, WI 53186			Generator's Site Address (if different than mailing): OHM HOLDINGS, LLC W229N2494 HWY F WAUKESHA, WI 53186 WAUKESHA			A. Manifest Number WMNA					
4. Generator's Phone 262-588-9847						B. State Generator's ID					
5. Transporter 1 Company Name TEAM FISCHER			6. US EPA ID Number			C. State Transporter's ID					
7. Transporter 2 Company Name			8. US EPA ID Number			D. Transporter's Phone					
9. Designated Facility Name and Site Address ORCHARD RIDGE AND METRO			10. US EPA ID Number			E. State Transporter's ID					
						F. Transporter's Phone					
						G. State Facility ID					
						H. State Facility Phone 414-529-6180					
GENERATOR	11. Description of Waste Materials				12. Containers		13. Total	14. Unit	1. Misc. Comments		
	a. TATRACHLOROETHENE CONTAMINATED SOIL				No.	Type	Quantity	Wt./Vol.			
	WM Profile # V126082WI				1						
	b.										
	WM Profile #										
	c.										
WM Profile #											
d.											
WM Profile #											
J. Additional Descriptions for Materials Listed Above				K. Disposal Location							
BILL TO:				Cell		Level					
				Grid							
15. Special Handling Instructions and Additional Information											
Purchase Order #				EMERGENCY CONTACT / PHONE NO.: 262-588-9847							
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.											
Printed Name <i>Kyle Vander Heiden, Agent of Generator</i>				Signature "On behalf of"				Month	Day	Year	
								11	8	16	
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials										
	Printed Name <i>DARRELL SWITCH 102</i>				Signature <i>Darrell Switch</i>				Month	Day	Year
									11	8	16
FACILITY	18. Transporter 2 Acknowledgement of Receipt of Materials										
	Printed Name				Signature				Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.											
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.											
Printed Name <i>[Signature]</i>				Signature <i>[Signature]</i>				Month	Day	Year	
								11	8	16	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY

Driver's Signature



12894705

Orchard Ridge RDF
W124 N9355 Boundary Road
Menomonee Falls, WI, 53051
Ph: (262) 253-8620

Original
Ticket# 1497603

Customer Name ENVIROFORSIC ENVIROFORENSICS Carrier OHM OHM
Ticket Date 11/08/2016 Vehicle# 78
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0004889
State Waste Code A-24-06 Gen EPA ID
Manifest NA
Destination Grid
RD
Profile V126082WI (TETRACHLOROETHENE CONTAMINATED SOIL)
Generator 136-OHM HOLDINGS OHM HOLDINGS

Volume

Time
In 11/08/2016 08:40:30
Out 11/08/2016 08:50:50



Inbound Gross 73740 lb
Tare 30580 lb
Net 43160 lb
Tons 21.58

Comments

WASTE MANAGEMENT

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spwaste VOC-Tons-S	100	21.58	Tons				WI
2 FUEL-Fuel Surcharg	100		%				WI
3 EVF-L-Standard Env	100	1	Load				WI

Total Tax
Total Ticket



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	1			
3. Generator's Mailing Address: OHM HOLDINGS, LLC W229N2494 HWY F WAUKESHA, WI 53186		Generator's Site Address (if different than mailing): OHM HOLDINGS, LLC W229N2494 HWY F WAUKESHA, WI 53186 WAUKESHA		A. Manifest Number WMNA				
4. Generator's Phone 262-588-9847				B. State Generator's ID				
5. Transporter 1 Company Name MML 78		6. US EPA ID Number		C. State Transporter's ID				
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone				
9. Designated Facility Name and Site Address ORCHARD RIDGE AND METRO		10. US EPA ID Number		E. State Transporter's ID				
				F. Transporter's Phone				
				G. State Facility ID				
				H. State Facility Phone 414-529-6180				
GENERATOR	11. Description of Waste Materials		12. Containers		13. Total Quantity	14. Unit Wt./Vol.	1. Misc. Comments	
	a. TATRACHLOROETHENE CONTAMINATED SOIL		No.	Type				
	WM Profile # V126082WI		1					
	b.							
	WM Profile #							
	c.							
WM Profile #								
d.								
WM Profile #								
J. Additional Descriptions for Materials Listed Above			K. Disposal Location					
BILL TO:			Cell		Level			
			Grid					
15. Special Handling Instructions and Additional Information								
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: 262-588-9847						
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.								
Printed Name <i>Agent of Generator, Kyle Vandenberg</i>		Signature "On behalf of" <i>[Signature]</i>			Month 11	Day 8	Year 13	
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials							
	Printed Name <i>Dorren Humsic</i>		Signature <i>[Signature]</i>			Month 11	Day 8	Year 13
	18. Transporter 2 Acknowledgement of Receipt of Materials		Printed Name			Signature		
FACILITY	19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
	Printed Name <i>[Signature]</i>		Signature <i>[Signature]</i>			Month 11	Day 8	Year 13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



12894707

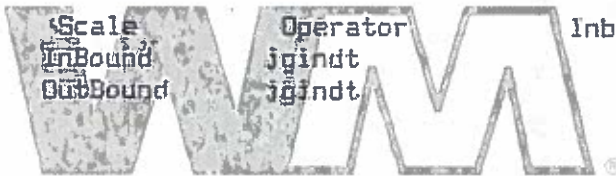
Orchard Ridge RDF
W124 N9355 Boundary Road
Menomonee Falls, WI, 53051
Ph: (262) 253-8620

Original
Ticket# 1497605

Customer Name ENVIROFORNSIC ENVIROFORENSICS Carrier OHM OHM
Ticket Date 11/08/2016 Vehicle# 98
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0004889
State Waste Code A-24-06 Gen EPA ID
Manifest NA
Destination Grid
PD
Profile V126082WI (TETRACHLOROETHENE CONTAMINATED SOIL)
Generator 136-OHM HOLDINGS OHM HOLDINGS

Volume

Time
In 11/08/2016 08:42:51
Out 11/08/2016 08:52:44



Inbound Gross 70920 lb
Tare 28920 lb
Net 42000 lb
Tons 21.00

Comments

WASTE MANAGEMENT

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spwaste VOC-Tons-S	100	21.00	Tons				WI
2 FUEL-Fuel Surcharg	100		%				WI
3 EVF-L-Standard Env	100	1	Load				WI

982016

Total Tax
Total Ticket





NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1
3. Generator's Mailing Address: OHM HOLDINGS, LLC W229N2494 HWY F WAUKESHA, WI 53186	Generator's Site Address (if different than mailing): OHM HOLDINGS, LLC W229N2494 HWY F WAUKESHA, WI 53186 WAUKESHA		A. Manifest Number WMNA
4. Generator's Phone 262-588-9847	B. State Generator's ID 24.00		
5. Transporter 1 Company Name Joan Fischer	6. US EPA ID Number	C. State Transporter's ID	
7. Transporter 2 Company Name	8. US EPA ID Number	D. Transporter's Phone	
9. Designated Facility Name and Site Address ORCHARD RIDGE AND METRO	10. US EPA ID Number	E. State Transporter's ID	
		F. Transporter's Phone	
11. Description of Waste Materials	12. Containers No. Type	13. Total Quantity	14. Unit Wt./Vol.
		I. Misc. Comments	
a. TATRACHLOROETHENE CONTAMINATED SOIL WM Profile # V126082WI	1		
b. WM Profile #			
c. WM Profile #			
d. WM Profile #			
J. Additional Descriptions for Materials Listed Above	K. Disposal Location		
BILL TO:	Cell	Level	
	Grid		
15. Special Handling Instructions and Additional Information			
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: 262-588-9847	
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.			
Printed Name Kyle Vander Heiden, Agent of Generator	Signature "On behalf of" <i>[Signature]</i>	Month 11	Day 8
		Year 16	
17. Transporter 1 Acknowledgement of Receipt of Materials			
Printed Name JRB	Signature <i>[Signature]</i>	Month 11	Day 8
		Year 16	
18. Transporter 2 Acknowledgement of Receipt of Materials			
Printed Name	Signature	Month	Day
		Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.			
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.			
Printed Name <i>[Signature]</i>	Signature <i>[Signature]</i>	Month 11	Day 8
		Year 16	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY

APPENDIX D

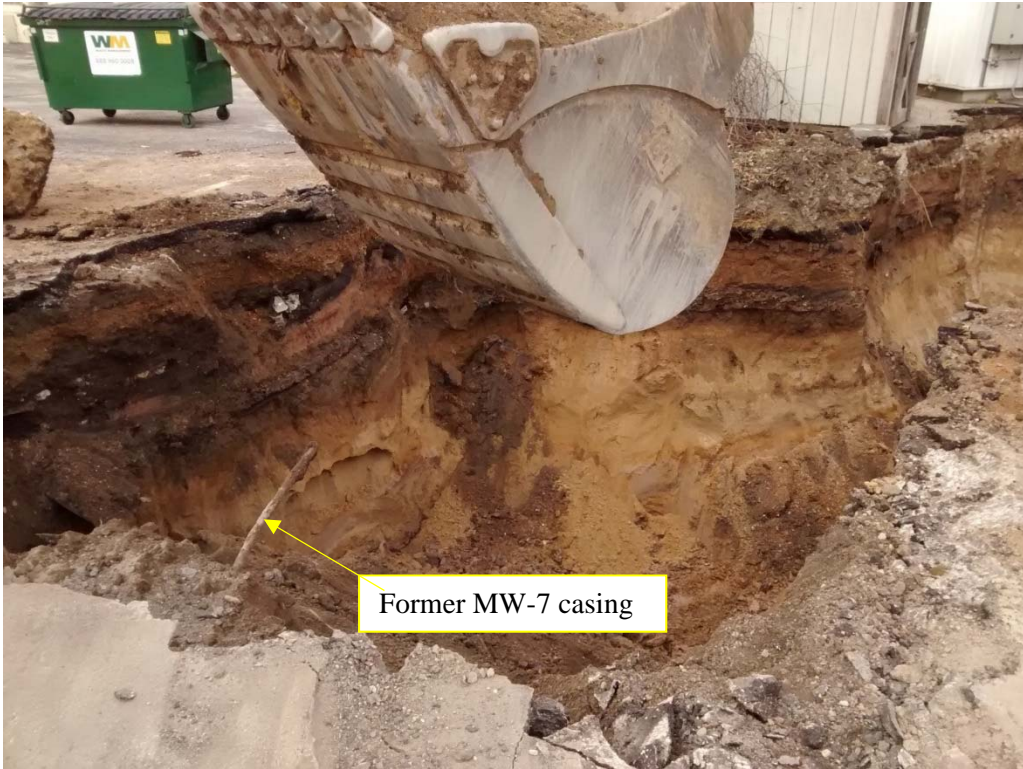
INTERIM ACTION PHOTOGRAPHS



Beginning excavation, facing west



Excavation in progress, facing northwest



Former MW-7 casing

Southern half of excavation, facing north



Foundation for former billboard support post

Southern half of excavation, facing southeast



Northern half of excavation, facing north



Overview of complete excavation, facing northwest



Backfilling in progress, facing northeast



Backfilling complete, facing northeast



Asphalt repaired and re-striped, facing northeast



APPENDIX E

SOIL VAPOR EXTRACTION PILOT STUDY REPORT



SOIL VAPOR EXTRACTION PILOT STUDY REPORT

**ONE HOUR MARTINIZING CLEANERS
285 EAST HAMPTON AVENUE
MILWAUKEE, WISCONSIN
WDNR BRRTS# 02-41-543260**

August 28, 2016

Prepared For:

OHM Holdings, LLC
W229N2494 County Road F
Waukesha, Wisconsin 53186

Prepared By:

Environmental Forensic Investigations, Inc.
N16 W23390 Stone Ridge Drive, Suite G
Waukesha, WI 53188
Phone: (262) 290-4001
www.enviroforensics.com

Collin Martin, PE, CHMM
Senior Engineer

Wayne Fassbender, PG, PMP
Senior Project Manager

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EXECUTIVE SUMMARY.....	E-1
1.0 INTRODUCTION.....	1
2.0 SVE PILOT STUDY ACTIVITIES	2
2.1 SVE Extraction Well and Monitoring Point Installation	2
2.2 SVE Pilot Test Implementation	3
3.0 PILOT STUDY RESULTS	5
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3.2 VOC Mass Removal Rates	5
3.3 Subsurface Vacuum Response.....	6
4.0 CONCLUSIONS AND RECOMMENDATIONS.....	7

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2	SVE Pilot Study Testing Regime
3	SVE Pilot Study System Data
4	SVE Pilot Study Subsurface Data
5	SVE Pilot Study Mass Removal Estimates

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1	Site Location Map
2	Soil Vapor Extraction Pilot Study Layout
3	Process and Instrumentation Legend
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A	Boring Logs
B	Laboratory Report

EXECUTIVE SUMMARY

Environmental Forensic Investigations, Inc. (EnviroForensics) has prepared this *Soil Vapor Extraction Pilot Study Report* on behalf of OHM Holdings, LLC for the One Hour Martinizing (OHM) facility located at 285 East Hampton Avenue in Milwaukee, Wisconsin (Site). The Site operates as a drop off location for clothes dry cleaned elsewhere.

A soil vapor extraction (SVE) pilot study has been performed to identify the feasibility of SVE for remediation of unsaturated soils impacted by dry cleaning solvents at the Site. The stated objectives upon implementation were to:

- Measure vacuum conditions in the subsurface via monitoring points while inducing a vacuum in an SVE extraction well;
- Assess the effectiveness of the pilot SVE system by monitoring changes in subsurface vacuum over the duration of the pilot test;
- Determine radius of influence (ROI) value for the SVE extraction well; and
- Measure the mass removal rates of dry cleaning solvents.

One (1) SVE pilot study extraction well (SVE-1) and two (2) vacuum monitoring points were installed for pilot study purposes. However, vacuum could not be applied to the subsurface due to significant groundwater upwelling in SVE-1. Therefore, the SVE equipment was instead connected to existing monitoring well MW-8 for extraction. Applied vacuum incrementally increased during testing to gauge subsurface response to applied vacuum. Applied vacuums, subsurface vacuums, extraction flow rates, and extraction air contaminant concentrations were monitored during testing. Existing shallow groundwater monitoring wells were also monitored for vacuum response during testing.

The number of existing monitoring points near MW-8 was limited, with no monitoring point closer than 35 feet. Measureable vacuum was only observed in two (2) monitoring points, which precluded an estimation of the ROI. However, pilot study data and observations indicated vacuum propagation in the subsurface at least 39 feet from MW-8. Problems with groundwater upwelling indicate that vertically applied SVE is not practical. However, SVE applied via shallow horizontal wells may be a feasible remedial alternative for unsaturated soils at the Site.

1.0 INTRODUCTION

Environmental Forensic Investigations, Inc. (EnviroForensics) has prepared this *Soil Vapor Extraction Pilot Study Report* on behalf of OHM Holdings, LLC for the One Hour Martinizing (OHM) facility located at 285 East Hampton Avenue in Milwaukee, Wisconsin (Site). The general Site location is depicted on **Figure 1**. The primary contaminants of concern at the Site are tetrachloroethene (PCE) and intermediate products of the natural degradation of PCE, including: trichloroethene (TCE); dichloroethene (DCE); and vinyl chloride (VC). Petroleum volatile organic compounds (PVOCs) have also been detected at the Site due to the former use of the property as a gasoline service station.

The layout of the Site, including Site features and the surrounding area, is depicted on **Figure 2**. The Site was operated as a gasoline service station from 1953 to 1979, and an active dry cleaning facility from 1980 until 2007, when active dry cleaning was discontinued. Several underground storage tanks were removed in the early 1990s, and a remediation system for petroleum contamination operated for several years. Since 2007, the 2,500 square foot, concrete slab-on-grade commercial building has been utilized as a drop off and pick-up location for clothes dry cleaned elsewhere. The Site is bound by East Hampton Avenue to the north; North Santa Monica Boulevard to the east and commercial properties to the west and south. A gasoline service station (formerly Harder's Service) is located to the east of the Site across Santa Monica Boulevard and Clark Service Station is located to the south.

The geological profile at the Site consists of a fine-grained silty sand to approximately 12 feet below ground surface (bgs). A denser silt and clay unit was observed from 12 to approximately 34 feet bgs, the maximum depth investigated. A more heterogenous geologic profile was observed in borings on the southern portion of the investigated area. Interbedded layers of clay, silt, sand, and gravel were observed from the surface to the depth of the clay at 20 feet bgs. An approximately 2 to 4-foot thick layer of anthropogenic subgrade fill is present below the Site building and off-site paved areas to the south and west. The water table is generally encountered at approximately 9 feet bgs; however, the water table has been observed to fluctuate between a depth of 6 and 13 feet bgs. The direction of groundwater flow is consistently toward the north with a westerly component at the northern Site boundary.

2.0 SVE PILOT STUDY ACTIVITIES

Pilot study activities performed include SVE well and monitoring point installation, SVE pilot testing, and analysis of the SVE pilot test data. This section provides a summary of the SVE field activities performed.

2.1 SVE Extraction Well and Monitoring Point Installation

On June 23, 2016, EnviroForensics directed the installation of one (1) SVE pilot study extraction well (SVE-1), and two (2) vacuum monitoring points (VP-1 and VP-2). The locations of the SVE extraction well and vacuum monitoring points are depicted on **Figure 2**. The extraction well was installed using hollow-stem auger drilling methods with 6.25-inch ID augers. The monitoring points were installed using 4.25-inch ID augers.

SVE-1 was constructed of 4-inch diameter schedule 40 PVC, with a 0.020-inch slot Vee-Wire[®] screen from 4 to 7 feet bgs. A filter pack consisting of coarse sand was installed from the bottom of the borehole to 3.5 feet bgs. Hydrated bentonite chips were installed above the filter pack to within 1 foot of the ground surface. The SVE extraction well was finished at grade with a flush-mount, steel vault set in a concrete pad.

The two (2) vacuum monitoring points were installed to measure applied vacuum in the subsurface. Each monitoring point was constructed with 1-inch diameter, schedule 40 PVC, 0.010-inch slotted well screen, and coarse sand filter pack. The screened interval for both monitoring points was 6 to 7 feet bgs. A filter pack was installed from the bottom of each borehole to 5.5 feet bgs. Hydrated bentonite chips were installed above the filter pack to within 1 foot of the ground surface. The vacuum monitoring points were finished at grade with flush-mount, steel vaults set in a concrete pad.

