KPRG and Associates, Inc.

COMPRENHENSIVE SITE INVESTIGATION REPORT

NATURAL CLEANERS 8828 N. PORT WASHIGNTON ROAD BAYSIDE, WISCONSIN

BRRTS # 02-41-548572 FID # 341140250

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1.0 INTRODUCTION

1.1 Site Name and Location

The subject site is the Natural Cleaners facility located at 8828 N. Port Washington Road in Bayside, Wisconsin. This property is located within Milwaukee County in the SW ¼ of the SE ¼ of Section 05, Township 08 North, Range 22 East. A general site location map is provided on Figure 1. A site map showing sample locations is provided on Figure 2.

1.2 Contact Information

Property Owner

The current property owner is:

Mr. Peter Ogden Ogden & Company, Inc. 1665 North Water Street Milwaukee, WI 53202

Responsible Party

The responsible party is:

Ms. Marilyn Fleming Former Bayside Natural Cleaners N40W27880 Glacier Road Pewaukee, WI 53072

Environmental Consultant

The environmental consulting contact for this project is:

KPRG and Associates, Inc. 14665 West Lisbon Road, Suite 1A Brookfield, Wisconsin 53005 Contact: Mr. Patrick Allenstein, P.G. Phone No: 262-781-0475

1.3 <u>Background Information</u>

The building within which Natural Cleaners (NC) is located is a commercial use, one-story brick/frame structure with a basement and several tenants. The surrounding land use is:

- North Commercial
- West Port Washington Road and Commercial
- East Residential

• South – Commercial

The former dry cleaning machine used tetrachloroethene, also known as perchloroethene (PCE), as the solvent and was located above a utility room of the basement which includes a furnace and hot water heater. Visual inspection at the rear of the facility from where the product was delivered and the basement area beneath the dry cleaning machine did not reveal any staining or other indications of spillage. Use of the dry cleaning machine was discontinued prior to 2008 and was removed from the property circa 2010. Natural Cleaners sold the business circa 2011 and the suite was redeveloped. It is noted that an unrelated party subsequently opened a drop off location for dry cleaning also named Natural Cleaners in a separate portion of the same building. This facility does not perform dry cleaning on the property.

A site scoping study was performed by KPRG and Associates, Inc. (KPRG) in December 2006. Two interior soil borings (GP-1 and GP-2) and two exterior soil borings (GP-3 and GP-4) were advanced to obtain representative soil samples for chemical analysis from these areas. Based on the results of the focused site scoping study it was concluded that there had been a release of PCE to soil associated with the dry cleaning operations at this location. The requisite notification was made to the Wisconsin Department of Natural Resources (WDNR) and the site was issued BRRTS number 02-41-548572 and FID number 341140250. The site was also accepted into the Dry Cleaner Environmental Response Fund (DERF) program. KPRG initiated a site investigation (SI). At the conclusion of the initial SI work, the WDNR requested additional work to further define the extent of impacts. KPRG met with the WDNR and initiated additional work including several additional Work Plans and SI Addendums.

The following is a summary of all work completed in accordance with the WDNR request.

1.4 Organization of Site Investigation Report

The remainder of this site investigation report is structured to fulfill requirements outlined in NR 716.15. Section 2.0 documents the field activities performed as part of this portion of site investigation. Section 3.0 presents site specific geology/hydrogeology and Section 4.0 presents a summary and interpretation of the site investigation data. An evaluation of potential migration/exposure pathways is provided in Section 5.0 followed by conclusions and recommendations in Section 6.0. References are provided in Section 7.0.

2.0 DOCUMENTATION OF FIELD ACTIVITIES: INITIAL SI 2009

As part of the approved Site Investigation Work Plan, KPRG advanced geoprobe soil borings to obtain additional soil samples and installed and sampled five NR 141 monitoring wells and one temporary monitoring well. The NR 141 monitoring wells were also tested to obtain estimates of formation hydraulic conductivity in the vicinity of the well screens. Two sub-slab vapor samples were also collected from vapor probes installed in interior borings. The field and sampling activities are documented below.

2.1 Soil Borings

As part of the initial SI, a total of 11 soil borings were advanced using various methods on and off the property at locations shown on Figure 2. Borings GP-5 through GP-10, MW-1 through MW-4, and MW-2D, were advanced using a truck-mounted geoprobe which utilizes a hydraulically driven, direct push sampling technique. Interior borings (GP-7 through GP-9) used geoprobe hand tools. Borings which were converted to monitoring wells are discussed in Section 2.2. Soil sample cores from all borings were obtained on a continuous basis, screened in the field for total volatile organic vapors using a PID and visually logged using the Unified Soil Classification System (USCS). Copies of soil boring logs and associated field screening measurements are provided in Appendix A. Upon drilling, boring GP-10 was completed as a temporary 1-inch well in accordance with the approved Work Plan. The remainder of the borings were abandoned with granular bentonite to the surface and hydrated. These borings were then capped with material similar to the surrounding area (i.e. concrete, asphalt).

Based on the results of the field screening, a total of 16 soil samples were collected and analyzed for VOCs. In addition, a subset of 3 soil samples was collected from across the site for analysis of Total Organic Carbon (TOC).

Appropriate sample aliquots for VOCs were placed into laboratory prepared containers, preserved with methanol and placed on ice. TOC samples were transferred directly into laboratory prepared containers and placed on ice. All samples were transported under a completed chain-of-custody (COC) and delivered to Pace Analytical Services, Inc. for analysis of VOCs using Method 8260B and TOC using Method 9060.

2.2 Monitoring Well Installation/Groundwater Sampling

2.2.1 <u>Monitoring Well Installation</u>

Four shallow monitoring wells (MW-1, MW-2, MW-3 and MW-4) and 1 deep monitoring well/piezometer (MW-2D) were installed at locations shown on Figure 2. The wells were drilled using the hollow stem auger drilling method. Shallow wells extended to approximately 25 feet below ground surface (bgs) and the deep well extended to approximately 45 feet bgs. The vertical soil profile was sampled on a continuous basis, logged and screened in the field for total volatile organic vapors using a PID. Completed boring logs are provided in Appendix A.

Once the target depth was reached, each well was constructed of 2-inch, inner-diameter PVC (schedule 40) casing with 10-feet of 0.010 factory slot screen for the shallow wells and 5 feet of screen for the deep well. Each well was completed by placing a 10/20 gradation of silica sand filter pack to approximately one foot above the top of the screen followed by approximately one foot of fine sand (100 sieve). A minimum 2-foot bentonite pellet seal was placed and hydrated atop the filter sand. The remainder of the annulus was filled with granular bentonite. All surface completions were flush mount well vaults anchored with concrete. Copies of well construction summaries are included in Appendix A. All drill cuttings were containerized in labeled 55-gallon drums and temporarily staged on the south end of the property for subsequent proper disposal.

Monitoring wells were developed using the purge and bail method. Purging continued until a minimum of five casing volumes of water were removed or until field parameters of pH, specific conductance and temperature showed stable conditions and relatively turbid free groundwater. Purge water was also containerized in labeled 55-gallon drums for subsequent proper disposal.

The monitoring wells were surveyed by a Wisconsin licensed surveyor. The survey data are provided in Appendix B.

2.2.2 Groundwater Sampling Procedures

Groundwater samples were collected from the monitoring wells using the following procedures:

- The water level elevation was measured using an electronic water level probe. These measurements are summarized in Table 1.
- Initial groundwater measurements of dissolved oxygen (DO) and oxidation-reduction potential (ORP) were obtained down-well.
- Three casing volumes of water were purged from the well using a dedicated bailer at which point field parameter measurements of pH, specific conductivity and temperature were initiated. Purging continued until stable conditions were documented. If the well bailed dry before three casing volumes could be purged, the well was allowed to recover at which point field parameter measurements were initiated.
- Post purging groundwater measurements of dissolved oxygen (DO) and oxidation-reduction potential (ORP) were obtained down-well and continued until conditions stabilized.
- Samples were collected for analysis with dedicated bottom filling bailers. The water was transferred directly into laboratory prepared containers, preserved as necessary, and placed on ice.

 One duplicate was collected for quality assurance/quality control purposes as specified in the Work Plan. All samples were transported under a completed COC and delivered to Pace Analytical Services, Inc. for analysis.

2.2.3 Geoprobe Well Installation and Groundwater Sampling

Upon completion of borings GP-10, GP-11, GP-12, GP-13, GP-16 and GP-17, a 0.75-inch PVC well was installed in each boring consisting of 10 feet of 0.010-inch factory slot screen and 5 feet of riser. The screened sections included a pre-packed sand filter pack wrapped in stainless-steel mesh. Additional filter sand pack was added around the screen to a depth of 4 feet bgs above which bentonite chips were placed and hydrated. Flush mount covers were placed over the top of each well and secured with concrete. Once sufficient water entered each well, a micro-bailer was used to purge and sample the groundwater using the procedures summarized in Section 2.2.2, as appropriate. Each sample was placed directly into laboratory prepared containers, preserved with hydrochloric acid and placed on ice. The groundwater samples were analyzed for VOCs.

2.2.4 Slug Testing

Slug tests were performed on monitoring wells (MW-1, MW-2, MW-2D, MW-3 and MW-4) to provide an estimate of aquifer hydraulic conductivity in the vicinity of each screened interval (Table 2). The tests were performed using an In-Situ Mini-Troll electronic transducer and data logger system. The transducer was placed down the well. A slug of solid PVC pipe was then placed down the well to displace water upward in the casing. Simultaneously with the introduction of the slug, the transducer was activated and water level measurements were recorded as the displaced water column re-equilibrated to static, or near static conditions, at which point the transducer was turned off. The test was then repeated by removing the slug from the well which in turn dropped the water level in the casing. The transducer was reactivated to measure recovering water levels. The data was entered into AQTESOLV for Windows Version 3.0 for solution calculation using the Bouwer and Rice (1979) method. Only the slug-out tests were evaluated for the wells in which the screen straddles the water table.

2.3 Vapor Probe Installation/Sampling

To assist in the soil gas/vapor intrusion exposure pathway evaluation, two deep soil gas probes were installed adjacent to interior soil borings GP-7 and GP-8. A 3/8-inch hole was drilled through the concrete followed by a 1-inch diameter hole to just less than 2-inch depth. An Entech Leak-Tight Slab-Gas Sampler probe following a stop washer was then be placed down hole and grouted in perpendicular to the concrete surface using a probe alignment insert and plate. A slab probe vapor plug was then inserted to seal the sampler and the grout was allowed to dry for several days. The sampler was installed flush with the surface of the concrete and sealed when not in use. A fitting was attached to the gas probes and a soil gas sample was collected directly into a Summa canister. The samples were collected as "grab" samples and not 8-hour

composites. The soil gas samples were sent to Pace Analytical for analysis of VOCs using method TO15.

2.4 <u>Sub-Slab Depressurization System Installation</u>

Part of the remediation strategy included the installation of a sub-slab depressurization system (SSDS) to prevent volatile organic vapors accumulated beneath the concrete floor of the facility from migrating into the interior of the building. This approach for addressing the soil vapor intrusion pathway was agreed upon by the WDNR. The system was targeted to provide sub-slab ventilation for building within a radius determined by the soil gas sampling.

Two depressurization points were required and installed in order to sufficiently depressurize the slab to encompass the soil impacts (Figure 3). The depressurization points were installed within a utility room beneath the former dry cleaning machine, one near the center of the building width (DP-1) and the other at the edge of the building over the French drainage system (DP-2). At each depressurization point location, an approximate 5-inch diameter core was drilled through the slab. A 4-inch diameter, Schedule 40 PVC pipe was stubbed into each core hole where the sub-blab material was removed to form a small vacuum chamber. The pipe extended out the building wall and past the roof soffit at which point the extracted vapors are vented to the atmosphere. An inline RadonAway 145 fan was installed approximately half-way up the wall. Based on discussions with the venting contractor the specified RadonAway RP265 fan with 4-inch piping under the anticipated conditions was expected to provide an air flow of between 110 and 150 cubic feet per minute (CFM). The fans were hard-wired to the main power control panel by a certified electrician.

To verify that the system was providing sub-slab depressurization over the entire targeted footprint beneath the floor, micro-manometer testing was performed from six locations (Figure 3). These spot tests were collected from approximately 5', 20' and 40' away (where possible) from depressurization point DP-1. The goal was to document negative pressure measurements, or vacuum. Vacuum values at all locations ranged from 0.002 to 0.5 inches of water column. The fan was operating at 1.1 inches of water column with a flow rate of approximately 115 cubic feet per minute. These measurements verify that the targeted area of the sub-slab beneath the building is actively under negative pressure, or vacuum. The supporting documentation is provided in the closure package.

3.0 DOCUMENTATION OF FIELD ACTIVITIES: 2014 SITE ADDENDUM

As part of the supplemental site investigation work, KPRG advanced seven soil borings (GP-11 through GP-17), installed five monitoring wells (GP-11, GP-12, GP-13, GP-16 and GP-17), collected two rounds of groundwater samples from all monitoring wells (eleven in total), collected water samples from two building sump crocks, and collected ambient air samples from within the basement of the building. The field and sampling activities are documented below.

3.1 Soil Borings

As part of this additional SI, a total of seven additional soil borings were advanced on and off the property. As shown on Figure 2, three borings (GP-11, -12 and -13) were advanced on the property to the east and four on the subject site (GP-14 through GP-17). The borings were advanced using the same techniques discussed above. Copies of soil boring logs and associated field screening measurements are provided in Appendix A. Borings GP-11, GP-12, GP-13, GP-16 and GP-17 were converted to monitoring wells are discussed in Section 2.2.3. The remainder of the borings were abandoned with granular bentonite to the surface and hydrated. These borings were then capped with material similar to the surrounding area (i.e. concrete, asphalt).

In accordance with the approved work plan and based on the results of the field screening, a total of 5 soil samples were collected from soil borings GP-11 through GP-15. The soil samples were analyzed for chlorinated volatile organic compounds (CVOCs).

Appropriate sample aliquots were placed into laboratory prepared containers and placed on ice. All samples were transported under a completed Chain-of-Custody (COC) and delivered to Pace Analytical Services, Inc. for analysis of CVOCs using Method 8260B.

3.2 Temporary Monitoring Well Installation

Five additional shallow temporary monitoring wells were installed on and off the property at locations shown on Figure 2. Upon completion, the borings mentioned above, GP-11, GP-12, GP-13, GP-16 and GP-17, were completed as monitoring wells in accordance with the approved Work Plan. Completed well construction summary is provided in Appendix A.

Once the target boring depth was reached, each well was constructed of 0.75-inch diameter, schedule 40, PVC casing, with 10-feet of 0.010-inch factory slot screen. The wells were completed by placing a 10/20 gradation of silica sand filter pack to approximately one foot above the top of the screen followed by approximately one foot of fine sand (100 sieve). A minimum 2-foot bentonite seal was placed and hydrated atop the filter sand. The remainder of the annulus was filled with granular bentonite and hydrated. Surface completions were flush mount well vaults anchored within

concrete. All drill cuttings were containerized in labeled 55-gallon drums and temporarily staged on the east side of the property for subsequent proper disposal.

The wells were developed using the pump and purge method. Purging continued until the well was dry or until field parameters of pH, specific conductance and temperature showed stable conditions. Purge water was also containerized in labeled 55-gallon drums for subsequent proper disposal.

3.3 Monitoring Well Groundwater Sampling

Two rounds of quarterly groundwater samples were collected from all monitoring wells associated with the site. A total of 24 samples (11 wells plus a duplicate times 2 rounds) were collected using the procedures discussed above in Section 2.2.2.

3.4 Building Sump Crock Water Sampling

Three building sumps were checked for the presence for water. All three appeared to have water, however, the sump in the middle of the building was sealed with no access points and was therefore not sampled. The water in the remaining two sumps was sampled and labeled Sump-N and Sump-S. A water sample was collected from each sump crock using a disposable bailer. Water was transferred directly into laboratory prepared containers and placed on ice. The sump water samples were transported under a completed COC and delivered to Pace Analytical laboratory for CVOC analysis.

3.5 Indoor Ambient Air Sampling

The work plan included the collection of four indoor air samples IA-1 through IA-4 (see Figure 2). The samples were collected using laboratory prepared Summa canisters. The canisters are evacuated and placed under a vacuum which the user then opens the valve, allowing the air sample enter the canister. The canisters were supplied with laboratory installed metering devices allowed them to be opened to allow the sample to be collected over a 24-hour period.

Summa canisters for samples IA-1 through IA-4 were placed on the basement floor and spaced through-out the building. Sample IA-1 was placed at the north end of the basement, in empty Suites 1 and 2. Sample IA-2 was placed in the basement within the utility room below the former location of the dry cleaners. Sample IA-3 was placed in the basement, across the hall from the utility room in Suite 8. Sample IA-4 was placed at the south end of the basement, in the storage area Suite 16. The canisters were deployed on September 26 and retrieved on September 27, 2013. The ambient air samples were transported under a completed COC to Pace Analytical for analysis of VOCs using method TO15.

4.0 DOCUMENTATION OF FIELD ACTIVITIES: 2015 SITE ADDENDUM

4.1 Groundwater Sampling

A groundwater sample was collected from well GP-16 per the approved work plan (see Figure 2). The sample was collected and handled as documented above in Section 2.2.2.

4.2 Vapor Probe Installation and Sampling

On October 1, 2015, two deep soil vapor probes, GP-18/V and GP-19/V, were installed in accordance with the approved work plan near the sump discharge corridor along the southern boundary of the property (see Figure 2). Copies of the boring logs and vapor probe construction summaries are included in Attachment 1. The probes were leak tested using the helium shroud method and following verification of proper seal, each vapor probe was sampled using laboratory prepared Summa canisters with one-hour flow control valves. A polyethylene sampling tube was then connected from the probe sampling fitting to the Summa canister. The canister valve was opened and vapor sample was collected. Once the canister was full, the valve was closed and the canister was disconnected from the sampling tube. The Summa canister was then shipped under a properly completed chain-of-custody to Pace Analytical laboratory for analysis of chlorinated volatile organic compounds.

4.3 <u>Indoor Air Sampling</u>

The work plan included a second round sampling of the four indoor air samples IA-1 through IA-4. The samples were collected using laboratory prepared Summa canisters. The canisters were supplied with laboratory installed metering devices allowed them to be opened to allow the sample to be collected over a 24-hour period.

The canisters were deployed on October 1 and retrieved on October 2, 2015. The ambient air samples were transported under a completed chain-of-custody to Pace Analytical for analysis of chlorinated volatile organic compounds using method TO15.

5.0 DOCUMENTATION OF FIELD ACTIVITIES: 2018 SITE ADDENDUM

5.1 <u>Sub-Slab Vapor Probe Installations/Sampling</u>

On March 31, 2017, KPRG installed four sub-slab vapor probes SV-1, SV-2, SV-3, and SV-4 at locations shown on Figure 2. Cox-Colvin vapor pins were installed through the concrete floor per manufacturer directions and were tested for tightness using a helium gas shroud method. During testing at vapor probe SV-4, water was drawn up while the probe was under vacuum. As a result, SV-4 was not able to be sampled. There were no water issues at the remaining probes. As requested by the WDNR, the existing sub-slab depressurization system (SSDS) was shut down prior to sample collection. Once the connections at SV-1, SV-2 and SV-3 were determined to be air tight, sub-slab vapor samples were collected at each vapor point using a six-liter, Summa Canister with 1-hour flow controller. Samples were sent under completed chain-of-custody to a Pace Analytical laboratory for analysis of chlorinated volatile organic compounds (CVOCs) using Method TO15.

5.2 Check Working Condition of Existing SSDS

As discussed in Section 2.4 above, KPRG installed a SSDS in the vicinity of the defined PCE vapor impacts and conducted a field extension test verifying that the system had influence over the area of concern. As requested by the WDNR, an additional round of extension testing was completed on September 20, 2017. As shown on Figure 2, the field testing confirmed the previous conclusion that the system depressurization covers the area of concern. In addition and as requested by the WDNR, KPRG measured the exhaust vapors of the system with a photo-ionization detector (PID). There were no PID readings above 0.0 ppm observed that day.

5.3 Additional Soil Borings

KPRG advanced soil borings, GP-20 through GP-24, MW-3D and MW-5 at locations shown on Figure 2, with a Geoprobe and extended to 12 feet below ground surface (bgs). Borings MW-3D and MW-5 were also advanced with a Geoprobe and then followed by hollow-stem augers and extended to 50 and 25 feet bgs, respectively. Continuous soil core samples were collected from all borings. Soils were field screened with a PID for total organic vapors and logged using the Unified Soil Classification System (USCS). Borings MW-3D and MW-5 were converted into NR141 compliant monitoring wells (discussed below) and the remainder of the borings were abandoned with granular bentonite, hydrated and patched to match the surface condition. Copies of the boring logs, abandonment forms are included in Attachment 1.

In accordance with the approved work plan and based on the results of the field screening, two soil samples were collected from each boring except for MW-3D which was located adjacent to MW-3. The soil samples were analyzed for chlorinated volatile organic compounds (CVOCs). Appropriate sample aliquots were placed into laboratory prepared containers and placed on ice. All samples were transported under a completed

chain-of-custody and were transported to Pace Analytical Services, Inc. for analysis of CVOCs using Method 8260B.

5.4 Additional Well Installations and Groundwater Sampling

As noted above, and in accordance with the approved work plan, two additional wells were installed using hollow stem auger drilling. The well locations are shown on Figure 2. Well MW-5 was constructed as a water table monitoring well with a depth of 25 feet with 10 feet of screen. Well MW-3D was constructed as a piezometer with a depth of 48 feet bgs with 5 feet of screen. Each well was constructed with 2-inch PVC and 0.010 slot screen. The wells were completed by placing a silica sand filter pack to approximately two feet above the top of the screen followed by a 2-foot bentonite seal that was placed and hydrated atop the filter sand. The remainder of the annulus was filled with granular bentonite and hydrated. Surface completions were flush mount well vaults anchored within concrete. All drill cuttings were containerized in labeled 55-gallon drums and temporarily staged on the east side of the property for subsequent proper disposal.

The wells were developed using the pump and surge method. Purging continued until the well was dry or until field parameters of pH, specific conductance and temperature showed stable conditions. Purge water was also containerized in labeled 55-gallon drums for subsequent proper disposal. Monitoring well construction and development forms are included in Appendix A.

Upon completion, the well locations and top of casing elevations were surveyed by a Wisconsin licensed surveyor.

Groundwater samples were collected per the approved work plan. One round of groundwater samples were collected from all monitoring wells associated with the site followed by a confirmation round of the two new wells MW-3D and MW-5. The samples were collected for analysis with dedicated bottom filling bailers and transferred directly into laboratory prepared containers, preserved as necessary, and placed on ice. Samples were shipped to Pace Analytical laboratory under completed chain-of-custody procedure for analysis of chlorinated volatile organic compounds.

6.0 GEOLOGY/HYDROGEOLOGY

6.1 Geology

The regional geology consists of unconsolidated glacial overburden which overlies Silurian dolomite bedrock. Depth to bedrock beneath the site is not documented, however, based on regional geologic interpretations, the depth to bedrock is anticipated to be approximately 100 feet below ground surface. The dolomite in the area is underlain by the Maquoketa Shale which is mapped as a regional aquiclude. Beneath the Maquoketa Shale are the Cambro-Ordovician sandstone and dolomite units which form the primary groundwater aquifer for large municipal and industrial uses in the area.

Relative to site specific conditions, a review of the site specific boring logs indicates some gravelly fill beneath the concrete floor slab of the building underlain by brown clay to a depth of 3 feet bgs. Exterior borings encountered sand and gravel fill beneath the asphalt grading from black to tan to approximately 3 feet bgs. A brown to dark brown silty clay extends approximately to 3 to 5 feet bgs and is underlain by brown clay which extends to approximately 17 feet bgs. This is underlain by gray clay with some silt to at least 45 feet bgs which was the deepest extent of the site investigation borings. A plan view of Geologic cross-sections A-A' and B-B' illustrating the stratigraphy are provided on Figure 4a. The boring logs are provided in Appendix A.

6.2 <u>Hydrogeology</u>

The primary regional aquifers are within the deep Cambro-Ordovician sandstone and dolomite units beneath the Maquoketa Shale, however, some potable water may also be obtained locally from the Silurian Dolomite unit. Regional groundwater flow in these deeper aquifers is anticipated to be in an easterly direction, towards Lake Michigan. This flow, however, may be locally influenced by groundwater pumping.

Water level measurements for the shallow groundwater flow system are summarized in Table 1. It is noted that the water levels obtained in January, 2008 may not have yet stabilized after well installation and development as evidenced by the depth to water measurements (the wells are in clayey materials which do not readily yield water). The water table beneath the facility generally occurs from approximately 4 to 8 feet bgs. A groundwater flow map for the most recent sampling event is provided on Figure 5. The flow map indicates a convergent flow pattern beneath the site with flow moving offsite to the southeast. The horizontal hydraulic gradient generally ranges from 0.091 ft/ft down the center of the convergence to 0.235 ft/ft down the north flank of the convergence based on the most recent data used for Figure 5.

Reviewing the water level data from the well cluster MW-2/MW-2D (see Table 1) indicates that there is a downward vertical component of flow beneath the site with a vertical hydraulic gradient ranging from 0.938 ft/ft to 0.919 ft/ft based on the two most

recent rounds of water elevation data. This strong gradient suggests a low vertical permeability within the saturated clay materials.

As noted in Section 2.2, slug tests were performed to obtain estimates of formation hydraulic conductivity. The results of the single well tests are summarized in Table 2. The hydraulic conductivity in the shallow wells ranged from $1.49 \times 10^{-6} \text{ cm/sec}$ (or 0.004 ft/day) at MW-3 to $3.26 \times 10^{-6} \text{ cm/sec}$ (or 0.009 ft/day) at MW-1.

Assuming a horizontal hydraulic gradient ranging from 0.091 ft/ft to 0.235 ft/ft, a hydraulic conductivity range from 1.49 x 10^{-6} cm/sec to 3.26 x 10^{-6} cm/sec, and an effective porosity of 0.40 for silty clay till materials (Fetter, 1980; Freeze and Cherry, 1979), the groundwater seepage velocity is estimated, using the Darcy equation, to range from 3.39 x 10^{-7} cm/sec (or approximately 9.61 x 10^{-4} ft/day) to 1.92 x 10^{-6} cm/sec (or approximately 5.44 x 10^{-3} ft/day).

7.0 DATA SUMMARY AND INTERPRETATIONS

7.1 Soil Sample Data

As part of the complete SI including the site scoping study, 35 soil samples were collected from soil boring locations as shown on Figure 2. As noted above soil samples were analyzed for either VOCs or CVOCs and a subset of 3 soil samples were analyzed for TOC. The data are discussed separately below. Complete data packages have previously been submitted to WDNR.

7.1.1 CVOC Soil Data

The site investigation CVOC soil data are summarized in Table 3 which includes only the detected compounds. All other VOCs were not detected in any of the samples. Full analytical data packages were previously provided to WDNR.

A review of the data in Table 3 indicates that the highest PCE concentrations were detected in the 8-10 feet depth interval in soils samples from locations GP-5, MW-2 and GP-21. The impacts are located at or below the water table and outside of the dry cleaning facility where product delivery/pickup would have occurred. VOC concentrations diminish quickly with distance away from this location. Soil samples from locations GP-1, GP-2, and GP-7, all of which are located within the basement utility room area immediately beneath the former location of the dry cleaning machine, showed PCE to range from 800 ug/kg to 170 ug/kg. Samples from other basement area locations did not detect any VOCs in soils. This distribution suggests that the main source area of PCE in soil is associated with past handling practices which may have occurred during delivery/pickup of the dry cleaning solvent. Furthermore, the presence of degradation products TCE, cis-1,2 DCE and vinyl chloride at boring locations surrounding MW-2 (source area) indicate reductive dechlorination taking place. CVOC soil data is presented in cross sections A-A' and B-B' in Figure 4b.

Isoconcentration maps for PCE, TCE and cis-1,2 DCE in soils (0-4 ft bgs) are provided on Figures 6-8. As there are no direct contact exceedances in the near surface soils, the analytes are mapped based on their respective soil-to-groundwater pathway RCLs. At shallower depths (0-4 feet bgs), PCE soil-to-groundwater RCL exceedances were found at GP-1, GP-2, GP-3, GP-4, GP-5, GP-7, MW-2, GP-20, GP-21, GP-22. GP-23, GP-24, and MW-5. Relative to the vertical extent of impacts, based on the existing data and the documented depth of groundwater beneath the site, it is apparent that the soil impacts extend to the saturated zone. However, the impacts do not extend deeper than approximately 15 feet bgs. This is documented by the soil sample from location MW-2 collected from the 16 feet bgs to 18 feet bgs depth interval which indicated no detections of VOCs.

7.1.2 TOC Soil Data

To estimate the naturally occurring organic carbon in site specific soils, a subset of three soil samples (GP-6, MW-1 and MW-3) were analyzed for TOC. The TOC

data was generated to assist in the calculation of the SSRCLs (a process that is no longer relevant). The data are included in Table 3. No VOCs were detected in samples GP-6 and MW-1. Both cis-1,2 DCE and TCE were detected in sample MW-3. TOC concentrations in samples GP-6 and MW-1 were noted to range from 3,300 to 17,000 mg/kg, respectively. The average TOC for these two values is 10,150 mg/kg. The TOC concentration from sample MW-3 was not used in the average estimation since it was found to also be impacted by cis-1,2 DCE and TCE which makes the associated TOC value not representative of native conditions.

7.2 Groundwater Sample Data

A total of eleven rounds of groundwater monitoring were completed for the site. The first round of groundwater monitoring in 2008 was comprised of samples from the initial five monitoring wells. The number of monitoring wells gradually increased over time, totaling thirteen monitoring wells in 2013, and were eventually analyzed for CVOCs only. The initial samples were analyzed for VOCs and field parameters of pH, specific conductivity, temperature, DO and ORP, as summarized in Table 4. In addition, two rounds of samples were analyzed for natural attenuation parameters of nitrate, nitrite, sulfide, sulfate, TOC and dissolved gases ethene, ethane and methane (Table 5). The data is tabulated along with applicable NR 140 Preventative Action Limits (PALs) and Enforcement Standards (ESs) for comparison purposes. CVOC groundwater data is presented in cross sections A-A' and B-B' in Figure 4c. Figures 9, 10, and 11 provide isoconcentration maps of PCE, TCE, and cis-1,2-DCE groundwater impacts, respectively.

Based on a review of Tables 4 and 5, the following observations are made relative to NR 140 standard exceedances:

- The most recent round of groundwater sampling (May 2017) showed exceedances of ESs for dry cleaning related impacts were limited to location MW-2. MW-2 is the shallow well located immediately outside the back door of the dry cleaning facility which is also the area defined with the highest soil impacts (see Section 4.1).
- Historical ES exceedances were at locations MW-3 (vinyl chloride, January 2008) and GP-16 (vinyl chloride (VC), November 2013 and February 2014). Continued groundwater sampling events at both MW-3 and GP-16 showed non-detections for dry cleaning related impacts. Additionally, there were no detections of either PCE or TCE in either round of sampling at GP-16. There were no detections of any VOCs in the overlying soils. This location is upgradient of the defined source area and off-site within a former roadside drainage of Port Washington Road. Therefore, these groundwater detections are not believed to be the result of the historic release associated with this investigation.

- The suite of VOCs detected at well MW-2 includes PCE as well as its breakdown products of TCE, cis-1,2 DCE and VC. This suggests that natural degradation of the PCE through reductive dechlorination is occurring at the site.
- Monitoring well MW-4, located on the south side of the site, did display methyl-tert butyl ether (MTBE) detections during the second through eighth round of sampling with the data from the fourth through eighth round being above the PAL for MTBE. This is not a compound associated with dry cleaning operations. The property immediately south of the site includes a gasoline station. MTBE is an additive to gasoline and it is believed to be associated with this off-site source and not to the former dry cleaning operations.
- There were consistently no detections of any CVOC in any of the off-site wells GP-10, GP-11, GP-12, GP-13 or GP-17.
- There were consistently no detections of any CVOC in on-site wells MW-1 or MW-4 and only trace detections of cis-1,2DCE in well MW-3.
- There were consistently low to no detections with no ES exceedances at MW-2D, which is a deeper well within the source area clustered next to MW-2, over the ten years of monitoring.
- There were no detections of any CVOC above their respective ESs in either of the two newest wells, MW-3D and MW-5.
- Following a review of Figures 9, 10, and 11, it appears that residual impacts at source well MW-2 have not substantially migrated in any direction horizontal or vertical.

7.3 Building Sump Crock Water Sample Data

There were no detections of any CVOC in any sump crock water sample collected as part of this investigation. Complete data packages were previously provided to WDNR.

7.4 Sub-Slab and Deep Soil Vapor Sampling Data

A total of five sub-slab vapor samples were collected from 2008-2017. Two sub-slab vapor samples (GP-7/V and GP-8/V) were collected from the basement area in 2008 and analyzed for VOCs. Three additional sub-slab vapor samples (SV-1, SV-2 and SV-3) were collected in 2017 and analyzed for CVOCs. Sub-slab vapor sampling locations are shown on Figure 2 and the data are summarized in Table 6 along with applicable vapor risk screening levels (VRSLs). The analytical package was previously submitted to WDNR.

A review of the sub-slab vapor data indicates only one of the five samples collected contained levels above a VRSL. Sample GP-7/V was collected from beneath the basement utility room located immediately below the location of the former dry cleaning machine had levels above the VRSL for PCE and TCE.. There were no other exceedances in any other sample collected.

As a result of the VRSL exceedance at location GP-7/V, KPRG installed a SSDS as discussed above in Section 4.2. The functionality of the system was confirmed by conducting two rounds of field extension testing that verified that the radius of influence covers at least the area around the impacts noted at GP-7/V.

Two deep soil vapor samples (GP-18/v and GP-19/v) were collected in 2015. The probes are located near the sump discharge corridor along the southern boundary of the property. There were no exceedances in either sample for any parameter analyzed (Table 7).

In accordance with guidance provided by the State of Wisconsin Department of Health and Family Services (DHFS), KPRG also used site specific vapor data for input into the Johnson and Ettinger (1991) Model for Subsurface Vapor Intrusion Into Buildings to estimate potential PCE and TCE concentrations in the basement air via vapor migration through the concrete floor. The most conservative screen-level modeling was performed using default parameters within the model for average flow rate of vapor into the building (5 L/min), a silty clay underlying soil matrix and a commercial worker exposure duration of 260 days/year (a standard work year) over 30 years. The calculations were performed using the data from probe GP-7/V. The results indicated that there is a potential for exceeding the protective threshold for carcinogens used by DHFS of 1 in 1,000,000 cancer risk.

7.5 <u>Indoor Ambient Air Sample Data</u>

As noted above in Section 2.3, four indoor air samples (IA-1 to IA-4) were collected within the basement of the building at locations shown on Figure 2. All samples were collected via Summa canisters and analyzed for CVOCs. The analytical data is presented in Table 8 and the laboratory packages were previously provided to WDNR.

Regional Screening Levels (RSLs) were obtained from the U.S. EPA's Regional Screening Level Tables for non-residential/industrial air and applying the WDNR 1.0 x 10⁻⁵ excess lifetime cancer risk. The tables can be found at the EPA website http://epa-prgs.ornl.gov/cgi-bin/chemicals/csl search.

A review of the data under current regulatory conditions/standards and property use, indicates that that there are no non-residential exceedances in any of the indoor samples collected. The only detection in any of the samples was for trichloroethene (TCE) and was present in all four samples. It is noted that during the sampling, there was on-going building remodeling.

8.0 EXPOSURE PATHWAY EVALUATION

8.1 <u>Direct Contact/Ingestion</u>

No unsaturated soil impacts (collected above the water table at approximately 8 feet as discussed in Section 6.2 above) have been documented above a RCL based on ingestion. In addition, all sample locations with VOC detections were from locations that are covered with either the existing structure of asphalt pavement both of which are considered engineered barriers precluding direct contact. Therefore, this exposure pathway is not complete and not an issue at this site.

8.2 Soil to Groundwater Pathway

The data indicate that there are detections of chlorinated VOCs associated with dry cleaning at concentrations above the soil-to-groundwater migration RCLs. The highest impacts are limited to the area immediately at the back door of the dry cleaning facility where product was received and picked-up. As noted above, these impacts are believed to be associated with former handling practices. Shallow groundwater in this area has also been documented to be impacted. Therefore, at some point in the past, this pathway may have been complete. It is noted, however, that at this time, there is an asphalt driveway over this area that is in good condition with no cracking. This serves as an engineered barrier for the soil impacts precluding percolation of precipitation in this area. In addition, some smaller impacts were noted beneath the floor of the basement boiler room. The existing building currently serves as an engineered barrier for these soils. Therefore, at this time, the soil-to-groundwater pathway has been controlled with existing engineered barriers.

8.3 Potential Migration to Groundwater Pathway

The site investigation data documents that near surface groundwater beneath the site has been impacted by past dry cleaning activities. The groundwater exposure pathway can be completed by either direct ingestion of impacted groundwater or via discharge to a surface water body. Each of these groundwater pathways are discussed below.

8.3.1 Direct Ingestion of Impacted Groundwater

Based on discussions with the property manager, the building is on a municipal water distribution system operated by the Mequon Water Utility which obtains its water Lake Michigan. Groundwater data suggests that any groundwater impacts are shallow and localized to within the source area. There is no documented migration past site boundaries. Therefore, between the nature of the water distribution system and the groundwater data there are no potential receptors and this exposure pathway is deemed not complete.

8.3.2 Discharge of Impacted Groundwater to Surface Water

The nearest down gradient surface water receptor is Lake Michigan located approximately 1.5 miles east of the site. There are no groundwater impacts that

have been documented migrating to the east from the site. Due to the distance of the nearest surface water receptor away from the site and the lack of off-site migration of groundwater impacts, this exposure pathway is deemed not complete.

8.4 <u>Surface Water Pathway</u>

The nearest potential surface water receptor is defined in Section 5.3.2 above. Any impacted soils are located beneath either asphalt pavement or the building and should not be entrained with surface runoff from the site. Based on these two observations, there is no potential for site runoff to impact surface water. Therefore, this exposure pathway is deemed not complete and not an issue associated with this site.

8.5 Air/Vapor Migration Pathway

Based on the results of the site investigation, soil and groundwater impacts associated with former dry cleaning operations have been identified beneath the subject site. Ambient air field monitoring for total organic vapors performed during the site investigation did not detect any VOC vapors at the surface or in the breathing zone.

Sub-slab soil vapor data indicates that there is an accumulation of volatile organic vapors beneath the foundation. Rather than implementing an expanded site investigation program to further evaluate this potential pathway and generate data which may be questionable relative to the actual contribution of soil vapor migration to indoor air quality, it is assumed that this pathway is complete and that a soil venting system should be considered to vent vapors from beneath the foundation to mitigate this pathway.

8.6 Underground Utilities

The known underground utilities beneath the site have been included on Figure 2. The primary underground utilities include communications, gas, sanitary sewer and water. Electric comes in on overhead lines. The water line and sanitary sewer enter the building on the west side from North Port Washington Road. There are no impacts on the west side of the site. The gas enters the building at the southeast corner. There were no impacts at the southeast corner associated with the subject dry cleaner investigation. The communication line enters the property from the northeast side. There were no impacts found on the northeast side of the building. The distribution of impacts detailed in Section 4.0 does not appear to be influenced by the utilities suggesting that this potential transport pathway is not an issue at this site.

9.0 CONCLUSIONS AND RECOMMENDATIONS

9.1 Conclusions

Based on the data and information/discussion provided above, the following conclusions are forwarded:

- Natural Cleaners is no longer in business and the dry cleaning machine has been decommissioned and removed. The facility no longer performs dry cleaning at this site. Based on these observations, there is no ongoing source of PCE impacts associated with the facility. The new Natural Cleaners facility (unrelated business and owners) is used only a drop-off and pick-up site.
- The near surface, native unconsolidated deposits beneath the subject site consist of brown silty clay till to approximately 5 feet bgs. This is underlain by brown clay to approximately 17 feet bgs followed by a gray clay with some silt to a depth of at least 45 feet bgs which was the deepest extent of drilling for this investigation.
- The bedrock beneath the site is dolomite and occurs at an estimated depth of approximately 100 feet bgs based on regional literature information.
- The lateral extent of unsaturated zone residual soil impacts has been adequately defined. The primary source area of impacts is beneath the asphalt drive behind the back of the building, immediately outside the backdoor of the former dry cleaning facility. This is the area where delivery and pick-up of dry cleaning solvent occurred. The impacts are believed to be associated with prior handling practices. Some impacts were also detected beneath the foundation within the utility room of the basement which is located directly below the former dry cleaning machine that was on the first floor. The areal extent is limited to these areas.
- The vertical extent of soil impacts has been adequately defined. The soil impacts extend to the saturated zone but not deeper than approximately 15 feet bgs. These are also limited to the source area defined above.
- The areas of residual soil impacts are located beneath existing engineered barriers including the structure itself and asphalt paving.
- Near surface groundwater beneath the site has been impacted by the former dry cleaning operations. The impacts are limited in areal extent to the source area outside the back door of the dry cleaning facility. Four lines of evidence demonstrate that the natural attenuation mechanism of reductive dechlorination is occurring beneath the site. The lines of evidence include constituent profiles near the source zone, constituent profiles away from the source zone, relatively low DO and the upgradient to downgradient profile of sulfate concentrations.

- Near surface groundwater flow maps indicate a convergent flow pattern with groundwater flow to the south-southeast.
- The water collected within the two sampled building sump crocks did not indicate the presence of any CVOC which is further evidence that the limited groundwater impacts are focused around MW-2.
- The underground drainage line from the drainage basin (which the sump crock drains into) out to the street beneath the site does not appear to be acting as conduit for contaminant migration. There are no other underground utilities in the area of the impacts.
- The direct contact/ingestion exposure pathway for soil has been deemed not complete and, therefore, not an issue at this site.
- The groundwater exposure pathway for direct ingestion and discharge to surface water have been deemed not complete and, therefore, not an issue at this site.
- Sub-slab soil vapor impacts appear limited to beneath the dry cleaning building. The impacts have been addressed with the sub-slab depressurization system put in in the utility room beneath the former machine location.
- Based on the indoor air samples, there does not appear to be a soil vapor migration issue associated with the residually impacted soils under the foundation within the basement utility room.