In addition to the SVE extraction wells and VP points, existing groundwater monitoring wells MW-2, MW-3, MW-7, W-13, and MW-13 were utilized during the pilot test to gauge vacuum influence in the surrounding area. These consisted of 2-inch diameter PVC wells with 10-foot screened intervals and total depths ranging from approximately 13 to 16 feet bgs. Monitoring wells MW-2, MW-3, and W-13 were previously used as vapor extraction wells as part of a remediation system for petroleum impacts at the Site. These wells were connected to the former remediation system via subsurface piping.

A summary of construction information for the SVE extraction wells and vacuum monitoring points, as well as other existing monitoring wells used during the pilot study, is provided in **Table 1**. Boring logs for the existing monitoring wells and soil borings within the study area are provided in **Appendix A**.

2.2 SVE Pilot Test Implementation

SVE pilot testing was performed on June 30 and July 1, 2016 using a mobile, positive displacement blower capable of producing a flow rate of 857 actual cubic feet per minute (ACFM) at 15 inches of mercury (inHg). The vacuum system was piped to the SVE extraction well using 2-inch suction hose. A generalized process and instrumentation diagram for the extraction system is depicted on **Figures 3** and **4**.

The SVE-1 test was conducted for approximately 2 hours. Significant groundwater upwelling occurred, and after approximately 30 minutes the screened interval of SVE-1 was saturated and vacuum could not be applied to the subsurface. Therefore, the SVE equipment was instead connected to existing monitoring well MW-8 for extraction. Groundwater was also removed while extracting from MW-8; however, vacuum could be measured at nearby monitoring points. The MW-8 test was conducted for approximately 3.5 hours and consisted of three steps (steps 1 through 3), with applied vacuum and flow rate varied for each step by adjusting the variable frequency drive (VFD) that controlled the blower. System vacuum, as measured at the air-water separator, was adjusted during each step at 5, 10, and 13 inHg, which corresponded to applied vacuums at the MW-8 wellhead of 4.5, 7.3, and 9.8 inHg. A summary of each step and the recorded vacuum is included in **Table 2**.

During each step, volumetric flow rates, applied vacuums, recorded vacuums, and influent air total volatile organic compound (VOC) concentrations were monitored at fixed intervals. Influent flow rates were monitored using an anemometer. Applied vacuum to the extraction well, as well as subsurface vacuums at the monitoring points, were measured using a hand-held digital manometer. Site groundwater levels were evaluated prior to testing to confirm that vacuum monitoring point screens were exposed above the water table, to ensure the vacuum measurements collected represented unsaturated soil conditions.

Effluent air samples were field-screened using a photoionization detector (PID) for the presence of VOCs. Effluent air samples were also collected from a sampling port using laboratory-supplied vacuum canisters, which were submitted to Envision Air Laboratories in Indianapolis,



Indiana for analysis of select VOCs according to United States (U.S.) Environmental Protection Agency (EPA) Method TO-15. The TO-15 samples were collected at the end of steps 2 and 3.

3.0 PILOT STUDY RESULTS

Pilot study data was analyzed to determine the following parameters:

1. System flow rates
2. VOC mass removal rates
3. Subsurface vacuum response

Vacuum, flow rate, and PID data collected at the remediation system during testing are presented in **Table 3** and graphically depicted on **Chart 1**. Subsurface vacuum data is presented in **Table 4** and graphically depicted on **Chart 2**. No measurable subsurface moisture was collected during testing.

3.1 System Flow Rates

System flow rates varied from a minimum of 10 standard cubic feet per minute (SCFM) during Step 1 at an applied vacuum of 5 in Hg to a maximum of 240 SCFM during Step 3 at an applied vacuum of 13 inHg. A summary of the flow rates is presented in **Table 3** and graphically depicted in **Chart 1**.

3.2 VOC Mass Removal Rates

Effluent air samples were collected during steps 2 and 3 of the test while extracting from MW-8. No sample was collected during step 1. PCE and TCE were detected in both samples. PCE concentrations ranged from 4,770 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) during Step 3 to 23,200 $\mu\text{g}/\text{m}^3$ during Step 2. TCE concentrations ranged from 77.4 $\mu\text{g}/\text{m}^3$ during Step 2 to 271 $\mu\text{g}/\text{m}^3$ during Step 3. A copy of the laboratory analytical report is provided in **Appendix B** and the results are summarized on **Table 5**.

The total VOC mass removed during steps 2 and 3 of both the shallow and deep well tests was 0.01 pounds. Coupling effluent vapor concentrations with the effluent flow rates over the test duration for each period indicates that the VOC mass removal rate would be approximately 37 pounds per year during full-scale system operation. However, the applied vacuum may not reach all impacted areas based on the irregular subsurface response observed during the pilot study. A summary of effluent concentrations and calculated mass removal rates is provided in **Table 5**.

3.3 Subsurface Vacuum Response

Subsurface vacuum response versus time for each monitoring point is graphically depicted in **Chart 2** and tabulated in **Table 4**. Measureable vacuum was not observed during any of the test steps at five (5) of the seven (7) monitoring points located between 65 and 98 feet from MW-8. A maximum observed monitoring point influence of 0.87 inches of water (in-H₂O) vacuum was detected during Step 3 at monitoring well MW-7, approximately 39 feet away from MW-8. Monitoring points MW-2 and MW-7, which are located at similar distances from MW-8 (36 and 39 feet, respectively) exhibited different magnitudes in response during each step. These data demonstrate the non-uniform vacuum propagation due to variations in lithology and/or subsurface features including horizontal piping that passes by MW-2.

An ROI for the MW-8 test could not be calculated due to limited data. If additional monitoring points were located closer to MW-8, it is likely that an ROI could have been estimated. However, the fact that measureable vacuum was observed 39 feet from the extraction well indicates a successful subsurface response.

4.0 CONCLUSIONS AND RECOMMENDATIONS

An ROI could not be determined due to the limited number of vacuum monitoring points near the alternate extraction well (MW-8). Additionally, heterogeneity of the subsurface lithology and subsurface features including utility lines may have affected vacuum propagation. However, pilot study data and observations indicated a vacuum response at least 39 feet from MW-8. Problems with groundwater upwelling indicate that vertically applied SVE is not a practical option; however, SVE applied via shallow horizontal wells may be a feasible remedial alternative for unsaturated soils at the Site.

TABLES

TABLE 1
Monitoring Point Construction Information
Soil Vapor Extraction Pilot Study Report
 One Hour Martinizing - Hampton Avenue
 Milwaukee, Wisconsin
 WDNR BRRTS No. 02-41-543260

Monitoring Point I.D.	Date Installed	Drilling Method	Well Diameter (inches)	Screened Interval (feet bgs)
MW-8	5/30/2013	Hollow Stem Auger	2	6-16
VP-1	6/23/2016	Hollow Stem Auger	1	6-7
VP-2	6/23/2016	Hollow Stem Auger	1	6-7
W-13	--	Hollow Stem Auger	2	3-13
MW-13	11/3/2014	Hollow Stem Auger	2	5.5-15.5
MW-3	--	Hollow Stem Auger	2	3.5-13.5
MW-7	5/31/2013	Hollow Stem Auger	2	6.4-16.4
MW-2	--	Hollow Stem Auger	2	4-14

bgs = below ground surface

TABLE 2
SVE Pilot Study Testing Regime
Soil Vapor Extraction Pilot Study Report
 One Hour Martinizing - Hampton Avenue
 Milwaukee, Wisconsin
 WDNR BRRTS No. 02-41-543260

Step	Time Start	Time Stop	Hour Start	Hour Stop	Step Duration (hours)	System Vacuum (inHg)	Wellhead Vacuum (inHg)
1	6/30/2016 15:50	6/30/2016 16:50	0.0	1.0	1.0	5	4.5
2	6/30/2016 16:50	6/30/2016 17:20	1.0	1.5	1.2	10	7.3
	7/1/2016 08:00	7/1/2016 08:45	1.5	2.2			
3	7/1/2016 08:45	7/1/2016 09:45	2.2	3.2	1.0	13	9.8

TABLE 3
SVE Pilot Study System Data
Soil Vapor Extraction Pilot Study Report
 One Hour Martinizing - Hampton Avenue
 Milwaukee, Wisconsin
 WDNR BRRTS No. 02-41-543260

Step	Date and Time	Test Hour	System Influent Vacuum (inHg)	System Effluent Flow Rate (SCFM)	System Effluent Temperature (°C)	System Effluent VOC Concentration (ppm)
1	6/30/16 16:05	0.3	5	10	43	17.1
	6/30/16 16:20	0.5	5	10	43	15.9
	6/30/16 16:35	0.8	5	10	43	14.4
2	6/30/16 16:50	1.0	10	50	60	5.5
	6/30/16 17:05	1.3	10	50	63	5.4
	6/30/16 17:20	1.5	10	50	63	5.9
	7/1/16 8:00	1.5	10	50	63	5.7
	7/1/16 8:15	1.7	10	50	63	5.7
	7/1/16 8:30	2.0	10	50	63	5.6
3	7/1/16 8:45	2.3	13	240	66	6.9
	7/1/16 9:00	2.5	13	240	79	6.2
	7/1/16 9:15	2.7	13	240	79	6.0
	7/1/16 9:30	3.0	13	240	82	6.0
	7/1/16 9:45	3.2	13	240	85	6.0

inHg = vacuum in inches of mercury (measured at air-water separator)