9.2 Recommendations

Based on the above conclusions, the combined information and data presented in this and previous reports have adequately defined the soil, groundwater, soil vapor and ambient air impacts associated with this site. It is recommended that the Site Investigation now be complete.

10.0 CERTIFICATIONS

I, Richard R. Gnat, P.G., 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. GHSS2, Wis. Adm. Code, or licensed in accordance with requirements of ch. GHSS3, Wis. Adm. Code, and that, to the best of my knowledge, all 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.

Richard R. Gnat

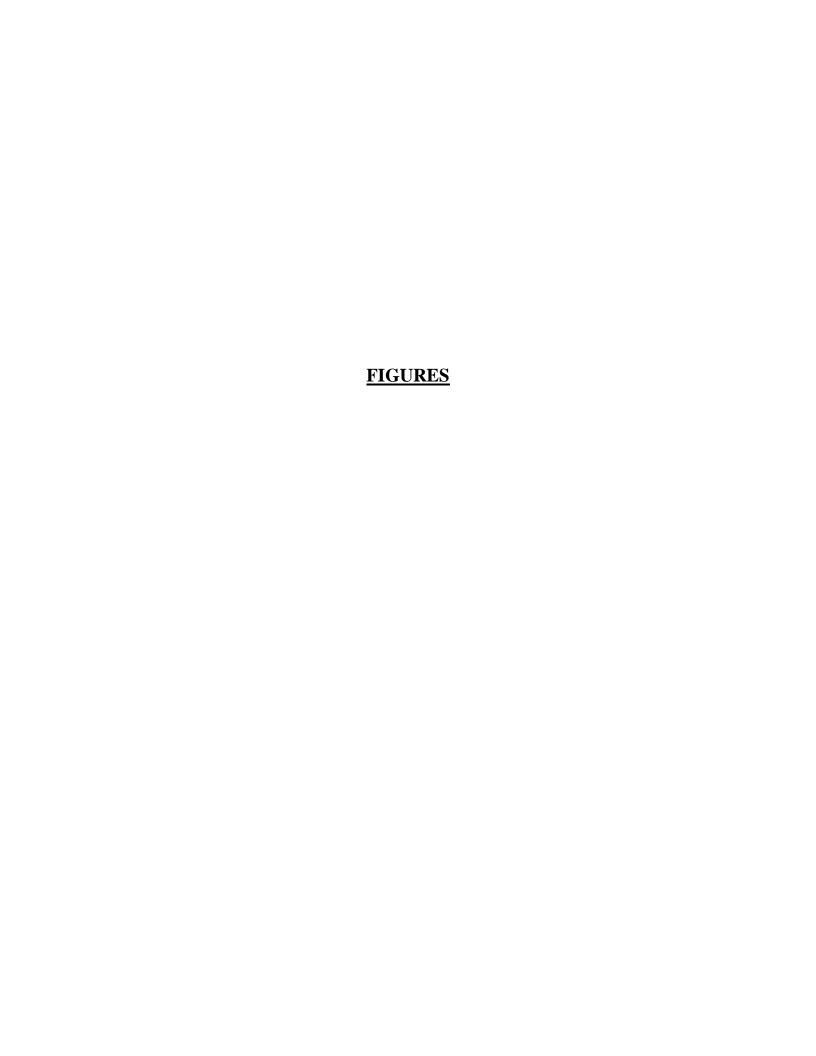
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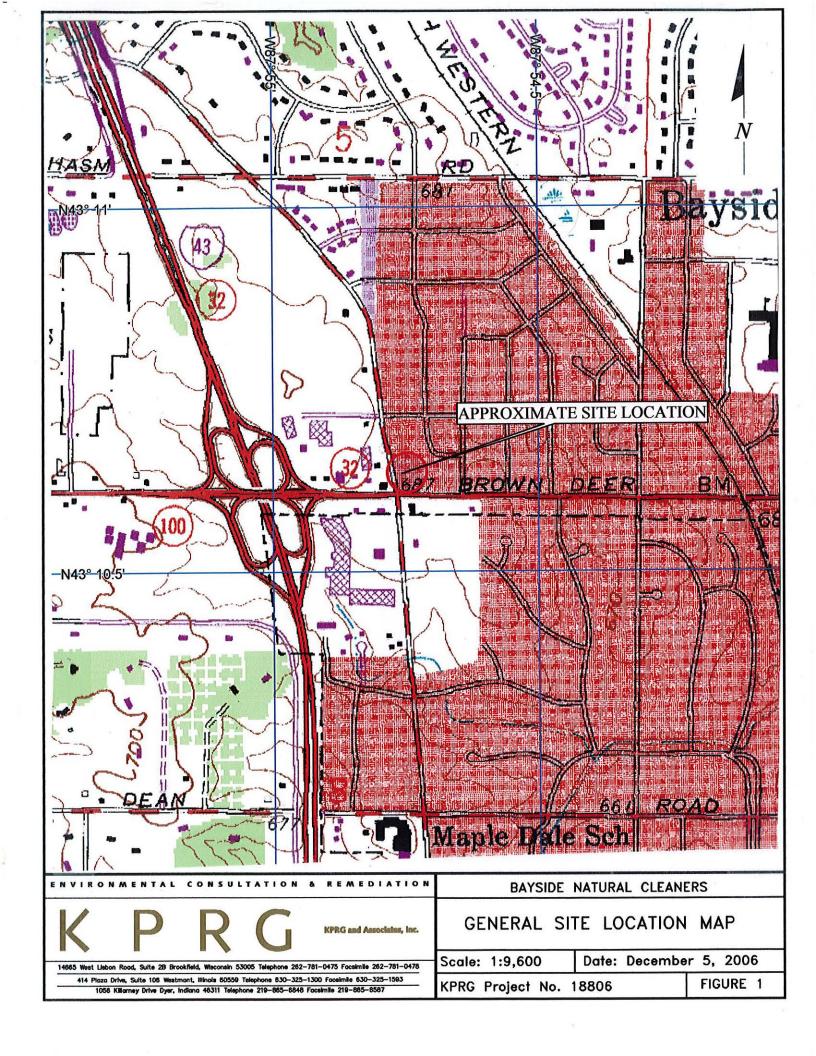
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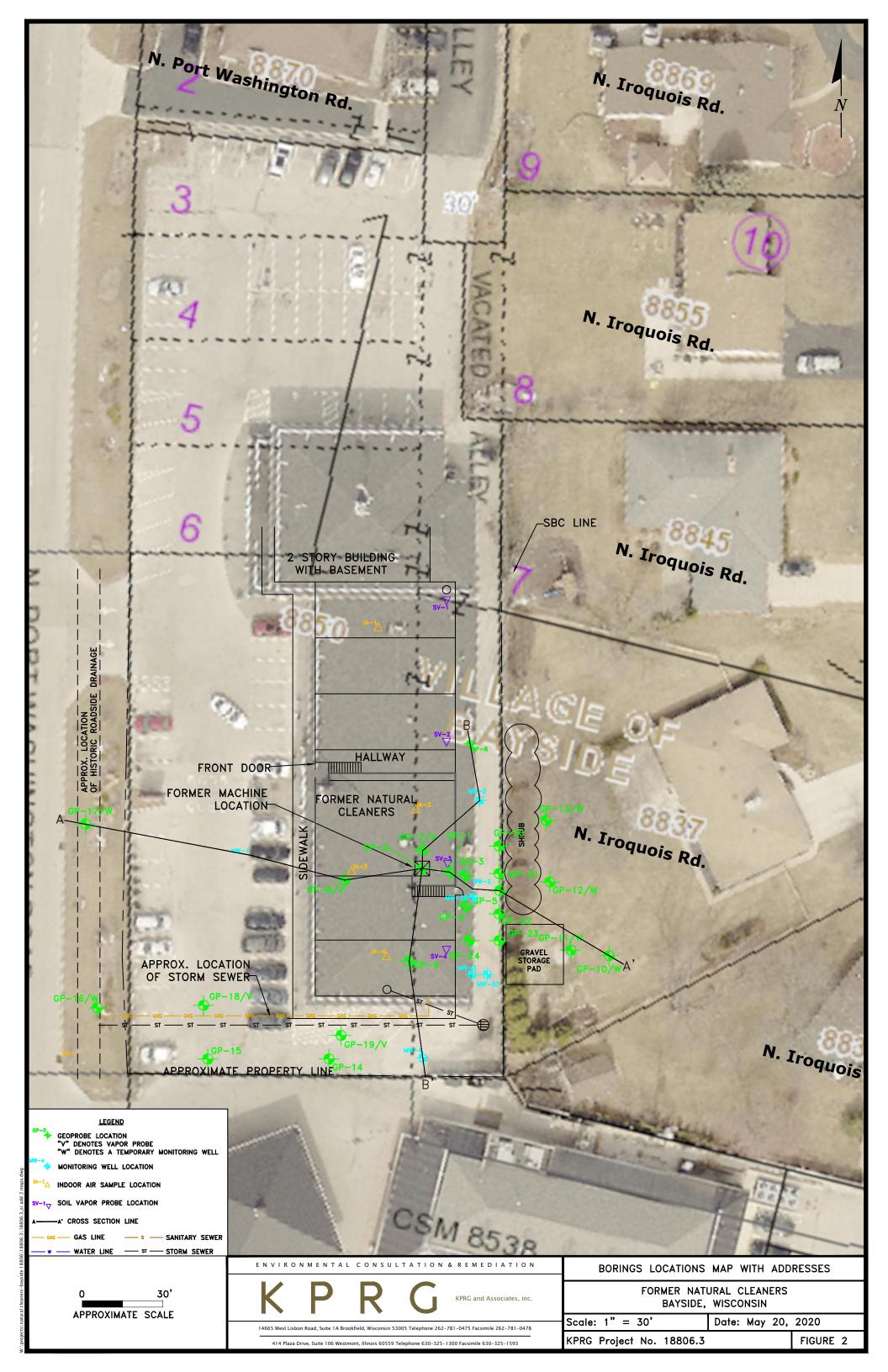
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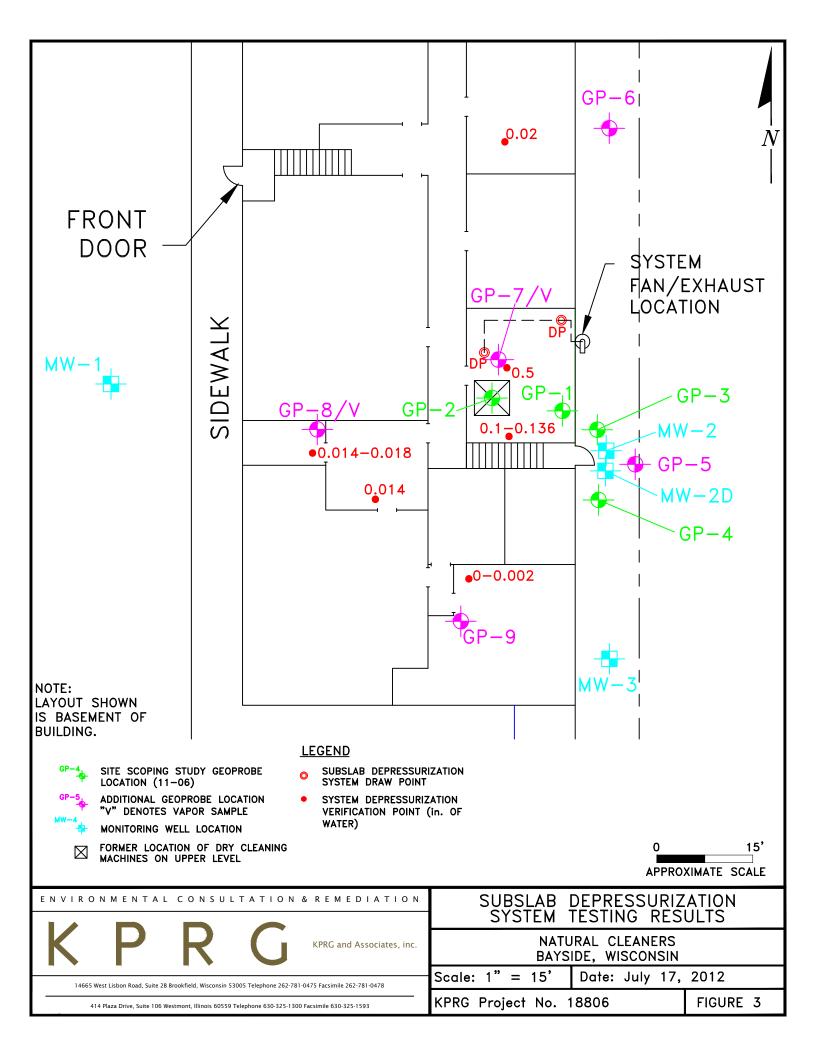
11.0 REFERENCES

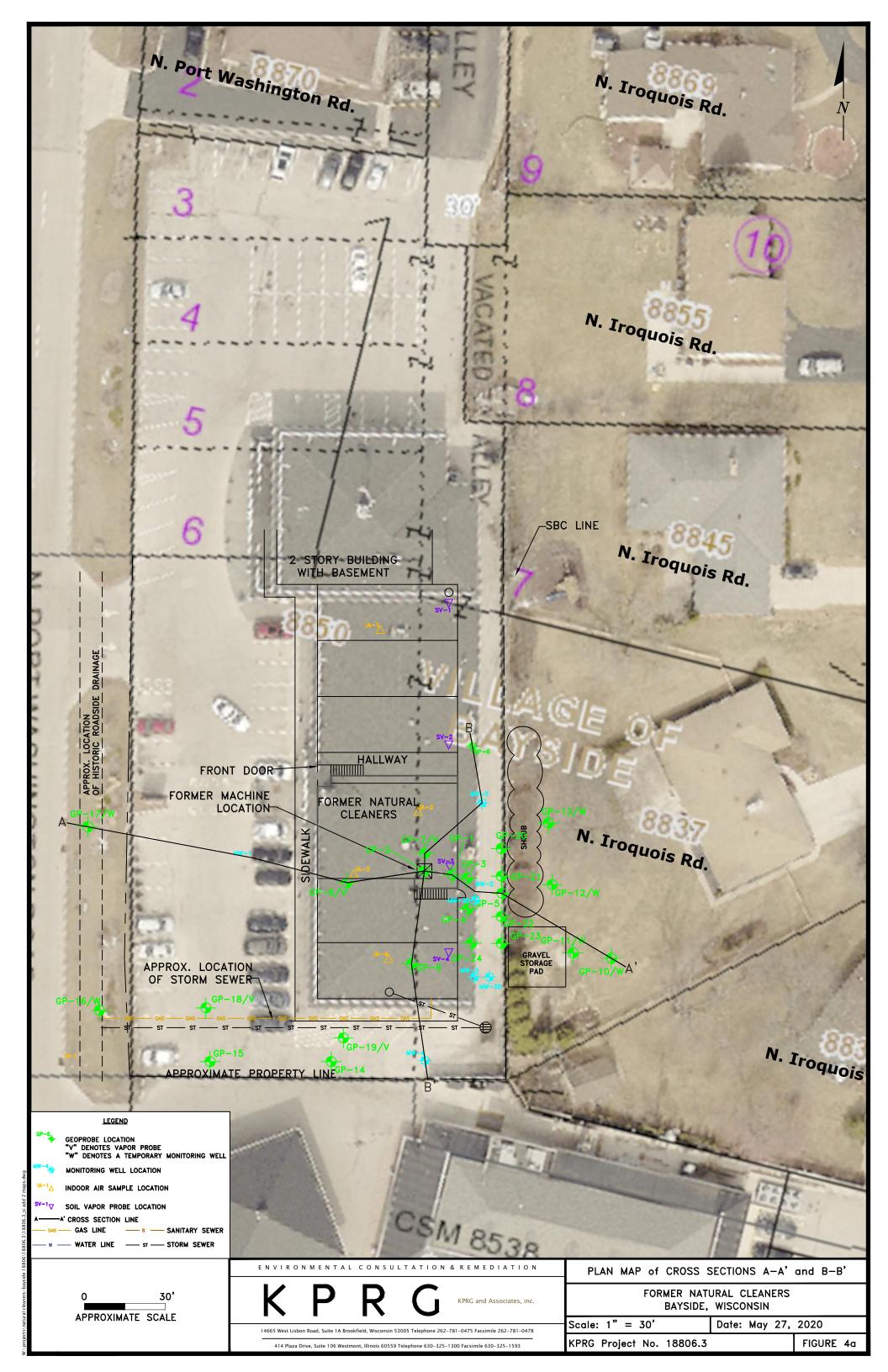
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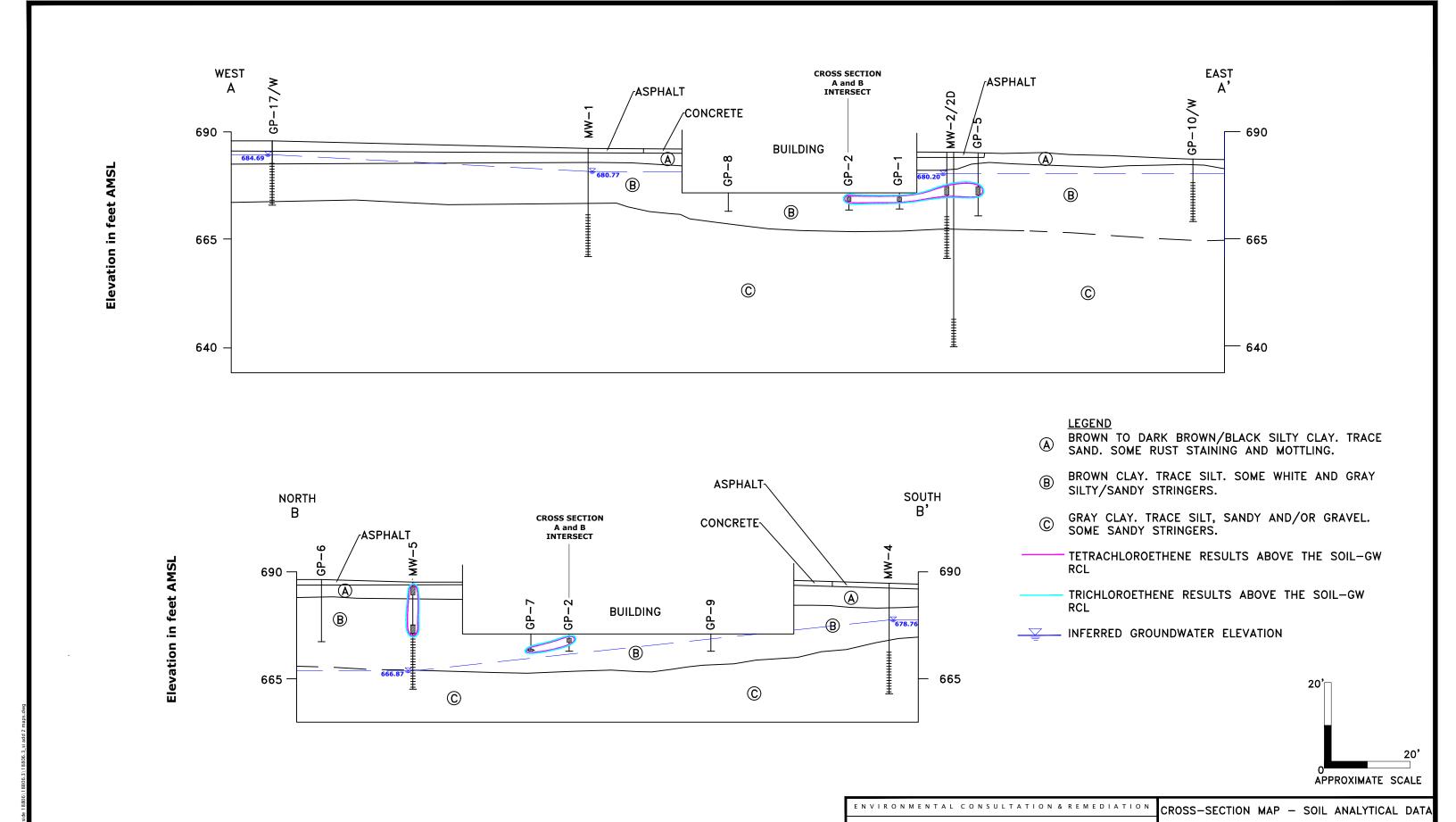