CFM = cubic feet per minute

ppm = parts per million by volume

VOC = Volatile organic compound

TABLE 4
SVE Pilot Study Subsurface Data
Soil Vapor Extraction Pilot Study Report
 One Hour Martinizing - Hampton Avenue
 Milwaukee, Wisconsin
 WDNR BRRTS No. 02-41-543260

Step	Date and Time	Effluent Flow Rate (SCFM)	Test Hour	MW-8	VP-1	VP-2	W-13	MW-13	MW-3	MW-7	MW-2
Distance from MW-8 (feet)				0	85	98	95	88	65	39	36
1	6/30/16 16:05	10	0.3	4.343	0.00	0.00	0.00	0.00	0.00	0.31	0.00
	6/30/16 16:20	10	0.5	4.504	0.00	0.00	0.00	0.00	0.00	0.31	0.00
	6/30/16 16:35	10	0.8	4.658	0.00	0.00	0.00	0.00	0.00	0.31	0.00
2	6/30/16 16:50	50	1.0	7.322	0.00	0.00	0.00	0.00	0.00	0.46	0.10
	6/30/16 17:05	50	1.3	7.308	0.00	0.00	0.00	0.00	0.00	0.47	0.11
	6/30/16 17:20	50	1.5	7.343	0.00	0.00	0.00	0.00	0.00	0.47	0.11
	7/1/16 8:00	50	1.5	--	--	--	--	--	--	--	--
	7/1/16 8:15	50	1.7	7.309	0.00	0.00	0.00	0.00	0.00	0.45	0.11
	7/1/16 8:30	50	2.0	7.317	0.00	0.00	0.00	0.00	0.00	0.46	0.11
3	7/1/16 8:45	240	2.3	--	--	--	--	--	--	--	--
	7/1/16 9:00	240	2.5	9.703	0.00	0.00	0.00	0.00	0.00	0.86	0.16
	7/1/16 9:15	240	2.7	9.866	0.00	0.00	0.00	0.00	0.00	0.87	0.16
	7/1/16 9:30	240	3.0	9.704	0.00	0.00	0.00	0.00	0.00	0.87	0.17
	7/1/16 9:45	240	3.2	9.819	0.00	0.00	0.00	0.00	0.00	0.87	0.17
Maximum vacuum:				9.87	0.00	0.00	0.00	0.00	0.00	0.87	0.17

All values are vacuum readings, in units of inches water column; except for MW-8 is in units of inches of mercury
 SCFM = standard cubic feet per minute

TABLE 5
SVE Pilot Study Mass Removal Estimates
Soil Vapor Extraction Pilot Study Report
 One Hour Martinizing - Hampton Avenue
 Milwaukee, Wisconsin
 WDNR BRRTS No. 02-41-543260

Step 2; Sample SVE-1-3; Flow rate = 50 SCFM; Duration = 1.2 Hours					
Analyte	Concentration ($\mu\text{g}/\text{m}^3$)	Removal Rate (lb/hour)	Removal Rate (lb/year)	Removal Rate (tons/year)	Mass Removed (lb)
Tetrachloroethene	22,300	0.00418	36.6	0.018	0.00501
Trichloroethene	77.4	0.00001	0.1	0.0001	0.00002
cis-1,2-Dichloroethene	<39.6	< 0.00001	< 0.1	< 0.00005	NA
trans-1,2-Dichloroethene	<39.6	< 0	< 0	< 0	NA
Vinyl Chloride	<6.4	< 0	< 0	< 0	NA

Step 3; Sample SVE-1-4; Flow rate = 240 SCFM; Duration = 1 Hours					
Analyte	Concentration ($\mu\text{g}/\text{m}^3$)	Removal Rate (lb/hour)	Removal Rate (lb/year)	Removal Rate (tons/year)	Mass Removed (lb)
Tetrachloroethene	4,770	0.00429	37.6	0.019	0.00429
Trichloroethene	271	0.00024	2.1	0.0011	0.00024
cis-1,2-Dichloroethene	<39.6	< 0.00004	< 0.4	< 0.0002	NA
trans-1,2-Dichloroethene	<39.6	< 0.00004	< 0.4	< 0.0002	NA
Vinyl Chloride	<6.4	< 0.00001	< 0.09	< 0.00005	NA

Total estimated mass removed during steps 2 and 3 (lb):	0.010
--	--------------

Notes:

Duration = Length of time applied to mass removal estimate

Removal Rate = concentration multiplied by duration

NA = Not Available

Mass Removed = Estimated mass removed through SVE system during representative pilot study periods

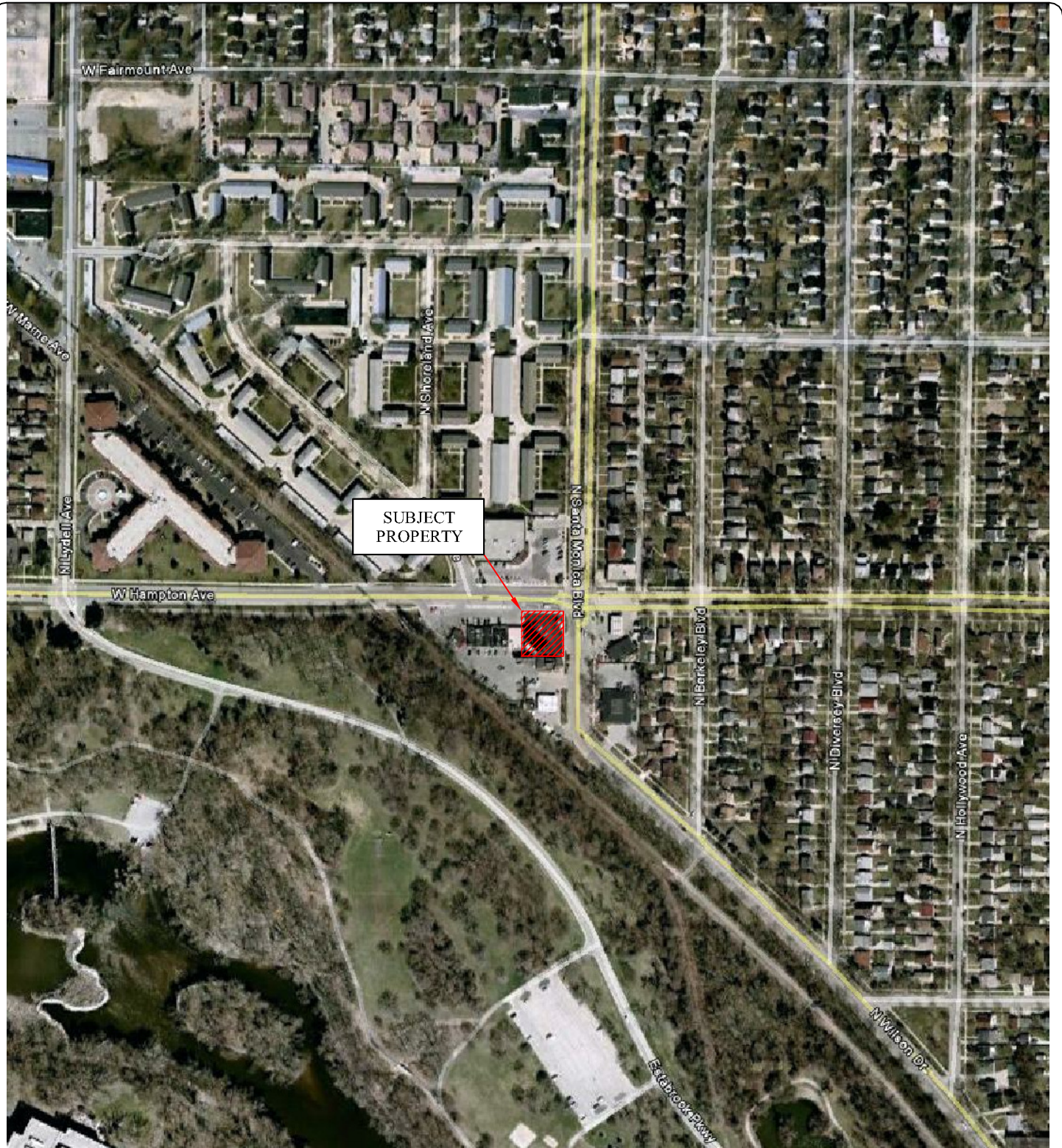
SCFM = Standard cubic feet per minute

μg = microgram

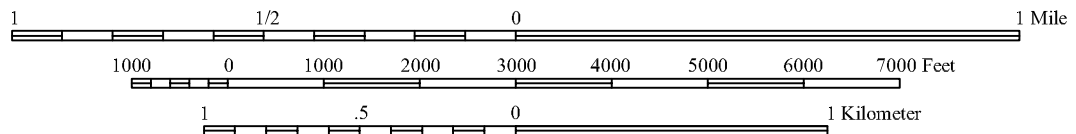
m = meter

lb = pound

FIGURES



Scale 1:24,000



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

No.	Date	Revision	Approved



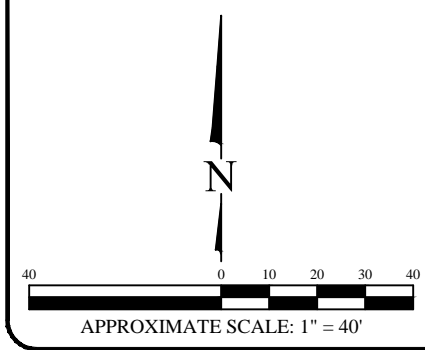
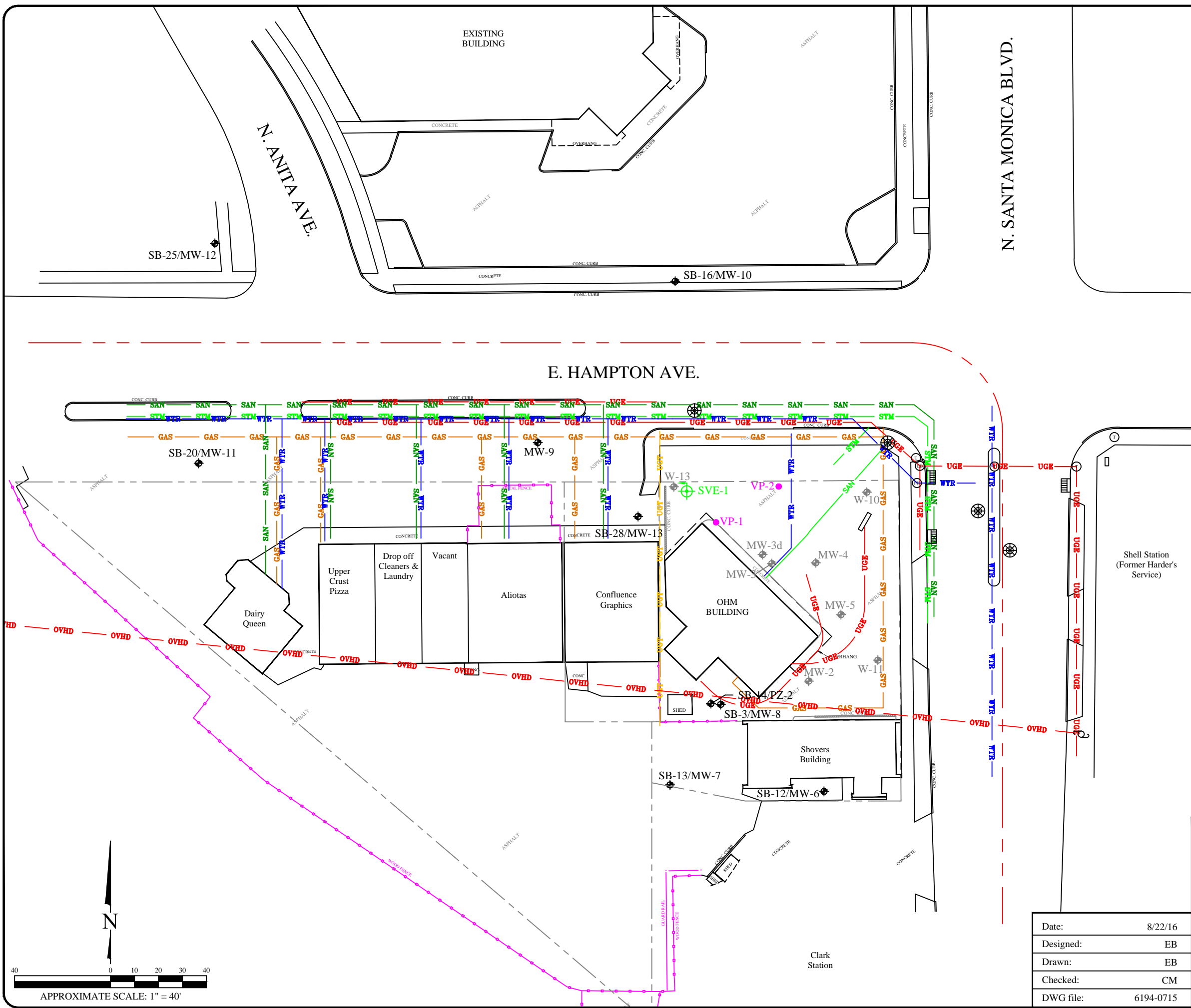
Date:	02/11/11
Designed:	SP
Drawn:	SP
Checked:	JR
DWG file:	61348-10

SITE LOCATION MAP
 One Hour Martinizing Facility
 285 East Hampton Avenue
 Milwaukee, WI

Figure	1
Project	6194

Legend

- Property boundary
- City of Milwaukee/Village Whitefish Bay boundary
- Fence line
- GAS Underground gas utility line
- WTR Underground water utility line
- SAN Underground sanitary utility line
- STM Underground storm utility line
- UGE Underground electrical utility line
- UGT Underground fiber optic line
- Utility Pole
- Catch Basin
- Manhole
- Fire hydrant
- Electrical box
- MW-1 Monitoring Well
- MW-1 Monitoring Well (By Others)
- SVE-1 Extraction well
- VP-1 Vacuum monitoring point



SOIL VAPOR EXTRACTION PILOT TEST STUDY LAYOUT One Hour Martinizing Facility 285 East Hampton Avenue Milwaukee, Wisconsin											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Date:</td><td>8/22/16</td></tr> <tr><td>Designed:</td><td>EB</td></tr> <tr><td>Drawn:</td><td>EB</td></tr> <tr><td>Checked:</td><td>CM</td></tr> <tr><td>DWG file:</td><td>6194-0715</td></tr> </table>	Date:	8/22/16	Designed:	EB	Drawn:	EB	Checked:	CM	DWG file:	6194-0715	ENVIRONMENTAL FORENSIC INVESTIGATIONS, INC. 602 N. Capitol Ave., Ste. 210 • Indianapolis, IN 46204 EnviroForensics.com
Date:	8/22/16										
Designed:	EB										
Drawn:	EB										
Checked:	CM										
DWG file:	6194-0715										
Figure 2											
Project 6194											

CHARTS

CHART 1
Extraction Regime and Organic Vapor Concentrations
Soil Vapor Extraction Pilot Study Report
 One Hour Martinizing - Hampton Avenue
 Milwaukee, Wisconsin
 WDNR BRRTS No. 02-41-543260