FORMER NATURAL CLEANERS

BAYSIDE, WISCONSIN

Date: May 28, 2020

FIGURE 4b

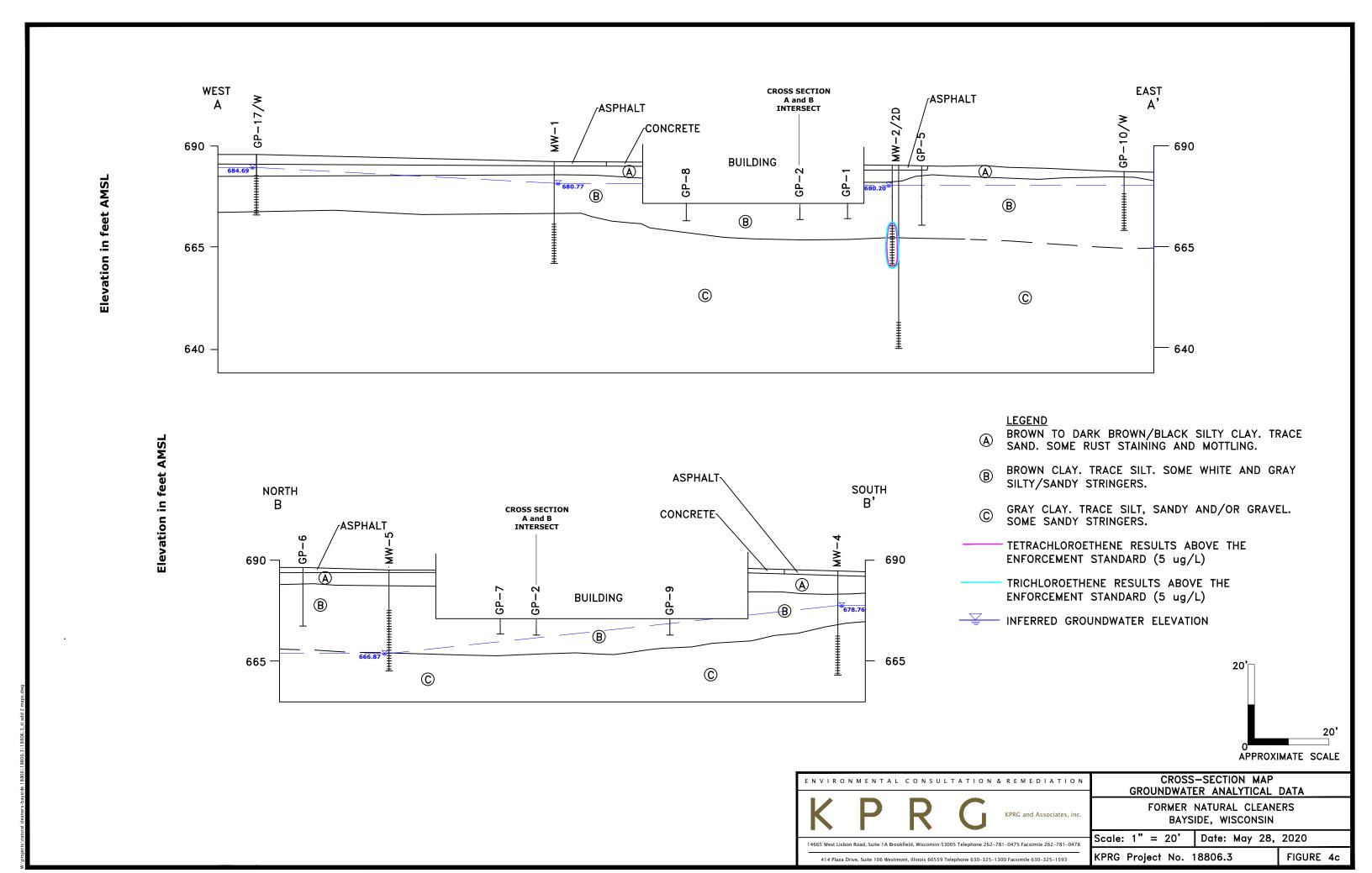
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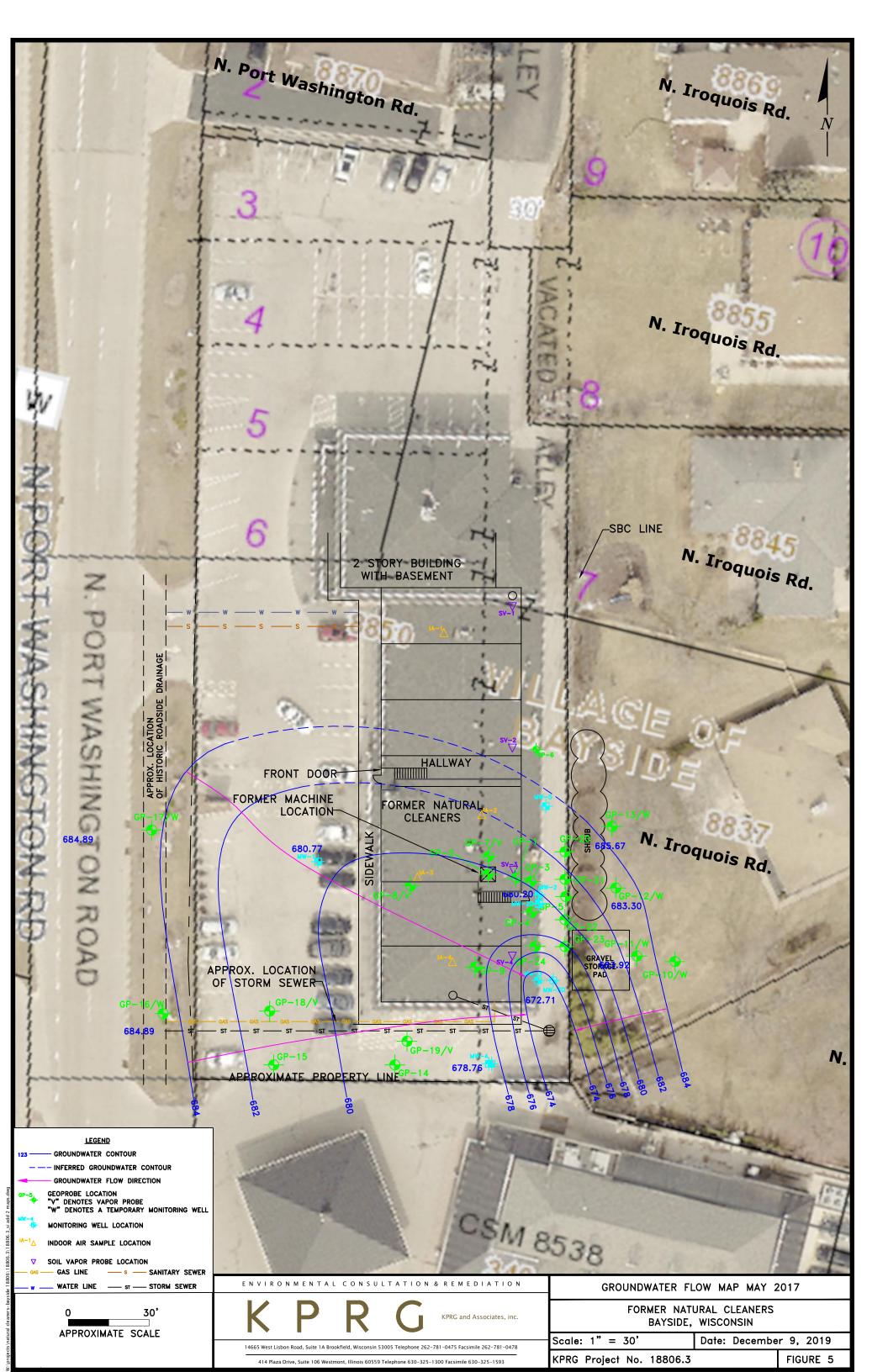
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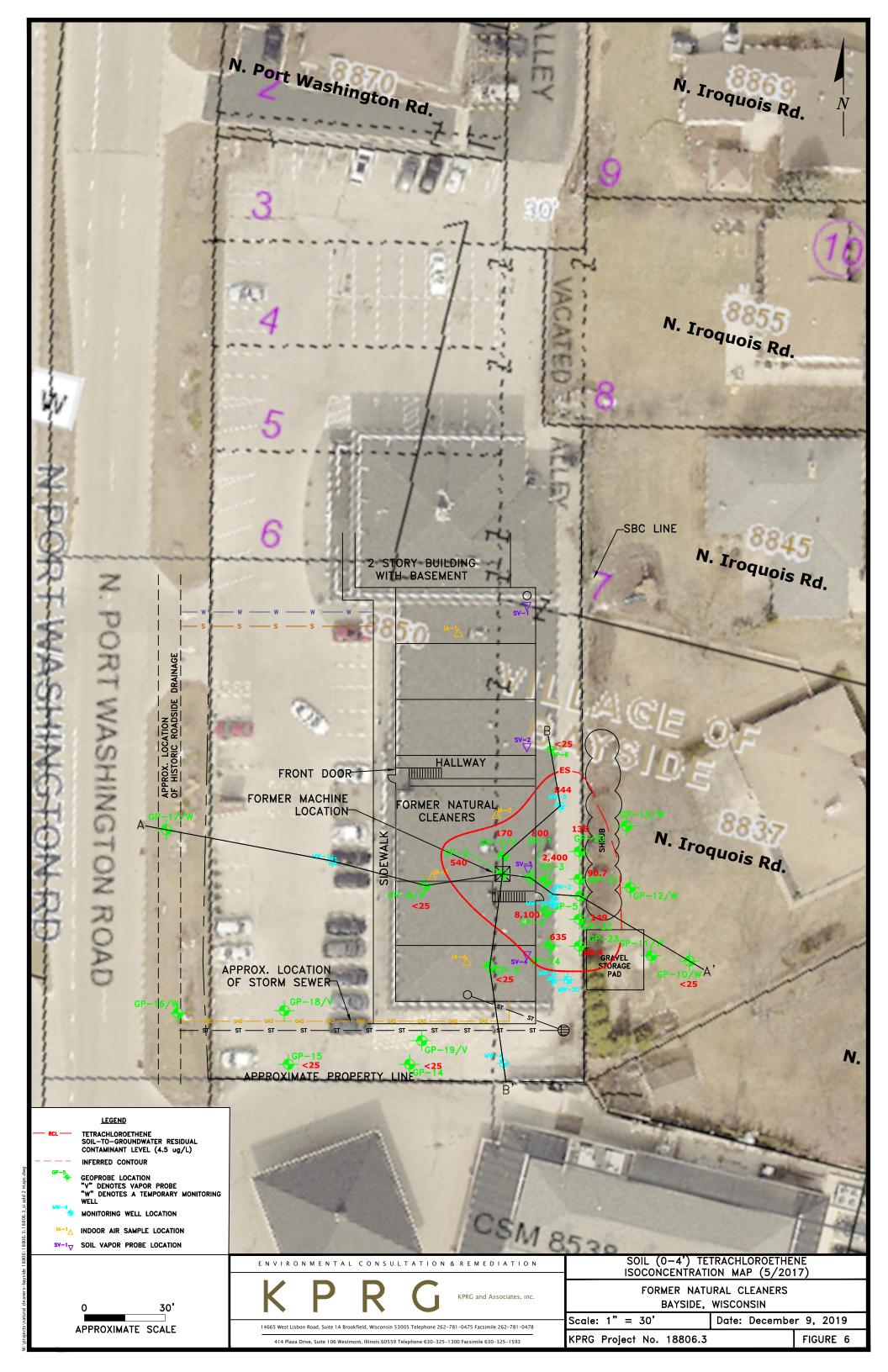
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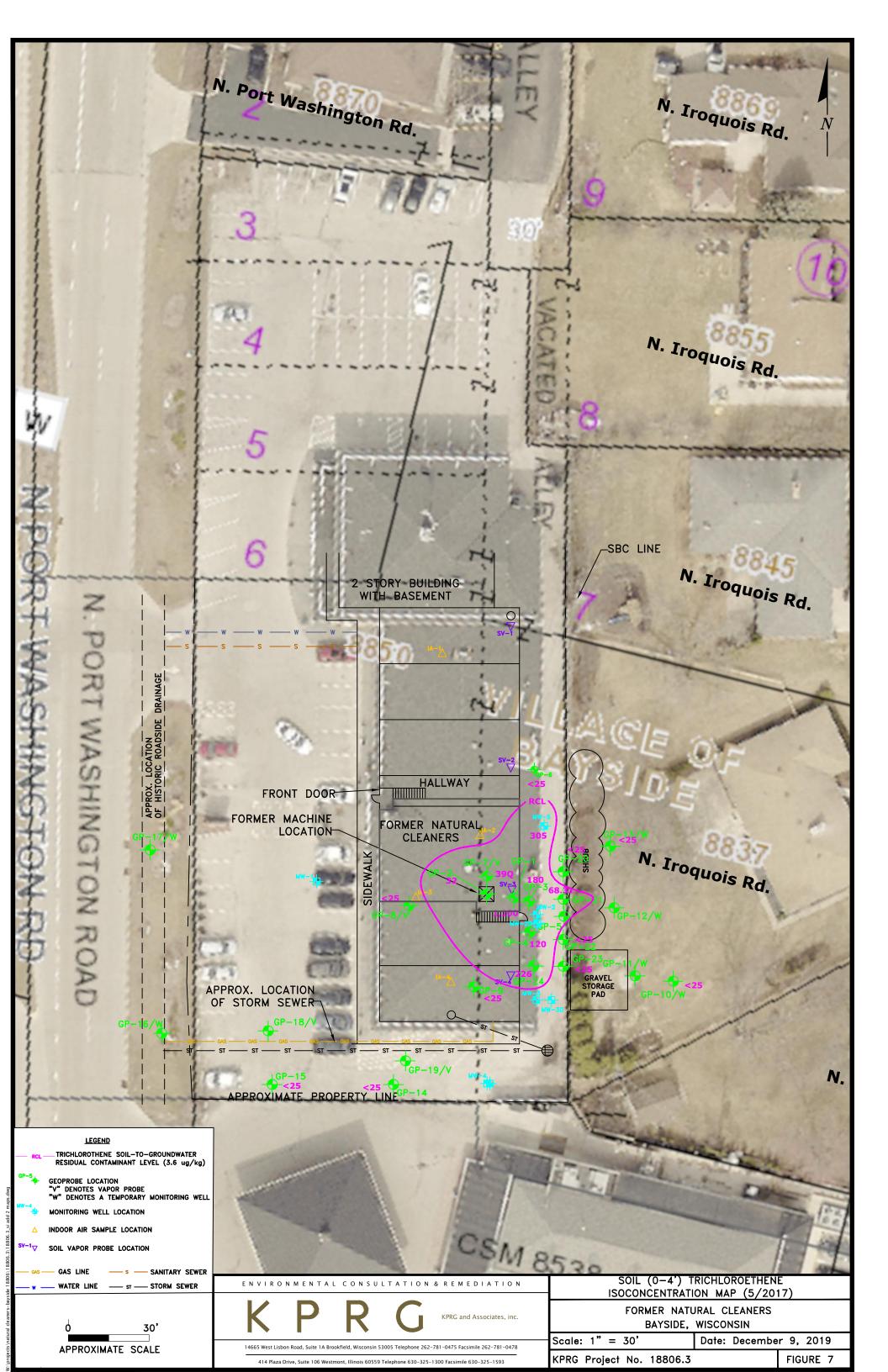
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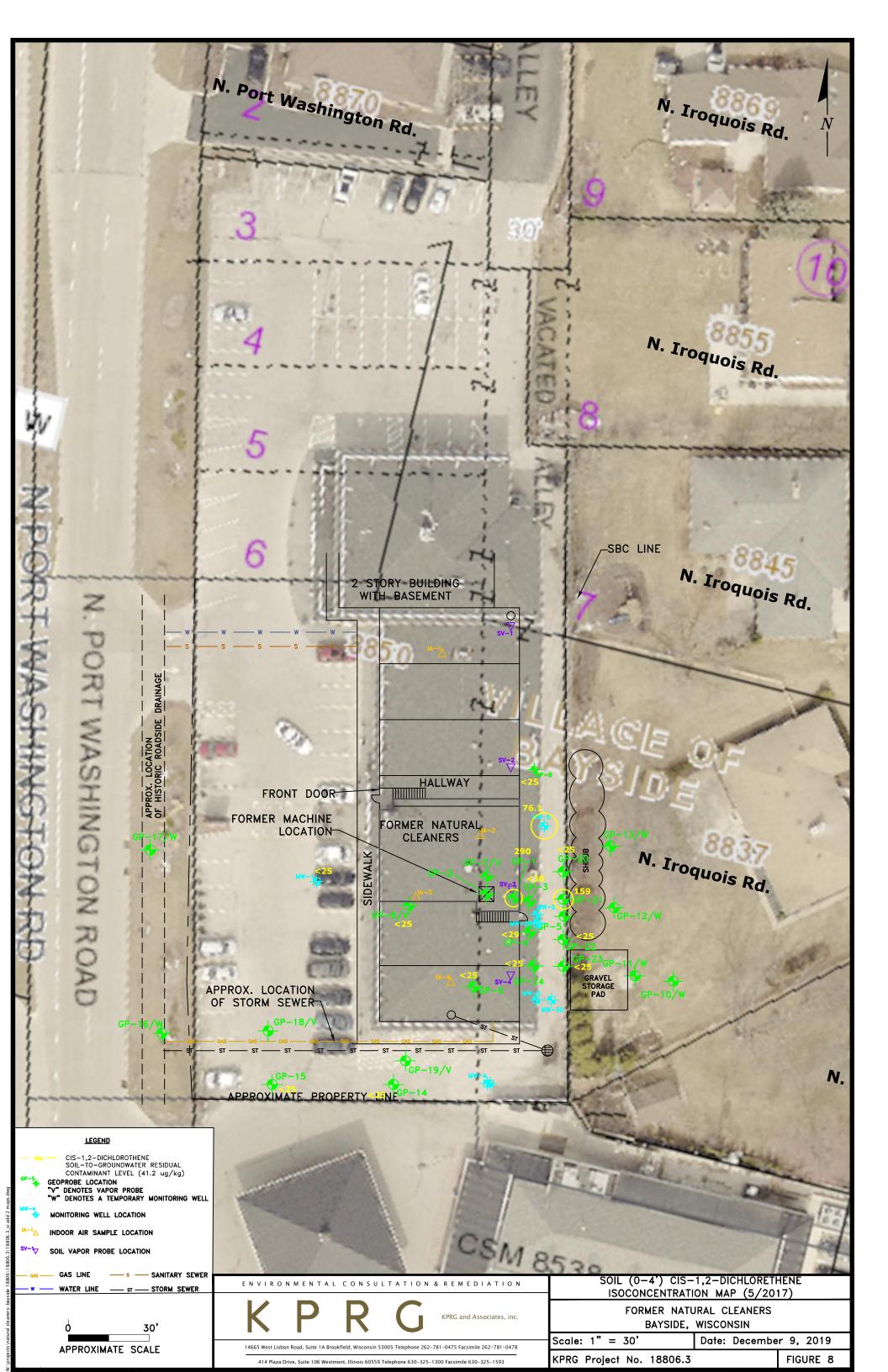
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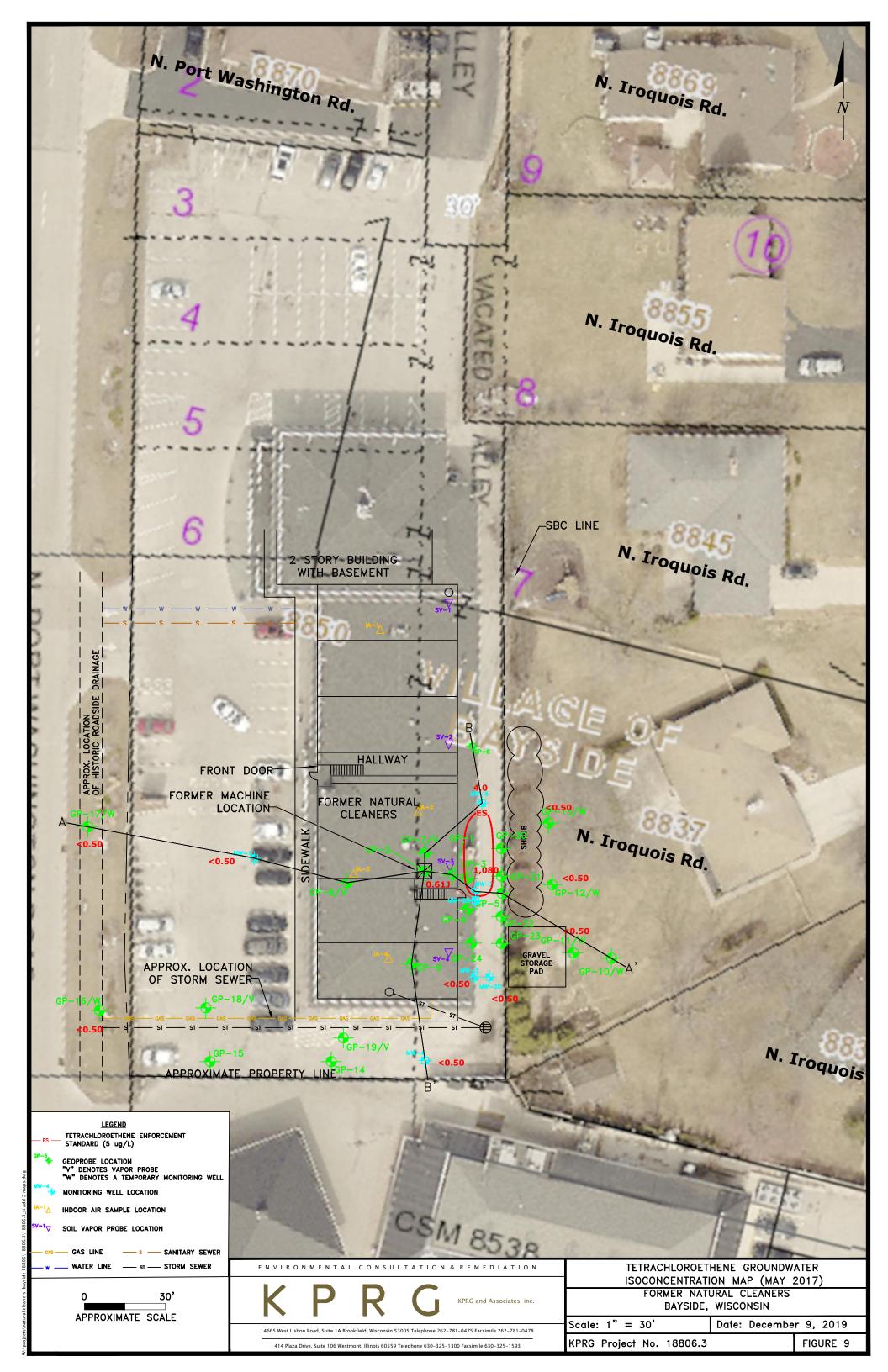