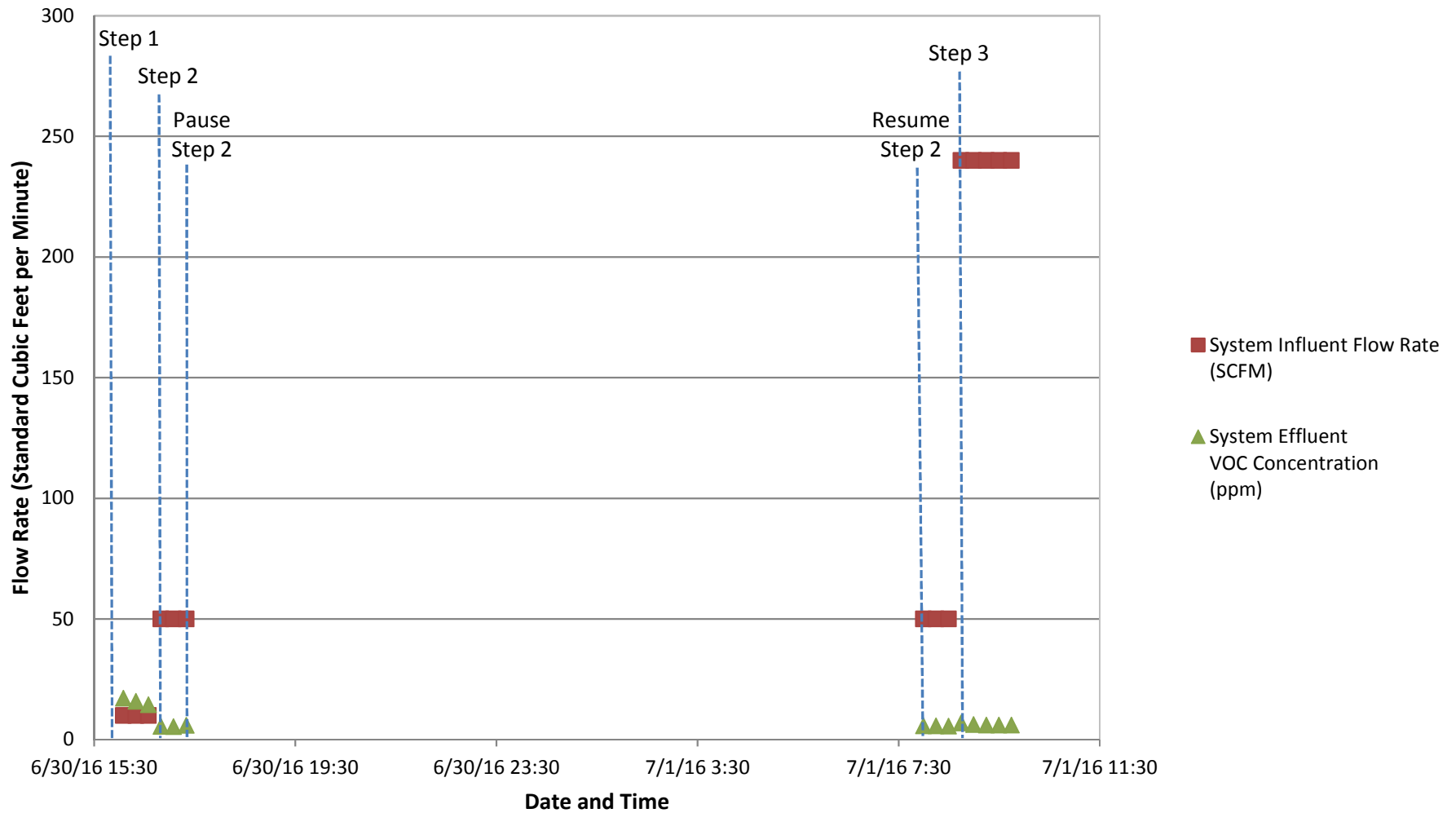
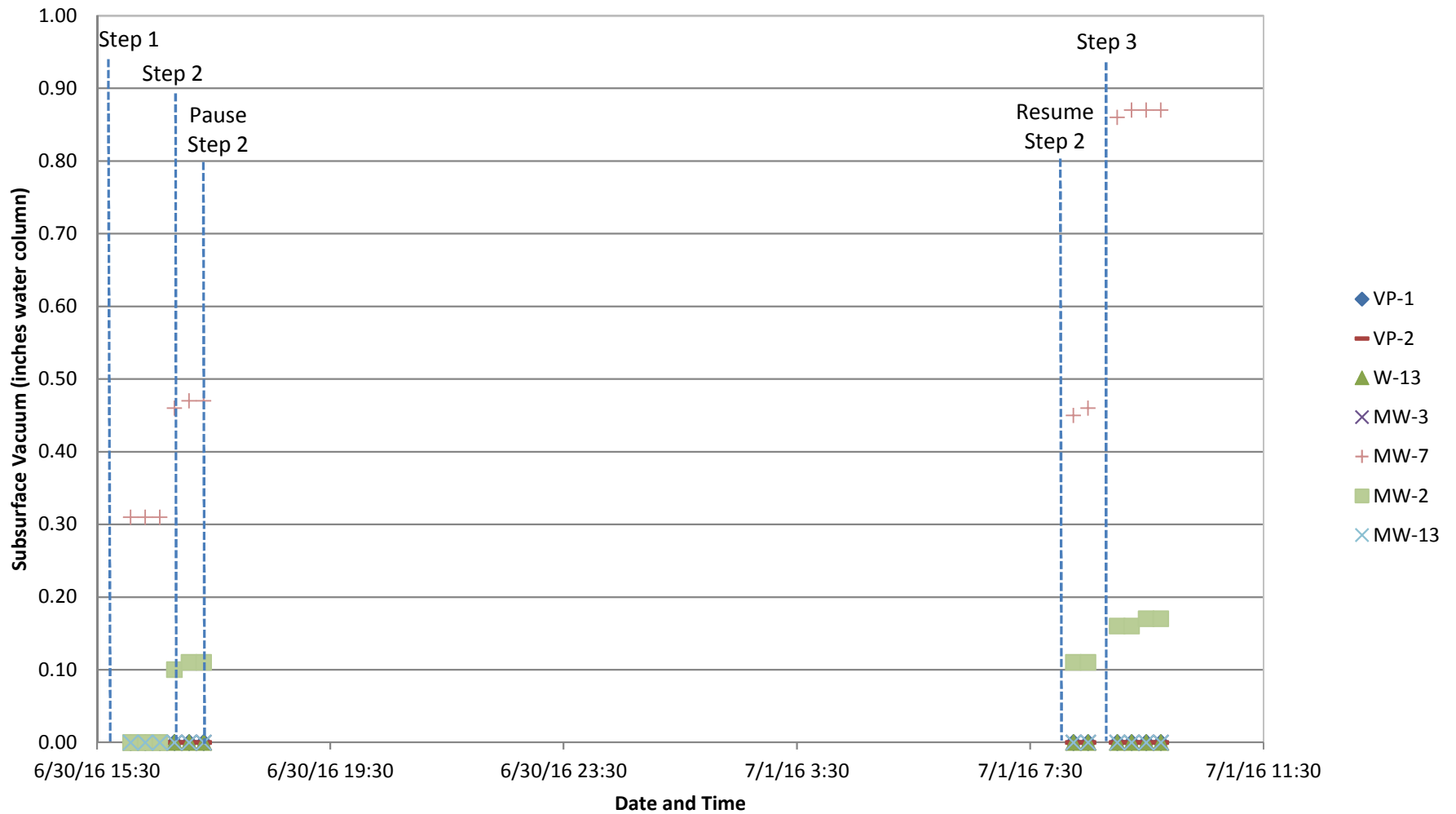


CHART 2
Subsurface Vacuum Data
Soil Vapor Extraction Pilot Study Report
 One Hour Martinizing - Hampton Avenue
 Milwaukee, Wisconsin
 WDNR BRRTS No. 02-41-543260



APPENDIX A

Boring Logs

Route To: Watershed/Wastewater Waste Management
Remediation/Revelpment [x] Other

Page 1 of 1

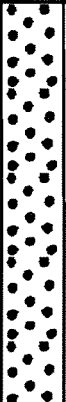

Facility/Project Name OHM-Hampton			License/Permit/Monitoring Number		Boring Number SB-3
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Rob Last Name: Mores Firm: Enviro-Dynamics			Date Drilling Started 9/ 1/ 010 m m / d d / y y y y	Date Drilling Completed 9/ 1/ 010 m m / d d / y y y y	Drilling Method Direct Push
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2.25 inches
Local Grid Origin <input type="checkbox"/> (estimated: [x]) or Boring Location [x] State Plane N, E			Lat 43° 6 ' 12.92	Local Grid Location <input checked="" type="checkbox"/> N <input type="checkbox"/> E Feet <input type="checkbox"/> S Feet [x] W	
1/4 of 1/4 of Section , T N, R		Long 87° 54 ' 27.01			
Facility ID 6194		County MILWAUKEE	County Code 41	Civil Town/City/ or Village Whitefish Bay	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
Soil (4-6)			0.0 - 4.0	(0.0'-4') NO RECOVERY	NR										
			4.0 - 8.0	(4'-8') SILTY SAND(MLS): Brownish Orange, fine Sand, little Silt, slightly dense, soft, poorly graded, moist.	MLS			2.1							
			8.0 - 13.0	(8'-13') SAND(SP): Reddish Gray, medium Sand, little Clay, trace fine gravel, loose, soft, uniform, slightly wet @ 8.5.	SP			0.8							

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

Signature	Firm
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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 used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Sample		Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			9 10 11 12 13 14 15 16	13.0 - 15.0 (13'-15') GRAVEL(GPS): Gray, small to medium Gravel, little coarse to fine Sand, little Clay, loose, uniform, wet.	GPS			1.3						
				15.0 - 16.0 (15'-16') CLAY(CL): Reddish White, Clay, trace of fine to medium Sand, dense, stiff, non plastic, uniform, slightly moist.	CL			0.7						

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

Facility/Project Name One Hour Martinizing Hampton Road		License/Permit/Monitoring Number 02-41-543260		Boring Number SB-12	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental		Date Drilling Started 5/31/2013		Date Drilling Completed 5/31/2013	
WI Unique Well No.	DNR Well ID No.	Common Well Name MW-6	Final Static Water Level 634.3 Feet MSL	Surface Elevation 643.5 Feet MSL	Borehole Diameter 2.3 inches

Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/>	State Plane 409,194 N, 2,558,832 E <input checked="" type="checkbox"/> C/N	Lat _____ ° _____ ' _____ "	Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W
1/4 of _____	1/4 of Section _____, T _____ N, R _____	Long _____ ° _____ ' _____ "	Feet _____ Feet _____

Facility ID 241176650	County Milwaukee	County Code	Civil Town/City/ or Village Milwaukee
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Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
SS	48		0-1	(0'-0.25') TOPSOIL (NA): Topsoil cover.	NA										
			1-4	(0.25'-5') FILL: FILL material, Sand and Gravel mix.				0.0							
SS	48		4-5					0.0							
			5-8	(5'-11') SILT (ML): Gray SILT, trace fine Sand, medium stiff, slightly moist. Saturated at 9'.	ML										
SS	48		8-11												
			11-12	(11'-13.5') SILT (ML): Brownish Gray SILT, trace fine grained Sand, loose, moist.	ML										

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

Signature	Firm EnviroForensics N16 W23390 Stone Ridge Dr, Suite G Waukesha, WI 53188	Tel: 414-982-3988 Fax: 317-972-7875
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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 used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

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

Facility/Project Name One Hour Martinizing Hampton Road		License/Permit/Monitoring Number 02-41-543260		Boring Number SB-13	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental		Date Drilling Started 5/31/2013		Date Drilling Completed 5/31/2013	
WI Unique Well No.	DNR Well ID No.	Common Well Name MW-7	Final Static Water Level 634.5 Feet MSL	Surface Elevation 643.3 Feet MSL	Borehole Diameter 2.3 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane 409,197 N, 2,558,768 E <input checked="" type="checkbox"/> C/N		Lat _____ ° _____ ' _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of _____ 1/4 of Section _____, T _____ N, R _____		Long _____ ° _____ ' _____ "		Feet _____ Feet _____	
Facility ID 241176650		County Milwaukee	County Code	Civil Town/City/ or Village Milwaukee	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
SS	48		0-1	(0'-0.25') ASPHALT (AS): Black ASPAHLT cover.	AS										
			1-4	(0.25'-4') FILL: FILL material.				0.0							
SS	48		4-5	(4'-5.5') CLAY (CL): Dark Brown CLAY, trace Silt, stiff, slightly moist.	CL			0.0							
			5-6	(5.5'-8')SAND (SP): Brown SAND, fine grained SAND, trace Silt, loose, moist.	SP			0.3							
SS	48		8-9	(8'-11') SILT (ML): Gray SILT, trace fine Sand, medium stiff, slightly moist. Saturated at 9'.	ML			0.7							
			9-11		MLS										