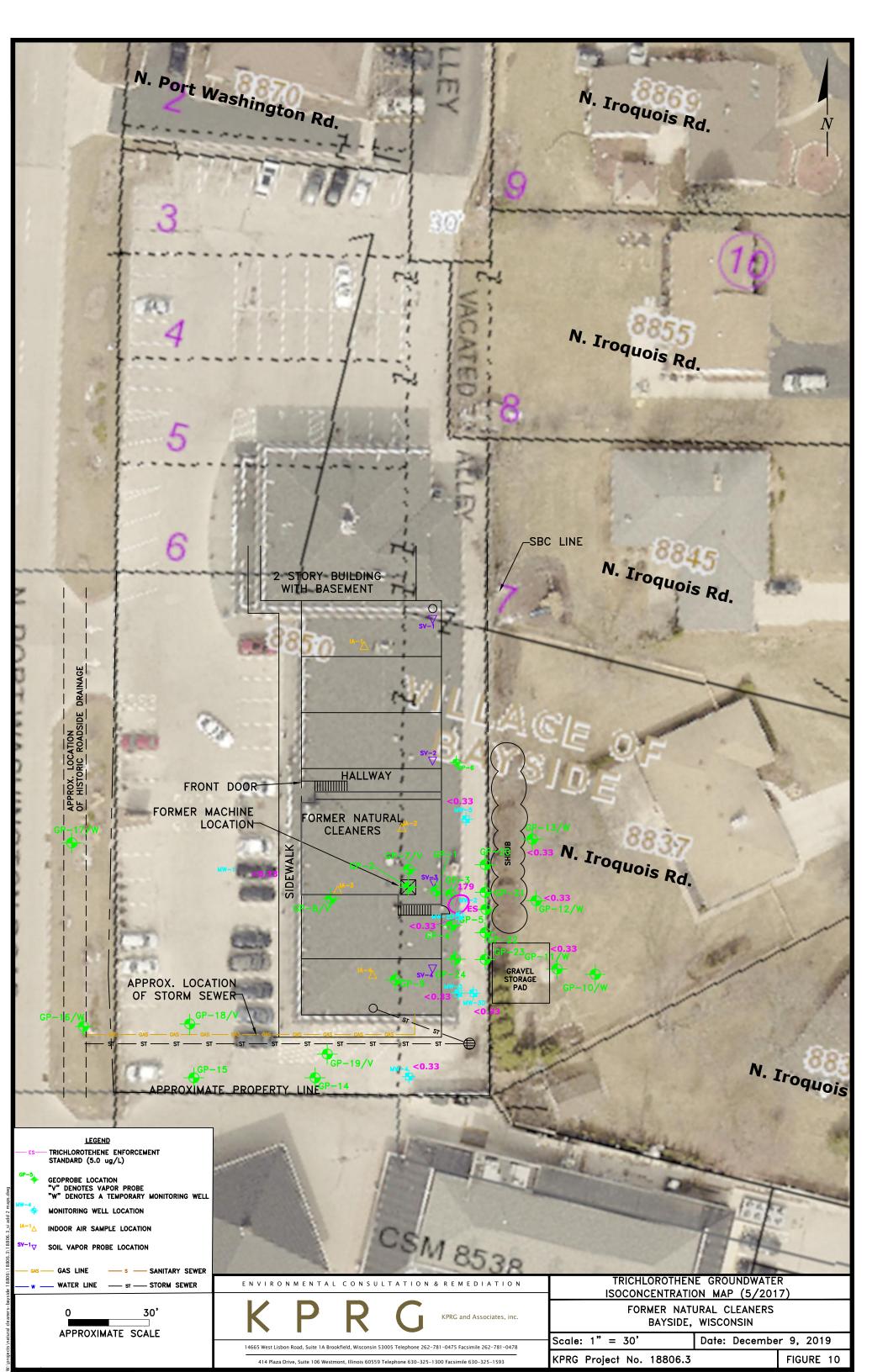


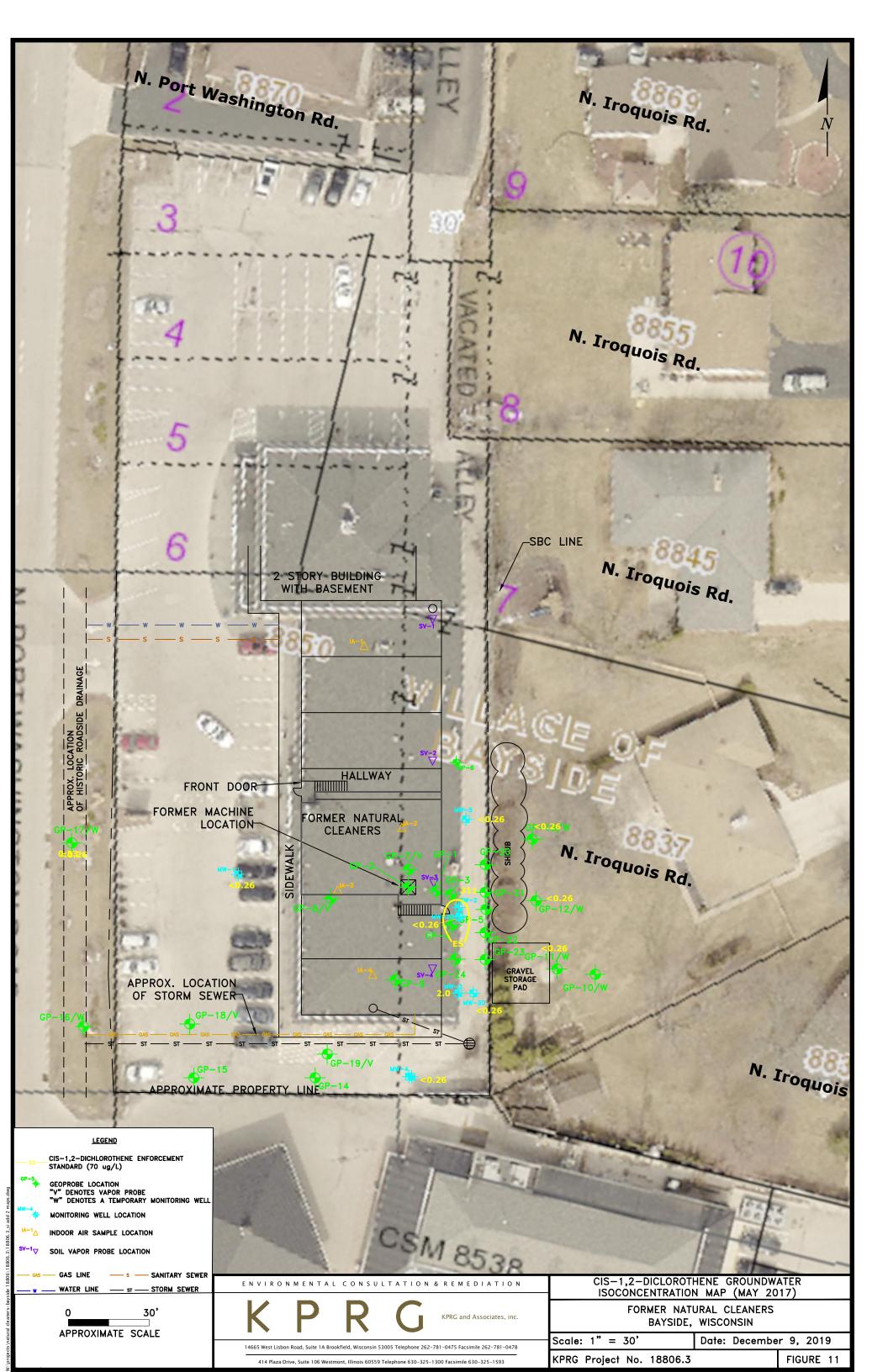












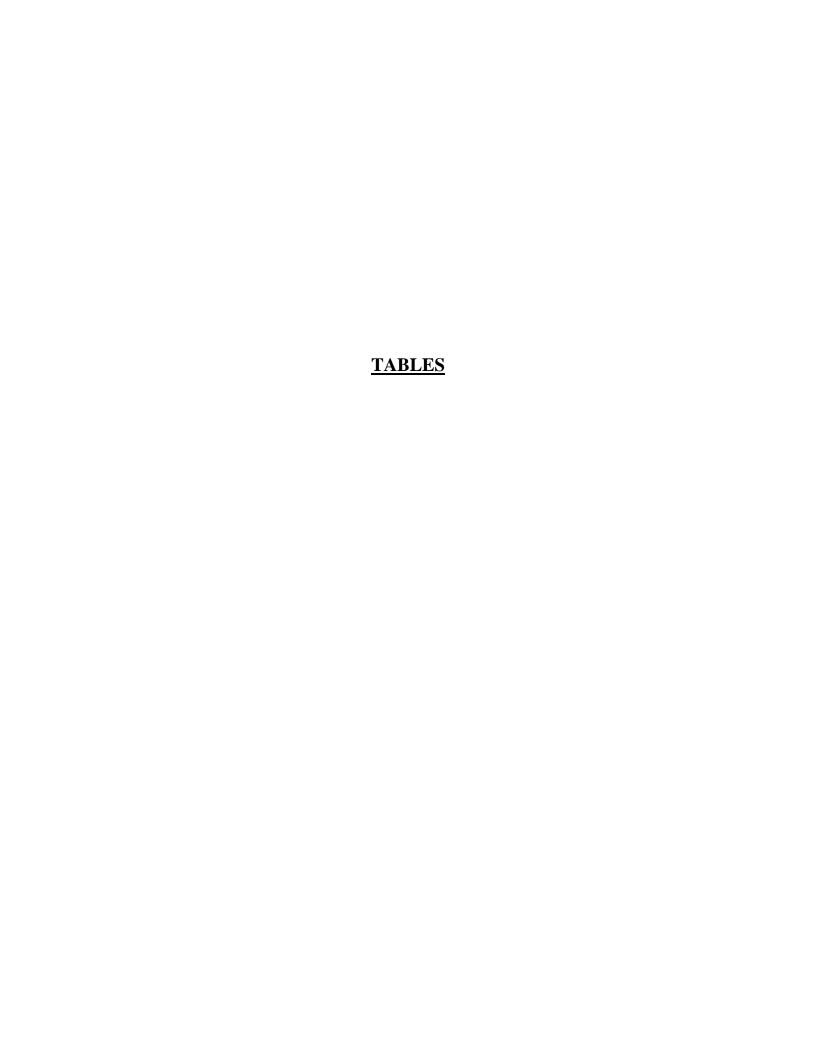


Table 1. Monitoring Well Casing and Water Level Elevations - Natural Cleaners, Bayside, WI

WELL	Elev USGS	1/24/2	2008	6/11/2	2008	8/26/2	2008	6/25/2	2009
WLLL	Datum	Depth to Water	Water Elev						
MW-1	687.75	18.86	668.89	12.46	675.29	6.79	680.96	6.16	681.59
MW-2	687.69	8.22	679.47	9.58	678.11	9.35	678.34	7.35	680.34
MW-2D	687.64	32.19	655.45	33.08	654.56	30.47	657.17	28.03	659.61
MW-3	686.99	22.05	664.94	18.72	668.27	14.85	672.14	13.82	673.17
MW-4	686.62	22.84	663.78	14.43	672.19	8.94	677.68	6.75	679.87

WELL	Elev USGS	6/3/2	010	9/16/2	2010	12/15/	2010	4/5/2	011
WLLL	Datum	Depth to Water	Water Elev						
MW-1	687.75	10.27	677.48	5.50	682.25	9.98	677.77	9.50	678.25
MW-2	687.69	7.62	680.07	7.47	680.22	11.83	675.86	7.20	680.49
MW-2D	687.64	28.38	659.26	28.49	659.15	32.10	655.54	28.00	659.64
MW-3	686.99	15.15	671.84	14.33	672.66	16.20	670.79	15.61	671.38
MW-4	686.62	7.06	679.56	9.39	677.23	12.00	674.62	9.38	677.24

WELL	Elev USGS	11/11/	2013	2/19/2	2014	5/17/2	2017
WELL	Datum	Depth to Water	Water Elev	Depth to Water	Water Elev	Depth to Water	Water Elev
MW-1	687.80	4.74	683.06	11.01	676.79	7.03	680.77
MW-2	687.74	7.96	679.78	9.22	678.52	7.54	680.20
MW-2D	687.66	28.50	659.16	28.35	659.31	27.11	660.55
MW-3	687.05	13.98	673.07	15.90	671.15	14.34	672.71
MW-3D	687.01	NI	NI	NI	NI	48.35	638.66
MW-4	686.68	8.51	678.17	10.92	675.76	7.92	678.76
MW-5	687.57	NI	NI	NI	NI	20.70	666.87
GP-10	684.27	6.60	677.67	4.17	680.10	NS	NS
GP-11	684.43	3.95	680.48	3.33	681.10	0.51	683.92
GP-12	684.70	5.38	679.32	7.89	676.81	1.40	683.30
GP-13	686.92	7.05	679.87	5.06	681.86	1.25	685.67
GP-16	686.74	2.71	684.03	3.89	682.85	1.85	684.89
GP-17	687.92	3.40	684.52	4.17	683.75	3.23	684.69

Notes: All Water Elevations are in feet above mean sea level. NI - Not Installed

NS - Not Sampled

Table 2. Estimated Hydraulic Conductivities - Natural Cleaners

	Estimated	d Hydraulic Condu	uctivity
Well No.	cm/sec	ft/min	ft/day
MW-1	3.26E-06	6.41E-06	9.23E-03
MW-2	1.79E-06	3.52E-06	5.07E-03
MW-2D	2.26E-06	4.44E-06	6.39E-03
MW-3	1.49E-06	2.93E-06	4.22E-03
MW-4	1.71E-06	3.36E-06	4.84E-03

Table 3. Soil Sampling Analytical Results For Detections of VOC and TOC - Former Natural Cleaners, Bayside, WI

	SAMPLE ID	WDNR Non-I Standa		GP-1 (1-2')	GP-2 (1-2')	GP-3 (3-4')	GP-4 (3-4')	GP-5 (8-10')	GP-5 (13-15')	GP-6 (3-5')	GP-7 (3.5-4')	GP-8 (2-3.5')
ANALYTE	DATE	Direct Contact	Soil-GW	11/17/2006	11/17/2006	11/17/2006	11/17/2006	12/20/2007	12/20/2007	12/20/2007	12/20/2007	12/20/2007
cis-1,2-Dichlor	roethene	156,000	41.2	290	<29	<30	<29	<500	<u>140</u>	<25	<25	<25
trans-1,2-Dich	loroethene	1,560,000	62.6	<30	<29	<30	<29	<500	<25	<25	<25	<25
Tetrachloroeth	nene	33,000	4.5	800	<u>540</u>	2,400	<u>8,100</u>	82,000	<u>5,100</u>	<25	<u>170</u>	<25
Trichloroethen	ne	1,300	3.6	<u>1,100</u>	<u>32</u>	<u>180</u>	<u>120</u>	<u>960 Q</u>	<u>150</u>	<25	<u>39 Q</u>	<25
Viny chloride		67	0.1	<42	<40	<42	<41	<500	<25	<25	<25	<25
TOC (mg/kg)		NE	NE	NA	NA	NA	NA	NA	NA	3,300	NA	NA

	SAMPLE ID	WDNR Non-I Standar		GP-9 (2-3')	GP-10 (2-3')	GP-10 (9-10')	MW-1 (1-4')	MW-2 (8-10')	MW-2 (16-18')	MW-3 (8-10')	GP-11 (8-9')	GP-12 (8-9')
ANALYTE	DATE	Direct Contact	Soil-GW	12/20/2007	6/22/2009	6/22/2009	12/21/2007	12/19/2007	12/19/2007	12/19/2007	9/25/2013	9/26/2013
cis-1,2-Dichlor	oethene	156,000	41.2	<25	<25	<25	<25	<200	<25	<u>170</u>	<25	<25
trans-1,2-Dichl	oroethene	1,560,000	62.6	<25	<25	<25	<25	<200	<25	<25	<25	<25
Tetrachloroeth	ene	33,000	4.5	<25	<25	<25	<25	<u>36,000</u>	<25	<25	<25	<25
Trichloroethen	е	1,300	3.6	<25	<25	<25	<25	<u>950</u>	<25	<u>140</u>	<25	<25
Viny chloride		67	0.1	<25	<25	<25	<25	<200	<25	<25	<25	<25
TOC (mg/kg)		NE	NE	NA	NA	NA	17,000	NA	NA	6,500	NA	NA

	SAMPLE ID	WDNR Non-I Standa		GP-13 (8-9')	GP-14 (1-3')	GP-15 (2-4')	GP-16 (8-9')	GP-17 (8-9')	GP-20 (1-3')	GP-20 (5-7')	GP-21 (1-3')	GP-21 (10-12')
ANALYTE	DATE	Direct Contact	Soil-GW	9/27/2013	9/28/2013	9/29/2013	9/30/2013	9/30/2013	3/15/2017	3/15/2017	3/15/2017	3/15/2017
cis-1,2-Dichlor	roethene	156,000	41.2	<25	<25	<25	<25	<25	<25.0	<u>142</u>	<u>159</u>	<u>573 J</u>
trans-1,2-Dich	loroethene	1,560,000	62.6	<25	<25	<25	<25	<25	<25.0	38.3 J	<u>207</u>	<250
Tetrachloroeth	nene	33,000	4.5	<25	<25	<25	<25	<25	<u>138</u>	<u>949</u>	<u>90.7</u>	<u>54,200</u>
Trichloroethen	ne	1,300	3.6	<25	<25	<25	<25	<25	<25.0	<u>668</u>	<u>68.3 J</u>	<u>3,440</u>
Viny chloride		67	0.1	<25	<25	<25	<25	<25	<u>51.5 J</u>	<25.0	<u>321</u>	<250
TOC (mg/kg)		NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

	SAMPLE ID	WDNR Non-I Standa		GP-22 (1-3')	GP-22 (8-10')	GP-23 (1-3')	GP-23 (8-10')	GP-24 (1-3')	GP-24 (8-10')	MW-5 (1-3')	MW-5 (10-12')
ANALYTE	DATE	Direct Contact	Soil-GW	3/15/2017	3/15/2017	3/15/2017	3/15/2017	3/15/2017	3/15/2017	3/15/2017	3/15/2017
cis-1,2-Dichlor	roethene	156,000	41.2	<25.0	<50.0	<25.0	<25.0	<25.0	39.6 J	<u>76.1</u>	<25.0
trans-1,2-Dichl	loroethene	1,560,000	62.6	<25.0	<50.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Tetrachloroeth	nene	33,000	4.5	<u>149</u>	<u>7,480</u>	<u>88.4</u>	<u>3,460</u>	<u>635</u>	<u>4,690</u>	<u>844</u>	<u>1,670</u>
Trichloroethen	ie	1,300	3.6	<25.0	<u>750</u>	<25.0	<u>316</u>	<u>226</u>	403	<u>305</u>	<u>78.5</u>
Viny chloride		67	0.1	42.6 J	<50.0	54.3 J	<25.0	<25.0	<25.0	<25.0	<25.0
TOC (mg/kg)		NE	NE	NA	NA	NA	NA	NA	NA	NA	NA

Notes: All results are in ug/kg, unless otherwise noted

RCL - Residual Contaminant Level

Soil-GW - Soil to Groundwater RCL

<u>Underline</u> - Value exceeds the soil-to-gw RCL <u>Bold</u> - Value exceeds the direct contact RCL

NE - Not Established

J - Detected between the limits of detection and quantitation

Q - Analyte detected between limit of detection and limit of quantification. The result is qualified due to the uncertainity of analyte concentration within this range.