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

Signature	Firm EnviroForensics N16 W23390 Stone Ridge Dr, Suite G Waukesha, WI 53188	Tel: 414-982-3988 Fax: 317-972-7875
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Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other


Facility/Project Name One Hour Martinizing Hampton Road		License/Permit/Monitoring Number 02-41-543260		Boring Number SB-14	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental		Date Drilling Started 5/30/2013		Date Drilling Completed 5/30/2013	
WI Unique Well No.	DNR Well ID No.	Common Well Name PZ-2	Final Static Water Level 633.5 Feet MSL	Surface Elevation 643.4 Feet MSL	Borehole Diameter 2.3 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane 409,231 N, 2,558,785 E <input checked="" type="checkbox"/> C/N		Lat _____ ° _____ ' _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of _____ 1/4 of Section _____, T _____ N, R _____		Long _____ ° _____ ' _____ "		Feet _____ Feet _____	
Facility ID 241176650		County Milwaukee	County Code	Civil Town/City/ or Village Milwaukee	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
SS	48		0	(0'-0.25') ASPHALT (AS): Black ASPAHLT cover.	AS									
			1	(0.25'-0.5') FILL: FILL material.	CL									
			2	(0.5'-2') CLAY (CL): Brown CLAY, trace fine Sand and Gravel, medium stiffness, slightly moist.	CL			5.2						
			3	(2'-2.5') Silty SAND (SP): Brownish Black Silty SAND, loose, moist.	SP									
			4	(2.5'-3.75') SILT (ML): Reddish Brown SILT, slightly stiff, moist.	ML									
SS	48		5	(3.75'-7.75') SAND (SP): Reddish Brown SAND, fine grains, loose, moist.	SP			25.2						
			6											
			7					8.1						
			8	(7.75'-9.5') SILT (ML): Reddish Brownish SILT, slightly stiff, moist.	ML									
			9											
			10	(9.5'-12.5') SAND (SW): Brown SAND, trace Silt and Gravel, loose, slightly moist.	SW			10.2						
			11											
			12											

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




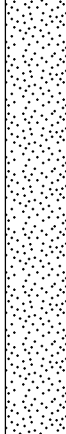
Signature	Firm EnviroForensics N16 W23390 Stone Ridge Dr, Suite G Waukesha, WI 53188	Tel: 414-982-3988 Fax: 317-972-7875
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Boring Number **SB-14** Use only as an attachment to Form 4400-122. Page **3** of **3**

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
SS	24		33 34	(30'-34') Gravelly CLAY (CL): Gray Gravelly CLAY, Gravel is red, large grains, slightly stiff, saturated. <i>(continued)</i>	CL									

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

Facility/Project Name One Hour Martinizing Hampton Road		License/Permit/Monitoring Number 02-41-543260		Boring Number SB-28	
Boring Drilled By: Name of crew chief (first, last) and Firm Dusty Harvey On-Site Environmental		Date Drilling Started 11/3/2014		Date Drilling Completed 11/3/2014	
WI Unique Well No.		DNR Well ID No.		Borehole Diameter 2.3 inches	
Common Well Name MW-13		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane 409,309 N, 2,558,754 E <input checked="" type="checkbox"/> C/N		Lat _____ ° _____ ' _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 5, T 7 N, R 22 E		Long _____ ° _____ ' _____ "		Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W	
Facility ID 241176650		County Milwaukee		County Code 41	
				Civil Town/City/ or Village Milwaukee	

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					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
27			1	ASPHALT										
			2	FILL: brown, Sand AND Gravel										
			4	SAND: brown / tan, SOME silt, fine to medium grained, loose										
47			5											
			8	SAND: tan, fine grained, FEW silt, saturated										
23			10											

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

Signature	Firm Enviro Forensics	Tel: Fax:
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APPENDIX B

Laboratory Report



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

Mr. Collin Martin
Enviroforensics
602 N. Capitol Ave.
Suite 210
Indianapolis, IN 46204

July 18, 2016

EnvisionAir Project Number: 2016-407
Client Project Name: 6194

Dear Mr. Martin,

Please find the attached analytical report for the samples received July 5, 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,

A handwritten signature in black ink that reads "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: 6194
Client Project Manager: COLLIN MARTIN
EnvisionAir Project Number: 2016-407

Sample Summary

Canister Pressure / Vacuum

<u>Laboratory Sample Number:</u>	<u>Sample Description:</u>	<u>Matrix:</u>	<u>START</u>	<u>START</u>	<u>End Date</u>	<u>End Time</u>	<u>Date</u>	<u>Time</u>	<u>Canister Pressure / Vacuum</u>		<u>Lab</u>
			<u>Date</u>	<u>Time</u>					<u>Initial Field</u>	<u>Final Field</u>	
16-1435	6194-SVE-1-3	A	7/1/16	8:50	7/1/16	8:54	7/5/16	15:14	(in. Hg)	(in. Hg)	(in. Hg)
16-1436	6194-SVE-1-4	A	7/1/16	9:38	7/1/16	9:41	7/5/16	15:14	-28	-4	-4



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Client Name: ENVIROFORENSICS

Project ID: 6194

Client Project Manager: COLLIN MARTIN

EnvisionAir Project Number: 2016-407

Analytical Method: TO-15
Analytical Batch: 071416AIR

Client Sample ID: 6194-SVE-1-3

Sample Collection START Date/Time: 7/1/16 8:50

Sample Collection END Date/Time: 7/1/16 8:54

Envision Sample Number: 16-1435

Sample Received Date/Time: 7/5/16 15:14

Sample Matrix: AIR

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
cis-1,2-Dichloroethene	< 39.6	39.6	1
Tetrachloroethene	22,300	1280	3
trans-1,2-Dichloroethene	< 39.6	39.6	1
Trichloroethene	77.4	10.7	1
Vinyl Chloride	< 6.4	6.4	1
4-bromofluorobenzene (surrogate)	90%		
Analysis Date/Time:	7-14-16/16:39		
Analyst Initials	tjg		



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Client Name: ENVIROFORENSICS

Project ID: 6194

Client Project Manager: COLLIN MARTIN

EnvisionAir Project Number: 2016-407

Analytical Method: TO-15
Analytical Batch: 071416AIR

Client Sample ID: 6194-SVE-1-4

Sample Collection START Date/Time: 7/1/16 9:38

Sample Collection END Date/Time: 7/1/16 9:41

Envision Sample Number: 16-1436

Sample Received Date/Time: 7/5/16 15:14

Sample Matrix: AIR

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
cis-1,2-Dichloroethene	< 39.6	39.6	1
Tetrachloroethene	4,770	128	2
trans-1,2-Dichloroethene	< 39.6	39.6	1
Trichloroethene	271	10.7	1
Vinyl Chloride	< 6.4	6.4	1
4-bromofluorobenzene (surrogate)	88%		
Analysis Date/Time:	7-14-16/19:24		
Analyst Initials	tjg		

TO-15 Quality Control Data

EnvisionAir Batch Number: 071416AIR

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichloroethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	7-14-16/10:22		
Analyst Initials	tjg		

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D Conc(ppbv)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>RPD</u>	<u>Flag</u>
Vinyl Chloride	9.03	8.79	10	90%	88%	2.7%	
trans-1,2-Dichloroethene	11.2	10.8	10	112%	108%	3.6%	
cis-1,2-Dichloroethene	10.4	9.88	10	104%	99%	5.1%	
Trichloroethene	9.95	9.68	10	100%	97%	2.8%	
Tetrachloroethene	10.7	10.5	10	107%	105%	1.9%	
4-bromofluorobenzene (surrogate)	106%	94%					
Analysis Date/Time:	7-14-16/09:05	7-14-16/09:47					
Analyst Initials	tjg	tjg					



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Flag Number

Comments

- | | |
|---|---|
| 1 | Reported value is from a 10x dilution. TJG 7-18-16 |
| 2 | Reported value is from a 40x dilution. TJG 7-18-16 |
| 3 | Reported value is from a 400x dilution. TJG 7-18-16 |

CHAIN OF CUSTODY RECORD

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

Client: <u>NFO</u>	P.O. Number: <u>2016647</u>
Report Address: <u>602 N. Capitol Ave Indianapolis, IN 46204</u>	Project Name or Number: <u>6194</u>
Report To: <u>Coltin Martin</u>	Sampled by: <u>G. Schacht</u>
Phone: <u>317-614-0594</u>	QA/QC Required: (circle if applicable) Level III <u>Level IV</u>
Invoice Address: <u>SAME</u>	Reporting Units needed: (circle) <u>ug/m³</u> mg/m ³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days <u>Std (5 bus. days)</u>	Media type: 1LC = 1 Liter Canister 6LC = 6 Liter Canister TB = Tedlar Bag TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List

TO-15 Short List



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

www.envision-air.com

Canister Pressure / Vacuum

Air Sample ID	Media Type <small>(see code above)</small>	Coll. Date <small>(Grab/Comp Start)</small>	Coll. Time <small>(Grab/Comp Start)</small>	Coll. Date <small>(Comp. End)</small>	Coll. Time <small>(Comp. End)</small>					Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6194-SVE-1-3	1LC	7-1-16	0850	7-1-16	0854		X			83981		-28	-4	-4	16-1435
6194-SVE-1-4	1LC	7-1-16	0938	7-1-16	0941		X			83943		-29	-4	-4	16-1436

Comments: Samples Collected During Pilot Testing Activities

Relinquished by:	Date	Time	Received by:	Date	Time
<u>G. Schacht</u>	<u>7-5-16</u>	<u>3:14</u>	<u>Blaine Griffin</u>	<u>7/5/16</u>	<u>3:14</u>

APPENDIX F

ERD APPLICATION DESIGN SUMMARY



Project Information			3-D Microemulsion®, BDI® Plus, CRS® Application Design Summary		
One Hour Martinizing Facility Milwaukee, WI (Hamton Ave) Area A - ERD Prepared For: EFI			Area A - ERD		Field App. Instructions
			Application Method	Direct Push	Injection Point Configuration is estimated and may change based on field conditions and/or REGENESIS input.
			Spacing Within Rows (ft)	10	
			Spacing Between Rows (ft)	15	
Application Points	16				
Target Treatment Zone (TTZ) Info	Unit	Value	Application Points	16	Field Mixing Ratios
Treatment Area	ft ²	2,400	Areal Extent (square ft)	2,400	
Top Treat Depth	ft	10.0	Top Application Depth (ft bgs)	10	3DME Concentrate per Pt (lbs)
Bot Treat Depth	ft	20.0	Bottom Application Depth (ft bgs)	20	125
Vertical Treatment Interval	ft	10.0	3DME to be Applied (lbs)	2,000	Mix Water per Pt (gals)
Treatment Zone Volume	ft ³	24,000	3DME to be Applied (gals)	240	172
Treatment Zone Volume	cy	889	3DME Mix %	8%	3DME Mix Volume per Pt (gals)
Soil Type	---	sand	Volume Water (gals)	2,756	187
Porosity	cm ³ /cm ³	0.33	3DME Mix Volume (gals)	2,996	CRS Volume per Pt (gals)
Effective Porosity	cm ³ /cm ³	0.20	CRS to be Applied (lbs)	800	6
Treatment Zone Pore Volume	gals	59,246	CRS Volume (gals)	91	BDI Volume per Pt (L)
Treatment Zone Effective Pore Volume	gals	35,906	BDI Plus to be Applied (L)	16	1.0
Fraction Organic Carbon (foc)	g/g	0.002	BDI Mix Water Volume (gals)	160	Volume per pt (gals)
Soil Weight	lbs	2.6E+06	Total Application Volume (gals)	3,251	203
Hydraulic Conductivity	ft/day	25.0	Estimated Radius of Injection (ft)	5	Volume per vertical ft (gals)
Hydraulic Conductivity	cm/sec	8.82E-03	Prepared by: Doug Davis - Sr. Design Specia		20
Hydraulic Gradient	ft/ft	0.003	Date: 5/25/2018		
GW Velocity	ft/day	0.38	Technical Notes/Discussion		
GW Velocity	ft/yr	137			
Sources of 3-D Microemulsion Demand	Unit	Value	Assumptions/Qualifications		
Dissolved Phase Mass	lbs	0.5	In generating this preliminary estimate, Regenesi relied upon professional judgment and site specific information provided by others. Using this information as input, we performed calculations based upon known chemical and geologic relationships to generate an estimate of the mass of product and subsurface placement required to affect remediation of the site.		
Sorbed Phase Contaminant Mass	lbs	1.9			
Competing Electron Acceptor Mass	lbs	45	REGENESIS developed this Scope of Work in reliance upon the data and professional judgments provided by those whom completed the earlier environmental site assessment(s). The fees and charges associated with the Scope of Work were generated through REGENESIS' proprietary formulas and thus may not conform to billing guidelines, constraints or other limits on fees. REGENESIS does not seek reimbursement directly from any government agency or any governmental reimbursement fund (the "Government"). In any circumstance where REGENESIS may serve as a supplier or subcontractor to an entity which seeks reimbursement from the Government for all or part of the services performed or products provided by REGENESIS, it is the sole responsibility of the entity seeking reimbursement to ensure the Scope of Work and associated charges are in compliance with and acceptable to the Government prior to submission. When serving as a supplier or subcontractor to an entity which seeks reimbursement from the Government, REGENESIS does not knowingly present or cause to be presented any claim for payment to the Government.		
Stoichiometric 3DME Demand	lbs	48			
TTZ Groundwater Mass Flux	L/day	1,062			
CVOC Mass Flux through TTZ	lb/yr	1			
CEA Mass Flux through TTZ	lb/yr	77			
Total Mass Flux through TTZ	lb/yr	78			
Total Mass Flux 3DME Demand	lbs	241			
Application Dosing					
3-D Microemulsion to be Applied	lbs	2,000			
CRS to be Applied	lbs	800			
BDI Plus to be Applied	liters	16			
HRC Primer to be Applied	lbs	0			



Project Information			3-D Microemulsion®, BDI® Plus, CRS® Application Design Summary			
One Hour Martinizing Facility Milwaukee, WI (Hamton Ave) Area B - ERD Prepared For: EFI			Area B - ERD		Field App. Instructions	
			Application Method	Direct Push	Injection Point Configuration is estimated and may change based on field conditions and/or REGENESIS input.	
			Spacing Within Rows (ft)	10		
			Spacing Between Rows (ft)	15		
Application Points	10					
Target Treatment Zone (TTZ) Info	Unit	Value	Application Points	10	Field Mixing Ratios 3DME Concentrate per Pt (lbs) 120 Mix Water per Pt (gals) 165 3DME Mix Volume per Pt (gals) 180 CRS Volume per Pt (gals) 5 BDI Volume per Pt (L) 0.9 Volume per pt (gals) 194 Volume per vertical ft (gals) 19	
Treatment Area	ft ²	1,500	Areal Extent (square ft)	1,500		
Top Treat Depth	ft	10.0	Top Application Depth (ft bgs)	10		
Bot Treat Depth	ft	20.0	Bottom Application Depth (ft bgs)	20		
Vertical Treatment Interval	ft	10.0	3DME to be Applied (lbs)	1,200		
Treatment Zone Volume	ft ³	15,000	3DME to be Applied (gals)	144		
Treatment Zone Volume	cy	556	3DME Mix %	8%		
Soil Type	---	sand	Volume Water (gals)	1,654		
Porosity	cm ³ /cm ³	0.33	3DME Mix Volume (gals)	1,797		
Effective Porosity	cm ³ /cm ³	0.20	CRS to be Applied (lbs)	400		
Treatment Zone Pore Volume	gals	37,029	CRS Volume (gals)	46		
Treatment Zone Effective Pore Volume	gals	22,442	BDI Plus to be Applied (L)	9		
Fraction Organic Carbon (foc)	g/g	0.002	BDI Mix Water Volume (gals)	90		
Soil Weight	lbs	1.6E+06	Total Application Volume (gals)	1,936		
Hydraulic Conductivity	ft/day	25.0	Estimated Radius of Injection (ft)	5		
Hydraulic Conductivity	cm/sec	8.82E-03	Prepared by: Doug Davis - Sr. Design Specia Date: 5/25/2018			
Hydraulic Gradient	ft/ft	0.003	Technical Notes/Discussion			
GW Velocity	ft/day	0.38	Assumptions/Qualifications In generating this preliminary estimate, Regenesi relied upon professional judgment and site specific information provided by others. Using this information as input, we performed calculations based upon known chemical and geologic relationships to generate an estimate of the mass of product and subsurface placement required to affect remediation of the site. REGENESIS developed this Scope of Work in reliance upon the data and professional judgments provided by those whom completed the earlier environmental site assessment(s). The fees and charges associated with the Scope of Work were generated through REGENESIS' proprietary formulas and thus may not conform to billing guidelines, constraints or other limits on fees. REGENESIS does not seek reimbursement directly from any government agency or any governmental reimbursement fund (the "Government"). In any circumstance where REGENESIS may serve as a supplier or subcontractor to an entity which seeks reimbursement from the Government for all or part of the services performed or products provided by REGENESIS, it is the sole responsibility of the entity seeking reimbursement to ensure the Scope of Work and associated charges are in compliance with and acceptable to the Government prior to submission. When serving as a supplier or subcontractor to an entity which seeks reimbursement from the Government, REGENESIS does not knowingly present or cause to be presented any claim for payment to the Government.			
GW Velocity	ft/yr	137				
Sources of 3-D Microemulsion Demand						Unit
Dissolved Phase Mass	lbs	0.3			Value	
Sorbed Phase Contaminant Mass	lbs	1.2				
Competing Electron Acceptor Mass	lbs	28				
Stoichiometric 3DME Demand	lbs	30				
TTZ Groundwater Mass Flux	L/day	637				
CVOC Mass Flux through TTZ	lb/yr	1				
CEA Mass Flux through TTZ	lb/yr	46				
Total Mass Flux through TTZ	lb/yr	47				
Total Mass Flux 3DME Demand	lbs	145				
Application Dosing						
3-D Microemulsion to be Applied	lbs	1,200				
CRS to be Applied	lbs	400				
BDI Plus to be Applied	liters	9				
HRC Primer to be Applied	lbs	0				