Table 4. Summary of Groundwater Sample Analytical Results - Former Natural Cleaners, Bayside, WI

Danamatas Nama	WDNR	NR 140						MW-1											MW-2					
Parameter Name	PAL	ES	1/24/2008	6/4/2008	8/26/2008	6/25/2009	6/3/2010	9/16/2010	12/15/2010	4/5/2011	11/11/2013	2/20/2014	5/17/2017	1/24/2008	6/4/2008	8/26/2008	6/25/2009	6/3/2010	9/16/2010	12/15/2010	4/5/2011	11/12/2013	2/20/2014	5/18/2017
1,2-Dichloroethane	0.5	5	<0.36	<0.36	<0.75	<0.36	<0.36	<0.36	<0.36	<0.36	<0.48	<0.48	<0.17	<0.90	<u>0.67 J</u>	<u>1.3</u>	<u>1.1J</u>	<u>1.4 J</u>	<0.72	<0.72	<u>1.5 J</u>	<2.4	<1.9	<u>1.6 J</u>
cis-1,2-Dichloroethene	7	70	< 0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.42	<0.42	<0.26	<u>180</u>	<u>168</u>	<u>187</u>	<u>221</u>	<u>276</u>	247	<u>218</u>	<u>258</u>	<u>366</u>	299	<u>311</u>
trans-1,2-Dichloroethene	20	100	< 0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.37	<0.37	<0.26	<u>23</u>	18.1	22.8	32.3	43.3	40.7	34.3	40.1	<u>74.6</u>	<u>56.9</u>	80.3
Methyl-tert-butyl ether	12	60	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	NA	NA	NA	<1.5	<0.61	<0.61	<1.2	<1.2	<1.2	<1.2	<1.2	NA	NA	NA
Tetrachloroethene	0.5	5	< 0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.47	<0.47	<0.50	<u>320</u>	<u>164</u>	<u>199</u>	<u>412</u>	<u>565</u>	<u>539</u>	<u>450</u>	<u>507</u>	<u>1070</u>	<u>757</u>	1080
1,1,1-Trichloroethane	40	200	< 0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.44	<0.44	<0.50	5.1 Q	3.1	4.8	7.1	7.4	8.6	7.7	6.9	9.0	7.2	7.1
Trichloroethene	0.5	5	< 0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.36	<0.36	<0.33	<u>58</u>	<u>33</u>	<u>50.1</u>	<u>76.3</u>	95.6	99.6	<u>86.9</u>	<u>97.5</u>	<u>161</u>	<u>129</u>	<u>179</u>
Vinyl Chloride	0.02	0.2	< 0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<u>7.2</u>	<0.18	4.3	<u>11.9</u>	<u>14.6</u>	<u>2.1</u>	<0.36	<u>1.6 J</u>	<u>56.9</u>	2.6 J	<u>13.4</u>
																								├
Dissolved Oxygen (mg/l)	NE	NE	1.32	0.70	0.48	1.03	0.39	0.20	0.27	0.60	0.71	0.69	0.94	1.04	0.64	0.69	1.14	0.28	0.32	0.28	0.81	0.21	0.97	0.52
Oxidation-Reduction Potential	NE	NE	163	16.9	174	135	111.5	113	-30.3	59.9	93.0	-84.2	112.6	170	2.0	145.0	93.8	63.6	119.0	-64.4	50.1	87.4	-73.1	101.7

Parameter Name	WDNR	NR 140						MW-2D											MW-3						MV	W-3D
Parameter Name	PAL	ES	1/24/2008	6/4/2008	8/26/2008	6/25/2009	6/3/2010	9/16/2010	12/15/2010	4/5/2011	11/12/2013	2/20/2014	5/18/2017	1/24/2008	6/4/2008	8/26/2008	6/25/2009	6/3/2010	9/16/2010	12/15/2010	4/5/2011	11/12/2013	2/20/2014	5/18/2017	5/18/2017	12/1/2017
1,2-Dichloroethane	0.5	5	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.48	<0.48	<0.17	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.48	<0.48	<0.17	<0.17	<0.17
cis-1,2-Dichloroethene	7	70	< 0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.42	1.2	<0.26	< 0.83	<0.83	1.3	<0.83	<0.83	<0.83	<0.83	<0.83	1.7	0.88 J	2.0	<0.26	<0.26
trans-1,2-Dichloroethene	20	100	< 0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.37	<0.37	<0.26	< 0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.37	<0.37	0.42 J	<0.26	<0.26
Methyl-tert-butyl ether	12	60	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	NA	NA	NA	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	< 0.45	<0.45	<u>0.51 J</u>	<0.45	<0.57 J	0.64 J	<u>1.0</u>	<u>0.62 J</u>	<u>1.1</u>	3.0	<u>0.61 J</u>	< 0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.47	<0.47	<0.50	<0.50	<0.50
1,1,1-Trichloroethane	40	200	< 0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.44	<0.44	<0.50	< 0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.44	<0.44	<0.50	<0.50	<0.50
Trichloroethene	0.5	5	< 0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.36	0.58 J	<0.33	< 0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.36	<0.36	<0.33	<0.33	<0.33
Vinyl Chloride	0.02	0.2	< 0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<u>0.42 Q</u>	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
																										1
Dissolved Oxygen (mg/l)	NE	NE	2.13	1.01	4.35	1.00	0.69	0.84	0.65	0.44	0.49	0.70	0.53	1.40	0.86	0.91	1.13	1.97	0.40	0.89	0.63	0.60	0.90	0.58	1.44	1.46
Oxidation-Reduction Potential	NE	NE	169	3.7	108	11.6	-30.1	87.4	-30.6	1.1	4.4	-74.9	-28	170	12.5	146	96.6	46.3	95.4	-23.2	57.6	23.5	-71.7	176.8	137.9	-24.6

Daniel and Maria	WDNR	NR 140						MW-4						MV	V-5				GP-10			
Parameter Name	PAL	ES	1/24/2008	6/4/2008	8/26/2008	6/25/2009	6/3/2010	9/16/2010	12/15/2010	4/5/2011	11/11/2013	2/20/2014	5/17/2017	5/18/2017	12/1/2017	6/25/2009	6/3/2010	9/16/2010	12/15/2010	4/5/2011	11/11/2013	2/19/2014
1,2-Dichloroethane	0.5	5	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.48	<0.48	<0.17	<0.17	<0.17	<0.36	<0.36	<0.36	<0.36	<0.36	<0.48	<0.48
cis-1,2-Dichloroethene	7	70	< 0.83	0.86J	< 0.83	< 0.83	<0.83	<0.83	<0.83	<0.83	<0.42	<0.42	<0.26	<0.26	1.7	< 0.83	<0.83	<0.83	<0.83	<0.83	<0.42	<0.42
trans-1,2-Dichloroethene	20	100	< 0.89	<0.89	< 0.89	< 0.89	<0.89	<0.89	<0.89	<0.89	<0.37	<0.37	<0.26	<0.26	<0.26	< 0.89	<0.89	<0.89	<0.89	<0.89	<0.37	<0.37
Methyl-tert-butyl ether	12	60	<0.61	9.3	9.0	23.6	28.9	22.4	20.3	21.8	NA	NA	NA	NA	NA	<0.61	<0.61	<0.61	<0.61	<0.61	NA	NA
Tetrachloroethene	0.5	5	< 0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.47	<0.47	<0.50	<0.50	4.0	<0.45	<0.45	<0.45	<0.45	<0.45	<0.47	<0.47
1,1,1-Trichloroethane	40	200	< 0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.44	<0.44	<0.50	<0.50	<0.50	<0.90	<0.90	<0.90	<0.90	<0.90	<0.44	<0.44
Trichloroethene	0.5	5	< 0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.36	<0.36	<0.33	<0.33	<u>1.5</u>	<0.48	<0.48	<0.48	<0.48	<0.48	<0.36	<0.36
Vinyl Chloride	0.02	0.2	< 0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Dissolved Oxygen (mg/l)	NE	NE	1.30	0.78	0.60	1.14	0.21	0.29	0.42	0.57	3378	0.30	0.57	4.89	0.45	6.66	1.41	1.26	4.56	1.99	1.0	NM
Oxidation-Reduction Potential	NE	NE	150	11.5	179	56.5	-13.1	46.8	-24.8	62.2	89.0	-74.8	-12.5	157.5	86.5	116	29.8	27.1	-21.3	141.1	31.5	NM

Parameter Name	WDNR	NR 140		GP-11			GP-12			GP-13			GP	-16			GP-17		Sump-N	Sump-S
Parameter Name	PAL	ES	11/11/2013	2/19/2014	5/17/2017	11/11/2013	2/19/2014	5/17/2017	11/11/2013	2/19/2014	5/17/2017	11/11/2013	2/19/2014	10/1/2015	5/17/2017	11/11/2013	2/19/2014	5/17/2017	2/20/2014	2/20/2014
1,2-Dichloroethane	0.5	5	<0.48	<0.48	<0.17	<0.48	<0.48	<0.17	<0.48	<0.48	<0.17	<0.48	<0.48	NA	<0.17	<0.48	<0.48	<0.17	<0.48	<0.48
cis-1,2-Dichloroethene	7	70	<0.42	<0.42	<0.26	<0.42	<0.42	<0.26	<0.42	<0.42	<0.26	1.7	1.4	1.2	0.54 J	<0.42	<0.42	<0.26	<0.42	<0.42
trans-1,2-Dichloroethene	20	100	<0.37	<0.37	<0.26	<0.37	<0.37	<0.26	<0.37	<0.37	<0.26	<0.37	<0.37	NA	<0.26	<0.37	<0.37	<0.26	<0.37	<0.37
Methyl-tert-butyl ether	12	60	NA	NA	NA	NA	NA	NA	NA	NA	NA									
Tetrachloroethene	0.5	5	<0.47	<0.47	<0.50	<0.47	<0.47	<0.50	<0.47	<0.47	<0.50	<0.47	<0.47	<0.50	<0.50	<0.47	<0.47	<0.50	<0.47	<0.47
1,1,1-Trichloroethane	40	200	<0.44	<0.44	<0.50	<0.44	<0.44	<0.50	<0.44	<0.44	<0.50	<0.44	<0.44	<0.50	<0.50	<0.44	<0.44	<0.50	<0.44	<0.44
Trichloroethene	0.5	5	<0.36	<0.36	<0.33	<0.36	<0.36	<0.33	<0.36	<0.36	<0.33	<0.36	<0.36	<0.33	<0.33	<0.36	<0.36	<0.33	<0.36	<0.36
Vinyl Chloride	0.02	0.2	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	0.40 J	0.33 J	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Dissolved Oxygen (mg/l)	NE	NE	2.1	NM	2.2	2.7	NM	1.7	0.9	NM	1.7	1.9	NM	NM	1.9	1.4	NM	1.7	NM	NM
Oxidation-Reduction Potential	NE	NE	109.3	NM	145.5	100.8	NM	103.7	149.5	NM	45.3	92.1	NM	NM	31.1	81.4	NM	31.2	NM	NM

Note: All vaules are in ug/L unless otherwise noted.
PAL - Preventative Action Limit
ES - Enforcement Standard

NA - Not Analyzed

Bold - Result exceeds the ES

NM - Not Measured Bold - Result exceeds the PAL Q / J - Result estimated. Analyte detected between limits of detection and quantification.

Table 5. Summary of Groundwater Sample Analytical Results: Ethane; Ethene; Methane; Nitrogen, Nitrate; Sulfide; Sulfate; Total Organic Carbon - Natural Cleaners, Bayside, WI

Parameter Name	WDNR	NR 140	M\	V-1	MV	V-2	MW	/-2D	M\	W-3	M\	N-4
i arameter ivame	PAL	ES	1/24/2008	8/26/2008	1/24/2008	8/26/2008	1/24/2008	8/26/2008	1/24/2008	8/26/2008	1/24/2008	8/26/2008
Ethane, dissolved	NE	NE	< 10	<1.6	< 10	<1.6	< 10	<1.6	< 10	<1.6	< 10	<1.6
Ethene, dissolved	NE	NE	< 10	<1.4	< 10	<1.4	< 10	<1.4	< 10	<1.4	< 10	<1.4
Methane, dissolved	NE	NE	< 10	<2.0	< 10	<2.0	< 10	<2.0	< 10	<2.0	< 10	<2.0
Nitrogen, Nitrate (mg/l)	2	10	0.57	3.8	0.45	<0.085	0.16	0.23 J	0.25	1.7	0.43	15 J
Sulfide (mg/l)	NE	NE	< 2.3	<2.3	< 2.3	<2.3	< 2.3	<2.3	< 2.3	<2.3	< 2.3	<2.3
Sulfate (mg/l)	125 ^a	250 a	2300	<u>1960</u>	110	<u>135</u>	47	66.5	130	<u>465</u>	<u>290</u>	565
Total Organic Carbon (mg/l)	NE	NE	7.0	8.8	4.9	3.2	3.7	4.5	6.6	3.0	7.4	6.8

Note: All vaules are in ug/L unless otherwise noted.

PAL - Preventative Action Limit

ES - Enforcement Standard

<u>Bold</u> - Result exceeds the ES <u>Underline</u> - Result exceeds the PAL

Q / J - Result estimated. Analyte detected between limits of detection and quantification.

Table 6 - Summary of Sub-Slab Vapor Sample Analytical Results - Former Natural Cleaners, Bayside, WI

Sar	nple Name	WDNR Smal	l Commercial	GP-7 / V	GP-8 / V	SV-1	SV-2	SV-3
Parameter	Date	Indoor VAL	/AL Sub-Slab 1/13/2008 1/1		1/13/2008	3/31/2017	3/31/2017	3/31/2017
1,1-Dichloroetha	ne	77	2,600	NA	NA	< 0.23	<0.24	<0.24
1,1-Dichloroethe	ne	4.7	160	NA	NA	<0.34	< 0.37	< 0.37
cis-1,2-Dichloroethene		NV	NV	7,740	ND	0.66 J	<0.38	8.7
,		NV	NV	778	ND	<0.55	<0.60	7.8
Tetrachloroether	ne	180	6,000	15,500	110	2.5	0.68 J	175
1,1,1-Trichloroet	hane	22,000	730,000	130	ND	<0.36	<0.38	0.36 J
Trichloroethene		8.8	290 3,560 4.42		4.42	0.49 J	<0.43	32
Vinyl Chloride		28	930	ND	ND	<0.28	<0.30	<0.30

Notes: All values in ug/m³.

SV samples collected while SSDS shut off as directed by the WDNR.

VAL - Vapor Action Level

VRSL - Vapor Risk Screening Level NA - Not Analyzed

NV - No Value

ND - Non-Detect

BOLD - Result exceeds the Sub-Slab VRSL

Table 7. Summary of Detected Soil Vapor Sample Analytical Results - Natural Cleaners, Bayside, WI

Parameter Name	VRSL	GP-18	GP-19
	Deep Soil	10/06/15	10/06/15
1,1-Dichloroethane	7,700	<0.74	<0.79
1,1-Dichloroethene	88,000	<1.1	<1.2
cis-1,2-Dichloroethene	NS	<1.2	<1.2
trans-1,2-Dichloroethene	NS	NA	NA
Tetrachloroethene	18,000	<1.3	4.9
1,1,1-Trichloroethane	400,000	<1.2	<1.2
Trichloroethene	880	<1.3	1.7 J
Vinyl Chloride	2,800	<0.92	<0.99

Note: All vaules are in ug/m3.

Screening Levels are from USEPA Region 3, Table for Regional Screening Levels for Chemical Contaminants

NS - No Standard

ND - Non-Detect

NA - Not Analyzed

* - The sample was analyzed by serial dilution

<u>Underline -</u> Value exceeds the Residential Air Screening Level

<u>BOLD</u> - Value exceeds the Industrial Air Screening Level

VRSL - Vapor Risk Screening Levels

Table 8. Summary of Indoor Air Sample Analytical Results - Former Natural Cleaners, Bayside, WI

Parameter Name	Screenin	g Levels	IA	1	IA	·-2	IA	-3	IA	\-4
Parameter Name	Residential	Non-Res	9/27/2013	10/2/2015	9/27/2013	10/2/2015	9/27/2013	10/2/2015	9/27/2013	10/2/2015
1,1-Dichloroethane	18	77	NA	<0.24	NA	<0.23	NA	<0.23	NA	<0.23
1,1-Dichloroethene	210	880	NA	<0.37	NA	<0.34	NA	<0.35	NA	<0.35
cis-1,2-Dichloroethene	NV	NV	<1.2	<0.38	<1.1	<0.35	<1.1	<0.37	<1.1	<0.37
trans-1,2-Dichloroethene	NV	NV	<1.2	NA	<1.1	NA	<1.1	NA	<1.1	NA
Tetrachloroethene	42	180	<0.99	2.3	<0.96	1.9	1.1	2.0	1.1	1.7
1,1,1-Trichloroethane	5,200	22,000	NA	<0.38	NA	<0.36	NA	<0.37	NA	<0.37
Trichloroethene	2.1	8.8	6.6	<0.43	7.0	<0.40	8.5	<0.41	6.6	<0.41
Vinyl Chloride	1.7	28	<0.37	<0.30	<0.36	<0.28	<0.36	<0.29	<0.36	<0.29

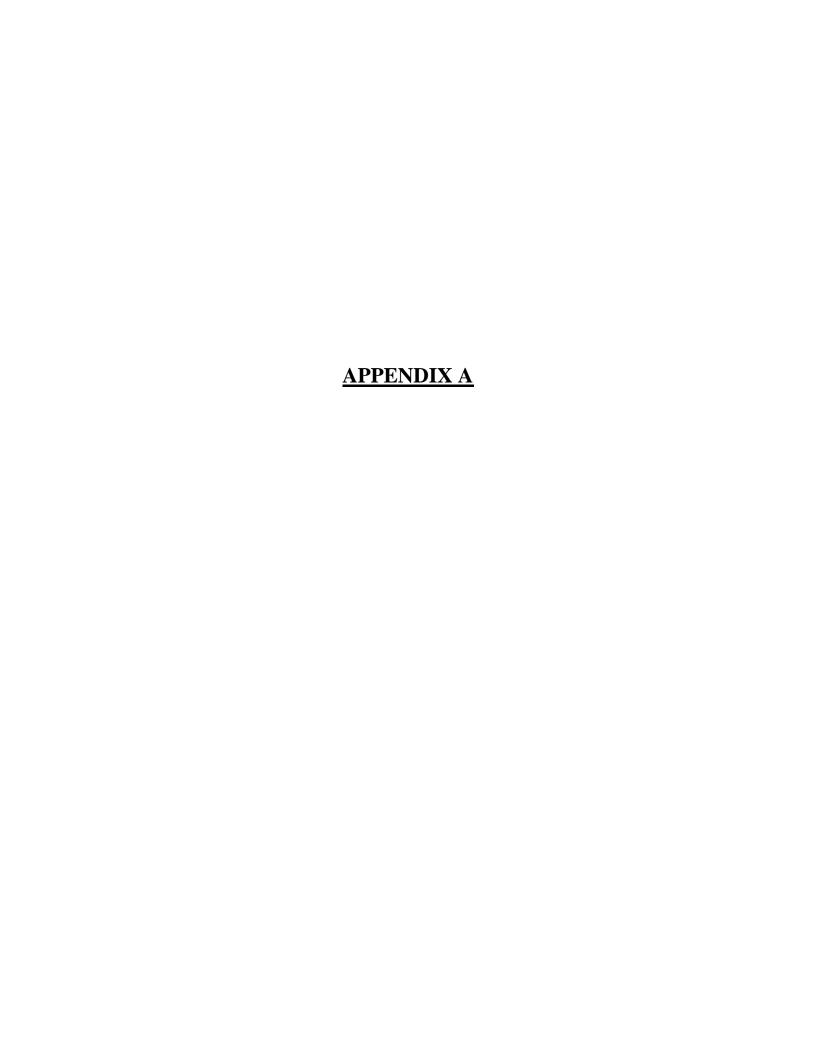
Note: All vaules are in mg/m3.

NA - Not Analyzed

NV - No value

**Italics - Value exceeds the Residential Air Screening Level

BOLD - Value exceeds the Non-Residential Air Screening Level



State of Wisconsin
Department of Natural Resources

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State of Wisconsin
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State of Wisconsin	
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State of Wisconsin Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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Facility/Project 1	Name	forme	r Natural Clean	ers		License	/Permit	/Monito	ring Nu	ımber			Bo	ring Nu	mber	MW-	-3D
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Boring: MW-3D Site: former Natural Cleaners Page 2 of 2

		. 111	W-3D	Site. Tormer Natural Cleaners										age		
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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	Compressive	Moisture	Content	Liquid Limit	Limit	Plasticity Index	P 200	RQD / Comments
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State of Wisconsin
Department of Natural Resources

** **			Route	: To:			ustewater 📙 Was Revelopment 🔀 (ment	<u></u>		·							
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State of Wisconsin Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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Facility/Pro	oject l	Name	form	er N	Natural Cle	eaners	S		Li	icense	/Permit	/Monit	orin	ıg Nu	mber			F	Bori	ing Nu	mbe	r	MW-:	5	
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Number and Type Length Att. &	Recovered (in)	Blow Counts	Depth in Feet	b		nd Geo	ock Desc ologic Or n Major U	igin For			USCS	Graphic Log	Well	Men Diagram	PID/FID	Compressive	Strength	Moisture	Content	Liquid Limit	Plasticity	Index	P 200	RQD / Comments	
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Site: former Natural Cleaners Boring: MW-5 Page 2 of 2

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State of Wisconsin
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State of Wisconsin
Department of Natural Resources

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State of Wisconsin
Denartment of Natural Resources

SOIL BORING LOG INFORMATION

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SOIL BORING LOG INFORMATION

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Facility/Project	Name	forme	r Natural Cleaners	Licer	nse/Permit	/Monito	ring Nu	mber		Boı	ing Nu	ımber	GP-1	1
			ew chief (first,last) and Firm	Date	Drilling S	tarted		Date D	rilling C	omplete	d	Drillin	g Metho	od
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4		2	Brown Silty Clay, trace med sand a	nd										
			gravel, sl moist.					0						
		4	- begin with light gray stringers											
		•						0						
4		6	- begin trace stringers											
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4		10	- fine to med sand deam, wet						-					
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This form is authorized by Chapters 281, 283, 289, 291, 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 inprisonment for up to one year, depending on the program and consuct invloved. 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.

KPRG and Associates, Inc.

SOIL BORING LOG INFORMATION

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	Rou		Watershed / Wastev Remediation / Rede		Waste	Manager Other]			_				Pa	age	1	of	1	
Facility/Project N	Name	C	Not al Classic			License	/Permit	/Monito	ring N	ımber			Bor	ing l	Num					
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SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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Grass over black top soil, clayey Dark Reddish Brown Silty Clay, trace sand and gravel, organics, dry Brown Silty Clay with sand and gravel, light gray stringers, dry. - 6 - begin moist - 8 - begin no stringers - 10 Gray Silty Clay, trace sand and gravel, trace rust mottling, moist. 3 - 14 - 16 - 16 - 18 - 18 - 18 - 20 - 22	غ 4	$\overline{}$	Blow Counts	Depth in Feet	(below ground surface)		And (Geologic (Origin For			USCS	Graphic	Log	Well	Diagram	PID/FID	Compressive	Strength						Index	P 200	RQD/	
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Signature Firm KPRG and Associates, Inc.			tify tha	— 2 — 2	20					to t	the best		m			-												

SOIL BORING LOG INFORMATION

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Facility/Project	Name	forme	r Natural Clear	ners		License	e/Permit	/Monito	ring N	umber			Bo	ring Nı	ımber	(GP-14	1	
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Facility ID 341140250 County Milwaukee County Code 41 Civil Town / City / or Village Bayside Sample															RQD / Comments				
Sample Alignment																			
Number and Type and T																			
Sample Sample Soil/Rock Description And Geologic Origin For Each Major Unit Asphalt over brown gravel base rock, dry. Brown Silt and Clay moist Asphalt over brown gravel base rock, dry. Brown Silt and Clay moist																			
Facility ID 341140250 County Milwaukee Sample Soli/Rock Description And Geologic Origin For Each Major Unit Asphalt over brown gravel base rock, dry. Brown Silt and Clay, moist. 4 Civil Town / City / or Village Bayside Soil Properties Soil Properties Soil Properties Asphalt over brown gravel base rock, dry. Brown Silt and Clay, moist. - lumber, glass																			
		<u> </u>			gravel	,													
4		10	- begin no str	ingers						2.7									
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Signature	,						Fir	m		ınd Ass	socia	ates	, Inc.						_

SOIL BORING LOG INFORMATION

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Facility Project Name former Natural Cleaners Boring Name GP-15		<u>Ro</u>	ute To		atershed / Was mediation / Re	stewater determined		Manage Other					_				Page	1	of	11	
The Name Date Law Name Broader Second Properties Propert	Facility/Project	Name	form	er N	Vatural Clea	ners		License	e/Permit	/Monito	ring N	umber			Во	ring N	umbei	r	GP-1:	5	
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Sample Soil Rock Description Soil Rock Description And Geologic Origin For Each Major Unit Face Major Unit F	State Plane				N,			L				L	ocal (Grid		N]		
Soil/Rock Description And Geologic Origin For Each Major Unit 4 Asphalt over Brown gravel base rock Dark Brown Silty Clay, trace med sand, slightly moist. 4 - 2 Asphalt over Brown gravel base rock Dark Brown Silty Clay, trace med sand, slightly moist. - 4 - black from 4 - 6 - 8 - gravel/cobble Brown Silty Clay, trace sand and gravel, lt gray stringers 8-9 feet. - 10 End of boring at 12 feet. Boring abandoned upon completion. I hereby certify that the information on this form is true and correct to the best of my knowledge.	Sample Soil/Rock Description Soil/Rock Description																				
Asphalt over Brown gravel base rock Dark Brown Silty Clay, trace med sand, slightly moist. - 4 - black from 4 - 6 - 8 - gravel/cobble Brown Silty Clay, trace sand and gravel, 1 t gray stringers 8-9 feet. - 10 End of boring at 12 feet. Boring abandoned upon completion. - 16 - 18 - 20 - 21 I hereby certify that the information on this form is true and correct to the best of my knowledge.	t. & '1	Blow Counts	Depth in Feet	(below glound surface)	And	d Geologic Origin	For		USCS	Graphic Log	Well	Diagram PID/FID	Compressive	Strength					P 200	RQD / Comments	
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SOIL BORING LOG INFORMATION

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Route To:	Watershed / Wastewater Waste Remediation / Redevelopment	Managem Other [nent]	Page 1	l of	1
Facility/Project Name forme	er Natural Cleaners	License/	Permit/	Monitor	ring Nu	mber		Boi	ring Nu		GP-1	
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Facility ID 341140250	County Milwaukee Co	unty Cod 41	e	Civil To	own / Ci	ity / or <u>\</u>	'illage	Bayside	е			
Number and Type Length Att. & eldiums 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	Compressive Strength		Liquid Limit	ity	P 200	RQD/ Comments
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Gray Clay, trace med to coarse sand, moist. End of boring at 15 feet. Boring converted to well.					0 0 0						
Signature	formation on this form is true and correct to t	tne best o	f my kn Firr	n		nd Asso	ociates	Inc				

SOIL BORING LOG INFORMATION

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Facility/Project Name former Natural Cleaners County		<u>Ro</u>	oute To:	Watershed / Was Remediation / Re		aste	Manager Other] ——				•					Pag	ge	1	of	1	
Date Drilling Started Date Drilling Completed Date Drilling Comp	Facility/Project	Name	forme	r Natural Clea	ners		License	/Permit	/Monito	ring	g Nur	nber			В	ori	ing N						
GP-17 Feet MSL Peet M	First Name: Firm: PROBE	_{Dan} Techn	me of cre	ew chief (first,last) Last Name: Bendorf) and Firm ^f		0 9 m m/	$\frac{3}{d}$ $\frac{0}{d}$	2 <u>0</u>	y	3	$\begin{array}{cc} \underline{0} & \underline{9} \\ m & m \end{array}$	3 d	$\frac{0}{d}$	2 <u>y</u>)	1 :	<u>3</u>		ng l	Method Geor	d probe	
tate Plane SW 1/4 of SE 1/4 of Section 5 , T 8 N R 22 E Sample Sample Soil Rock Description And Geologic Origin For Each Major Unit Soil Properties Soil P	WI Unique Wel	l No.	DNR V	Vell ID No.			Final S	tatic Wa				Surface	Ele			MS	L	В	oreh —	iole			
Sample Sample Sample Soil/Rock Description And Geologic Origin For Each Major Unit Soil/R	Local Grid Orig State Plane SW 1/4 of			N,	E	_E	L					Loc	cal C	Grid		_	N				I		
Soil/Rock Description And Geologic Origin For Each Major Unit Original And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin F	Facility ID	3411	40250	County	Лilwaukee	Co		de	Civil T	'owı	n / Ci	ty / or <u>\</u>	/illa	<u>ge</u>	Baysi	de							
Upper portion of boring excavated with hydro-jet for utility clearance. 1.5 Brown Silty Clay, tr med to coarse sand, some lt gray stringers, moist. - begin no stringers 0 - 10 - 12 Brown Clay, trace med sand, moist some gray mortling Gray Clay, trace med sand, very moist. 0 End of boring at 16 feet. Boring converted to well. Thereby certify that the information on this form is true and correct to the best of my knowledge.	t. & 1	Blow Counts	Depth in Feet (below ground surface)	And	l Geologic Origin For	•		SC	Graphic Log	Well	Diagram	PID/FID	Compressive	Strength						Illuex	P 200	RQD / Comments	
Signature	0 4		- 4 - 6 - 8 - 10 - 12 - 14 - 16 - 18 - 20 - 22	Brown Silty of some It gray: - begin no st Brown Clay, - some gray: Gray Clay, tr End of boring Boring conve	clay, tr med to coarse stringers, moist. ringers trace med sand, mois mottling ace med sand, very n g at 16 feet. erted to well.	e san	d,					0 0											
		tify tha	t the info	ormation on this fo	orm is true and correc	et to	the best	_	m		G ass	d As-	00:	otoc	Inc								

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

	<u>Ro</u>	oute To:	Watershed / W Remediation /	Vastewater	Waste	Manager Other]			.			P	age	1of	11
Facility/Projec	t Name	forme	er Natural Cl	eaners		License	e/Permit	/Monito	ring Nu	mber		В	oring	Nun	nber	GP-18	8/V
Boring Drilled	By: Nai		ew chief (first,la			Date D	rilling S	tarted		Date D	rilling C	Comple	ted		Drilling		
First Name:	Dan			ndorf			_	2 <u>0</u> y	<u>1</u> <u>5</u>		_	2 (<u>1</u>	<u>5</u>		Geopr	
Firm: Probe '		-	Well ID No.	Well Name				y y iter Leve			d d/ Elevati		у у		Boreho	le Diam	eter
•				GP-18/V				Feet M				Feet M	MSL			2	inches
	gin (e	stimated		g Location	Е	i	Lat			Lo	cal Grid	Locati	on	N	L		E
SW 1/4 of	SE	_1/4 of	Section 5	_ , T <u>8</u> N, R	22 E	L						Fee	et	S]	
Facility ID 341140250 County Milwaukee County Code 41 Civil Town / City / or Village Bayside Sample Soil Properties Soil/Rock Description Soil/Rock Description																	
Sample Soil/Rock Description Soil/Rock Description																	
Sample Soil/Rock Description Soil/Rock Description															δ		nts
mber 1 Typ ngth ,	× C	pth ir					S C S	aphic g	ill ıgran)/FIL	mpre	istur	luid	nit	sticit lex	00	nme
Re Le	BIc	(bel	1		G. C.	We		Co	Ŭ Č	Lii	Lir	Pla Ind	P 2	Co			
			_														
Sample Sample Sample Soil/Rock Description Soil/Rock Description Soil/Rock Description Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Rock Description And Geologic Origin For Each Major Unit Soil/Roc																	
			Brown Sil	ty Clay, trace organi	cs, sl mo	oist.				0							
State Plane SW 1/4 of SE 1/4 of Section 5 , T 8 N, R 22 E Facility ID 341140250 County Milwaukee County Code 41 Civil Town / City / or Village Bay Sample Sumo And Geologic Origin For Each Major Unit And Geologic Origin For Each Major Unit Asphalt over sandy gravel Dark Brown Silty Clay, trace gravel, sl moist. 3 Asphalt over sandy gravel Dark Brown Silty Clay, trace organics, sl moist. - soft, peat Brown and Gray mottled Clay, sl moist. - silt and fine sand Brown Silty Clay, some gray stringers.																	
Local Grid Origin (estimated:) or Boring Location State Plane SW 1/4 of SE 1/4 of Section 5 7 8 N R 22 E Long Local Grid Location																	
Sample Sample Sample Soll/Rock Description And Geologic Origin For Each Major Unit Asphalt over sandy gravel Dark Brown Silty Clay, trace organics, sl moist. Soll Rock Description And Gray mottled Clay, sl moist. Soll Rock Description And Gray mottled Clay, sl moist. Soll Rock Description And Geologic Origin For Each Major Unit Soll Rock																	
Sample Sample Sample Soil/Rock Description And Geologic Origin For Each Major Unit Soil Properties Soil Properties Soil Properties Asphalt over sandy gravel Dark Brown Silty Clay, trace gravel, sl moist. Soil Properties Asphalt over sandy gravel Dark Brown Silty Clay, trace gravel, sl moist. Soil Properties Asphalt over sandy gravel Dark Brown Silty Clay, trace organics, sl moist. Soil Properties Soil Properties Soil Properties Asphalt over sandy gravel Dark Brown Silty Clay, trace gravel, sl moist. Soil Properties Asphalt over sandy gravel Dark Brown Silty Clay, trace organics, sl moist. Soil Properties Soil Properties Soil Properties And Geologic Origin For Each Major Unit Soil Properties And Geologic Origin For Each Major Unit Soil Properties And Geologic Origin For Each Major Unit Soil Properties And Geologic Origin For Each Major Unit Soil Properties And La La La La La La La La La La La La La																	
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			Boring co	mpleted as soil vapor	r nrohe												
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		16	;														
		18															
		_ 20															
		20															
		22															
I hereby ce	tify tha	t the inf	I formation on thi	is form is true and co	rrect to	the best	l of my kı	l nowledg	e.]	<u> </u>	<u> </u>					<u> </u>
Signature		M	200				Fir		DDC a	nd Ass	ogistas	Inc					-
		1.00	11/1/				I	1/1	NU a	nd Ass	ociales	s, 111C.					

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

	<u>Ko</u>		Watershed / W Remediation /	Redevelopment	aste	Manage Other						-				Pa	age	1 of	1
Facility/Project	Name	former	· Natural Cl	eaners		License	e/Permit	/Monito	oring N	Nur	nber			Bor	ring l	Num	ber	GP-1	9/V
Boring Drilled	By: Nai					Date D	rilling S	tarted			Date D	rilling C	Comr	lete	ed	T	Drillin	g Metho	
First Name:	Dan	1		dorf		1 0	0 1	2 0	<u>1</u>	<u>5</u>		_			1			Geopi	
Firm: Probe T WI Unique Wel		-	-11 ID N -	W/-11 N		m m/	d d/	у у	у	у	$\frac{1}{m} = \frac{0}{m}$		У	у	у	У	Dl-	_	
				Well Name GP-19/V		rinai S	tatic Wa	Feet M				e Elevati	Fee	t MS			Boren —	ole Dian 2	inches
Local Grid Orig State Plane SW 1/4 of			N.	Location E, T8 N, R22	_E	L	Latong				Loc	cal Grid		ation Feet		N S			E Feet W
Facility ID	3411	40250	County	Milwaukee	Co	ounty Co 41	de	Civil T	own /	/ Ci	ty / or <u>V</u>	Village	Bay	yside	e				
Sample	Soil/Rock Description															pert	ies		
Number and Type Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)		Soil/Rock Description nd Geologic Origin For Each Major Unit		USCS	Graphic Log	Well	Diagram	PID/FID	Compressive Strength	Moisture	Content	Liquid	Limit	Plasticity Index	P 200	RQD / Comments	
4 2		2 4 6 8 10 12 14 16 18 20 22	Brown Sile Dark Brown black and - gray Brown and Brown Sile	er sandy gravel by Clay, trace gravel, sl on Silty Clay, some stai gray, trace organics d Gray mottled Clay, sl by Clay, some gray strin ring at 10 feet. In the state of the	mois gers.	of t.					0 0 0 0 0 0 0								
	tify tha	t the info	rmation on this	s form is true and corre	et to	the best			ge.			·						ı	1
Signature		DA (800				Fir		PRG	an	nd Ass	ociates	s, In	ıc.					

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

		Ro	ute T	<u>'o:</u>			ed / Wation /					Waste	Manag Other																	
															-]	Pag	ge	of of	_	1
Facility/Pro	oject	Name	for	me	r N	atur	al Cl	eane	ers				Licen	se/Pern	nit/	Monit	tori	ing N	Vun	nber			В	ori	ng Nu	ımb	er	GP-2	0	
Boring Dri				cre			first,la	ast) a	nd Fi	irm			Date 1	Drilling	St	arted			Ī	Date Di	rillir	ng C	omple	ted	l	D	rilling	Metho	od	
First Name Firm: Ho		Adam/Dar Const		on	Last	Name:							0 3 m m	<u>1</u> d d	<u>5</u>	2 <u>(</u>)	1 v	7	$\begin{array}{cc} \underline{0} & \underline{3} \\ {}_{m} & {}_{m}/ \end{array}$	1 d	<u>5</u>	2 v	<u>)</u>	1 7			Geo	prob	e
WI Unique	Well	No.	DN	R V	Vell :	ID N	0.			l Nan no we				Static \	Wat		vel			Surface		vati				В	oreho	le Dian	neter	inches
State Plane	SW 1/4 of SE 1/4 of Section 5 , T 8 N, R 22 E acility ID 341140250 County Milwaukee County C																			Loc	al C	Grid :	Locat Fe		N S				Feet	E W
Facility ID 341140250 County Milwaukee County Code 41 Civil Town / City / G														ty / or <u>V</u>	⁷ illa	ge	Baysi	de												
71														oil	Prope	ertie	es													
Number and Type Length Att. &	County Milwaukee Sample Sample Output Soil/Rock Descrip And Geologic Origin Each Major Un Asphalt over Brown gravel b													USCS		Graphic I og	307 201	Well	Dıagram	PID/FID	Compressive	Strength	Moisture	Content	Liquid Limit	Placticity	Flasucity	P 200	RQD /	Comments
	Asphalt over Brown gravel be																													
	Asphalt over Brown gravel b Dark Brown Clayey Gravel,												1.							1.9										
	Sample Sample Signature Soli/Rock Description And Geologic Origin For Each Major Unit Asphalt over Brown gravel base Dark Brown Clayey Gravel, som Tan Gravel Base Rock. 4 -2 Brown Silty Clay, trace med samsome gray stringers, sl moist.																		ŀ	1.6										
	Sample Sample Soil/Rock Description And Geologic Origin For Each Major Unit Asphalt over Brown gravel base r Dark Brown Clayey Gravel, some Tan Gravel Base Rock. -2' Brown Silty Clay, trace med sand																			110										
	Sample Sample Odd Hard Hard Hard Hard Hard Hard Hard Ha																			5.6										
	5																		ŀ											
				8															•	0.9										
	2			10		- nc	string	oers												1.2										
	_			12				5010												1.2										
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			-	14			of bor	-			omple	tion							ŀ											
						БОП	ng ao	andoi	iea u	ропс	ompie	tion.																		
				16															ŀ											
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				20															ŀ											
				22															ļ											
I hereb Signatu		ify tha	t the	info	orma	ation	on thi	s for	m is t	rue a	nd corr	ect to	the bes		kn irn		lge													
Signati	uic													l l	шп	' K	P	RG	an	d Asso	ocia	ates	, Inc							

SOIL BORING LOG INFORMATION

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<u>R</u>		Vatershed / Wastewater Lemediation / Redevelopment		Manager Other]			_						
														<u>1</u> of	1
Facility/Project Name	former l	Natural Cleaners		License	/Permit	/Monito	ring Nu	ımber		Во	ring	Nun	nber	GP-2	21
Boring Drilled By: N		chief (first,last) and Firm		Date D	rilling S	tarted			rilling C	•			Drilli	ng Meth	od
Firm: Horizon Cons		ist ivame:		$\frac{0}{m}$ $\frac{3}{m}$	$\frac{1}{d}$ $\frac{5}{d}$	$\underbrace{2}_{y}$ $\underbrace{0}_{y}$	1 7	0 3 m m/	$\frac{1}{d}$ $\frac{5}{d}$	$\underbrace{2}_{y} \underbrace{0}_{y}$	<u>1</u>	<u>7</u>		Ge	oprobe
WI Unique Well No.	DNR We	ll ID No. Well Name no well		Final St			el		e Elevati				Boreh	ole Diaı 2	neter inches
Local Grid Origin (State Plane SW 1/4 of SE	estimated:) or Boring LocationN, ction 5 , T 8 N, R	_E 22 E		Latong			Lo	cal Grid	Locatio Feet		N S			E Feet W
Facility ID	140250	County Milwaukee	_	ounty Coo	nty Code Civil Town / City / or <u>Village</u> Payride										
Sample	face)		•							So	il Pro	oper	ties		
and Type Length Att. & Recovered (in) Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Descripti And Geologic Origin Each Major Unit	For		USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid	Limit	Plasticity Index	P 200	RQD / Comments
4	2 4 -2 6 8 10 12 14 16 18 20	Asphalt over Brown gravel ba Dark Brown Clayey Gravel, so Tan Gravel Base Rock. 2 Dark Brown Silty Clay, trace med s Brown Silty Clay, mod stiff, tra gray stringers, sl moist. - fine sand and silt layer 2" End of boring at 12 feet. Boring abandoned upon comp	med sand and.	i.				33 31.7 55							
	22														
I hereby certify the Signature	nat the inforr	mation on this form is true and co	orrect to	the best	of my kı Firi	m		nd Ass	ociates	s, Inc.					

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

	Ro		Watershed / V Remediation /	Vastewater	Waste	Manage Other]											
												-						of	1
Facility/Project	Name	forme	r Natural Cl	leaners		License	e/Permit	/Monito	oring l	Nun	nber		Во	ring	Nur	nber		GP-22	2
Boring Drilled I	By: Nar			ast) and Firm		Date D	rilling S	tarted			Date D	rilling C	omplet	ed		Dril	ling	Metho	d
First Name: Firm: Horizon			Last Name:			$\frac{0}{m}$ $\frac{3}{m}$	$\underset{d}{\underbrace{1}} \underset{d/}{\underbrace{5}}$	$\frac{2}{v}$ $\frac{0}{v}$	<u>1</u> y y		0 3 m m/	$\frac{1}{d}$ $\frac{5}{d}$	$\frac{2}{v}$ $\frac{0}{v}$	<u>1</u>	<u>7</u>			Geoj	probe
WI Unique Wel	l No.	DNR W	ell ID No.	Well Name no well			tatic Wa		el			Elevati				Bor	ehol	e Diam 2	eter inches
Local Grid Orig State Plane SW 1/4 of		stimated:	N,		E 2 E	L	Lat				Loc	cal Grid	Location Feet		N S]	E Feet W
Facility ID		40250	County	Milwaukee	Со	ounty Co	nty Code Civil Town / City / or Village Payride												
Sample		face)											So	il Pr	opei	ties			
Number and Type Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)		Soil/Rock Descriptio And Geologic Origin F Each Major Unit			USCS	Graphic Log	Well	Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid	Limit	Plasticity	Index	P 200	RQD / Comments
5		2 4 6 8 10 12 14 16 18 20	Dark Brow Tan Grave Dark Brow - 2' Brown Sil gray string - no string	ver Brown gravel base wn Clayey Gravel, sor el Base Rock. wn Silty Clay, trace m lt Clay, mod stiff, trac gers, sl moist. gers ring at 12 feet. candoned upon comple	ne sand	d.					49 56 4.1								
		22																	
I hereby cer Signature	tify tha	t the info	ormation on th	is form is true and cor	rect to	the best	of my kı Fir	m		an	nd Ass	ociates	s, Inc.						

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

		Ro	ute To:		itershed / 'mediation				Waste	Manage Other																
										1					_							_	1	of	1	
Facility/F	Project	Name	form	er N	atural C	Clean	ers			Licens	se/Permi	t/Mo	nitoi	ring I	Nun	nber		ŀ	Bori	ing l	Nun	ıber	(GP-23	3	
Boring D		By: Nar Adam/Dan			hief (first.	,last) a	ınd Firr	n		Date I	Orilling S	Starte	ed			Date D	_	_	etec	d		Drill	ing	Metho	d	
		Consti		Last	ivanie.						$\frac{1}{d}$ $\frac{5}{d}$			<u>1</u> y y	<u>7</u>	$\frac{0}{m}$ $\frac{3}{m}$	$\frac{1}{d}$ $\frac{5}{d}$	<u>2</u> y y	0	<u>1</u>	<u>7</u>			Geoj	probe	
WI Uniqu	ue Wel	l No.	DNR '	Well	ID No.		Well I	Name well			Static W	ater l		1		Surface	Elevat					Bore	ehole	e Diam 2	eter inches	
Local Gri State Plan SW 1	ne		timated		or Borin N, ion 5		ation 8 N.		E 2 E]	Lat Long					Loc	al Grid		tion eet		N S]	E FeetW	
Facility ID 341140250 County Milwaukee					e	Co		unty Code Civil Town / City / or <u>Village</u> Bayside																		
Samp	_		rface)																Soil	Pro	pert	ies				
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)			And C	Geologi	Description C Origin F jor Unit			USCS	Graphic	Log	Well	Diagram	PID/FID	Compressive Strength	Moisture	Content	Liquid	Limit	Plasticity	Index	P 200	RQD / Comments	
	5		2 4 6 8 10 12 14	-5'	Dark Bro Tan Grav Dark Bro Brown S Brown S gray strin	own Crewel Base own Si ilty Cl ilt Cla ilt Cla ilt Cla oring s	layey G se Rock lty Cla ay, trac y, mod sl mois	y, trace m the med sar stiff, trace t.	ne sanded sand.	d.						1.2 0.8 1.4 2.8 0.9										
I here	eby cer	tify tha	16 18 20 20 t the inf		Boring a			on comple		the best	of my k	[now]	ledge	e.												
Signa	ature										Fii	m	KP	PRG	an	d Ass	ociate	s, Inc	·.							

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

<u> </u>		atershed / Wastewa emediation / Redev		aste Mana Oth	agement []			_						
														1 of	1
Facility/Project Name	e former l	Natural Cleaner	S	Lice	ense/Permit	/Monito	ring Nu	ımber		Во	ring l	Num	iber	GP-2	4
Boring Drilled By: N		chief (first,last) and	d Firm	Date	e Drilling S	tarted			rilling C	•			Drillin	g Metho	
Firm: Horizon Con		a rvaine.		<u>0</u>	$\frac{3}{m/}$ $\frac{1}{d}$ $\frac{5}{d/}$	$\frac{2}{y}$ $\frac{0}{y}$	1 7 y y	$\frac{0}{m}$ $\frac{3}{m}$	$\frac{1}{d}$ $\frac{5}{d}$	$\underset{y}{\underline{2}}$ $\underset{y}{\underline{0}}$	<u>1</u>	<u>7</u>		Geo	probe
WI Unique Well No.	DNR Wel	l ID No. V	Vell Name no well	Fina	al Static Wa	ter Leve Feet M			e Elevati				Boreho	ole Diam 2	inches
Local Grid Origin (State Plane SW 1/4 of SE	estimated: 1/4 of Sec	_N,	Е	Е	Lat Long			Lo	cal Grid	Locatio Feet		N S			E Feet W
Facility ID	1140250	County	vaukee	County	nty Code 41 Civil Town / City / or Village Bayside										
Sample	face)									So	il Pro	pert	ies	1	
and Type Length Att. & Recovered (in) Blow Counts	Depth in Feet (below ground surface)	And Geo	ock Description ologic Origin For h Major Unit		USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid	Limit	Plasticity Index	P 200	RQD / Comments
5	-3	Dark Brown Sand Tan Gravel Base Dark Brown Silty Brown Silty Clay Brown Silt Clay, gravel, gray string silt seam no stringers End of boring at	y Clay, trace med a y, soft, moist mod stiff, trace sa gers, sl moist.	ines.				1.8 0.5 1.7 2.9							
	22														
I hereby certify the Signature	nat the inforn	nation on this form	is true and correct	t to the b	est of my k	m		nd Ass	ociates	s, Inc.					

	Vatershed/Wastewater Remodiation/Redevelopment	Waste Management	MONITORING WELL (Form 4400-113A	CONSTRUCTION Rev. 7-98
	Local Grid Location of Well	Oliter	Well Name	
1		N. DE Sfr. DW	MCI Raine MV./-	7
NATURAL CLEANERS		SR DW	1 00	1
Facility License, Permit or Monitoring No.	Local Grid Origin [cstimat	ed: 🗌) or Well Location	☐ Wis. Unique Well No. [ONR Well ID No.
	LatL	ong.	or	
Facility ID	St. Planeft. N.	*	T	
•			12/2	-112007
Type of Well	Section Location of Waste/Sour	ce 157	E Well Installed By: Name	d v v v v
	SW 1/4 of SE 1/4 of Scc.	5 T 8 N.R 22	W 1	· finge' inge) and Little
Well Code MW /	Location of Well Relative to W	aste/Source Gov. Lot Number	1047	
Distance from Waste/ Enf. Stds.		Sidegradient		(
Sourceft Apply	d Downgradient n D	- (ON-SITE ENVIR	ONMENTAL
		1. Cap and lock		X Yes D No
	ft_MSL	2. Protective cov		2, .00 110
B. Well casing, top elevation	ft. MSL	11/3/7	• •	0 .
- . •	1 {	a. Inside diam	eter:	8in.
C. Land surface elevation	fr_MSL	b. Length:		<u>1</u> fi.
	- Part	c. Material:		Steel 🔯 04
D. Surface seal, bottom ft. M.	SLor ft.			Other 🗆 🧱
12. USCS classification of soil near scree	n:	d. Additional	mmlestion?	☐ Yes ☐ No
GP GM GC GW :	1 141	1170		[] 103 [] 110
SM D SC D MLD MHD	었음 뜻님 / 1	If yes, des		
Bedrock		3, Surface scal:		Bentonite 30
<u> </u>		5, 541, 250		Concrete X 01
13. Sieve analysis performed?	Yes Zi No			Other 🛘
14. Drilling method used: Ro	ntary 🗆 50	4. Material bety	veen well easing and protective	
Hollow Stem A	1 1060			Bentonite X 30
Construction of the constr	other D			Other 🗆 🧱
			0 1 107:	
15. Drilling fluid used: Water 02	45-17-01	5. Annular space	e scal: a. Granular/Chipped	1 Bentonite 23 33
	Air 🗆 01	bLbs/i	gal mud weight Bentonite-	sand slurry D 35
Dimme Man D 03	None 799	cLbs/j	gal mud weight Bento	nite slorry 🛛 31
16 Deining a dantage and		d% Be	ntonite Bentonite-ce	aneni grout 🗆 50
16. Drilling additives used?	Yes No		_Fi ³ volume added for any of	f the above
		f. How insta		Tremie 🛛 01
Describe		1. 130% E1812		ie pumped □ 02
17. Source of water (ausch analysis, if req	puired):		17000	Gravity 🕱 08
		\$ 7 P	T. Demteral	te granules [] 33
		6. Bentonite se		
T.D	1.0	, в. 🗆 1/4 m.	. ⊠3/8 in. □1/2 in. Ben	•
E. Beatonite seal, topft. M	SLOTLIL	図 / c.———		Other 🛮 🎬
77 774		7 Fine sand m	sterial: Manufacturer, produc	t mama & mark size
F. Fine sand, topft M	SL or 12 ft \	// / / I like saint in.	attitut. Insulutacibits, produc	-C HAHITC DE MICON SIZA
•		2 / a		
G. Filter pack, top ft. M	SL or13 ft	b. Volume a	addedfi	3
			naterial: Manufacturer, produ-	CI name & mesh size
H. Screen joint, top ft. M	SL or 15 ft.		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
		b. Volume	added fi	3
I. Well bonom ft. M	SLor25ft\	S=4.2**.1		
1. Wen company	25 OT 55 TT	9. Well casing:		
			Flush threaded PVC so	55595.
J. Filier pack, bottomft. M	SLorSH			Other 🛚 🚃
	_	10. Screen mate	rial: PVC	
K. Borchole, bottom ft. M	ISL or 25ft \	a. Screen t	ypc:	Factory cut 🗵 11
				inuous slot 🖂 01
L Borehole, diameter 8 in.				
				Other 🛚 🎎
2.		b. Manufac		
M. O.D. well casing Z in.		c. Slot size		0. <u>0 1 0</u> in.
		d. Slotted 1	ength:	ft.
N. I.D. well casing Z in.		11. Backfill ma	terial (below filter pack):	None 🔀 14
				Other 🗆 🤲
I hereby certify that the information on th	is form is true and correct to the	best of my knowledge.		- arke
Signature AN M	Firm	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
100 BA	1°"" KPR	G AND ASSOCIAT	E. Til	
ICOLVI YIJI I	1 1/1 1/		(<u> </u>	

State of Wisconsin Department of Natural Resources Route to: Route to: Watershed/Wastewater	Waste Management MONITORING WELL CONSTRUCTION Other Management Rev. 7-98
Facility/Project Name If one Grid Location of Well	Wall Name
NATURAL CLEANERS	8
Facility License, Permit or Monitoring No. Local Grid Origin (estimate	
b 1 a	
Facility ID	YY 11 T 11 4
St. Planeft. N,	ft. E. S/C/N Date Well Installed 2/19/2007
Section Location of Waste/Sour	roe m m d d v v v v
Type of Well SW 1/4 of SE 1/4 of Sec.	5 T. 8 N. R. 22 Well Installed By: Name (first, last) and Firm
Well Code 1 100 / It position of Tital Palation to Tit	
	Cidenadiana
Sourceft Apply Downgradient n	The state of the s
A. Protective pipe, top elevation ft. MSL	1. Cap and lock? Z Yes No
	2. Protective cover pipe:
B. Well casing, top elevation ft. MSL	a. Inside diameter: 8 in.
0.1.1.5.1.5	b. Length:
C. Land surface elevation ft. MSL	c. Material: Steel 🗵 04
D. Surface seal, bottom ft. MSL or ft.	TO THE PARTY OF TH
12. USCS classification of soil near screen:	
GP D GMD GCD GWD SW D SP D	d. Additional protection?
SM C SC ML MH CL X CH C	If yes, describe:
Bedrock []	3. Surface scal: Bentonite 30
	Concrete X 01
	Other 🗆
14. Drilling method used: Rotary ☐ 5 0	4. Material between well casing and protective pipe:
Hollow Stem Auger 12,41	Bentonite ⊠ 30
Other 🗆 🎆	Other 🗆
	5. Annular space scal: a. Granular/Chipped Bentonite 3 3
15. Drilling fluid used: Water 1 0 2 Air 1 0 1	3. Surface scal: Concrete 01 Other 4. Material between well easing and protective pipe: Bentonite 30 Other 31 5. Amular space scal: a. Granular/Chipped Bentonite 33 b. Lbs/gal mud weight Bentonite-sand shurry 35 c. Lbs/gal mud weight Bentonite shurry 31 d. % Bentonite Bentonite-cement groun 50 e. Ft volume added for any of the above f. How installed: Tremie 01 Tremie 02 Gravity 08
Drilling Mud □ 03 None ▼ 99	cLbs/gal mud weight Bentonite slurry [] 31
16. Drilling additives used? Tyes K No	d% Bentonite Bentonite-cement grout [50
16. Drilling additives used?	eFi 3 volume added for any of the above
Describe	f. How installed: Tremie 🗆 0 1
	Tremie pumped 🗆 02
17. Source of water (ausch analysis, if required):	Gravity 🕱 0 8
	6. Bentonite seal: a. Bentonite granules [] 33
	b. □1/4 in. ⊠3/8 in. □1/2 in. Bentonite chips ⋈ 32
E. Bentonite seal, topft. MSL orft.	/ c Other []
F. Fine sand, top ft. MSL or 12ft	7. Fine sand material: Manufacturer, product name & mesh size
	2 a
G. Filter pack, top ft. MSL or 13 ft.	b. Volume added ft3
	8. Filter pack material: Manufacturer, product name & mesh size
H. Screen joint, top ft. MSL or 15 ft.	-N / a
	b. Volume added ft 3
L Well bottom ft. MSL or 25 ft.	9. Well casing: Flush threaded PVC schedule 40 X 23
	Plush threaded PVC schedule 80 🛘 24
J. Filter pack, bottom fr. MSL or 25ft.	Other 🗆 🧱
	10. Screen material: PVC
K. Borehole, bottom ft. MSL or 25ft.	a. Screen type: Factory cut X 11
	Continuous slot 🗆 01
L Borehole, diameter 8 in.	Oiher
The first the fi	,
M. O.D. well easing Z in.	b. Manufacturer c. Slot size: 0.010 in.
W. O.D. Well casing m.	
N. I.D. well casing 2 in.	
N. I.D. well casing in.	11. Backfill material (below filter pack): None 🖂 14
Y1	Other 🛘 縱
I hereby certify that the information on this form is true and correct to the	best of my knowledge.
Signature Firm 1/00	20 American To
19V W	G AND ASSOCIATES, INC
	·

	Vatershed/Wastewater emcdiation/Redevelopment	Waste Mana	igement []	MONITORING WELL Form 4400-113A	CONSTRUCTION Rev. 7-98
	1 - 1 C - 1 L			Well Name	
NATURAL CLEANERS	1 1 1	Ŋ.	fr. 🖁 🖁 .	Mk/-	-7 D
Facility License, Permit or Monitoring No. 1		S		Wis. Unique Well No.	
- i	rocai Gild Origin 🖂 (estimad	ea: □) or	Mell Tocshon	wis. Unique well inc.	DIAK MEH ID NO.
	Lat"Le	ong	or		
Facility ID	St. Planeft. N,		fl. E. S/C/N	Date Well Installed	12007
	Section Location of Waste/Source			m m_	
Type of Well	SW 1/4 of SE 1/4 of Sec.	m a	Nn 22 AE	Well Installed By: Nar	ne (first, last) and Firm
Well Code MW/		3 1 0		TONY	
Distance from Waste/ Enf. Stds.	Location of Well Relative to Wa u Upgradient s	Sidegradient	Gov. Lot Number		(
Sourceft Apply [d Downgradient n	-		ON-SITE ENVI	ROMENTAL
			. Cap and lock?		X Yes No
A. Protective pipe, top elevation	ft MSL		2. Protective cover:	aine.	EX 108 E 110
B. Well casing, top elevation	ft. MSL] No		•	∈_
-· •	11		a. Inside diamete	T.	
C. Land surface elevation	fLMSL	1	b. Length:		1ft.
D. Surface seal, bottom ft. MS			c. Material:		Steel 🔯 04
		1.			Other 🗆 🧱
12. USCS classification of soil near screen	1 1 11	Notice	d. Additional pro	ntection?	☐ Yes ☐ No
GP GM GC GW GS	W 🖸 SP 🔲 🔪 📓	IR/ /	If yes, describ	e:	
SM C SC ML MH C	TE CHILL		3. Surface scal:		Bentonite [] 30
Bedrock [1 188		5. Surface scal:		Concrete X 01
13. Sieve analysis performed?	Yes Z No				Other 🛛 💮
14. Drilling method used: Rot	tary □ 50		4. Material between	well casing and protect	ive pipe:
Hollow Stem Au	12CT TZ.41			0,	Bentonite 🛛 30
	ther 🗆 🔛				Other 🗆 🎆
		188	5. Annular space se	al; a Granular/Chipp	ALCOHO:
15. Drilling fiuid used: Water □ 0 2	Air 🗆 01		J. Punitin Space &	mud weight Bentonit	
Drilling Mud □ 03 N	Nome 12 99			mud weight Beni	
			d % Rentor	nite Bentonite-	cement grout [] 5.0
16. Drilling additives used?	Yes No	88		3 volume added for any	
				-	Tremie 🔲 01
Describe			f. How installed		mic pumped 🗆 02
17. Source of water (auach analysis, if requ	uired):			1,0,	Gravity 🔀 08
			6. Bentonite seal:	a. Benter	nite granules [] 33
				€3/8 in. □1/2 in. Be	
E Bentonite seal, top ft. MS	SLor ft.	8 83 /	D. — 1/4 LLL /	-C10 111 112 110 110	Other 🛘 🎬
			C	· · · · · · · · · · · · · · · · · · ·	\$15.41C
F. Fine sand, top ft_ MS	SLor37ft\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		7. Fine sand mater	ial: Manufacturer, produ	uci name & mesh size
		関/ /	2		
G. Filter pack, top ft. MS	SL or 38 ft \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		h Volume add	od	_{fi} 3
				erial: Manufacturer, prod	,.
H. Screen joint, top ft. MS	SL or 40 ft	- 関 /	o. The pack man	ana. manuadue, proc	
			8. V-3		ħ ³
L Well bonom fr. MS	SLor 45 ft		b. Volume add9. Well casing:	Flush threaded PVC:	
	""—————	量 3	5. Wen casing.	Flush threaded PVC	•
J. Filter pack, bottom ft. MS	er a 45 a 45			rausa uncaucu r v C	** ***
3. I mor pack, bonom re re-	3201			D./C	Other 🗆 🌉
K. Borchole, bottom ft. MS	cr 45 e.		10. Screen materia		
at positione, boltom It last	SL 01		a. Screen type		Factory cut 🔀 11
L Borehole, diameter 8 in.				Con	numuous slot 🔲 01
L Borehole, diameter Q in.		\			Other 🗆 🌋
2.		1	 b. Manufacture 		
M. O.D. well casing 2 in.		/	c. Slot size:	_	0. <u>010</u> in.
		\	d. Slotted leng		fL
N. LD. well casing Z in.			11. Backfill materi	al (below filter pack):	None 🔀 14
					Other 🗆 🌉
I hereby certify that the information on thi	is form is true and correct to the	best of my kr	nowledge.		
Signature Signature	lFirm		\		
tall Ut	I KPK	t and -)	tssociares	آر آليا د	

	Vatershed/Wastowater Remodiation/Redevolopmont X	Waste Mana	gement	MONITORING WELL Form 4408-113A	CONSTRUCTION	N
Facility/Project Name	17 1 C7 + 1 X C 777 77			Well Name		-
NATURAL CLEANERS	Local Grio Location of Well	N.	fr. BE.	Men Hame My/-	-3	
	Land Grid Origin II (asi	3	IL ∐W.	Dr. Hairm Wall No		
Facility License, Permit or Monitoring No.	LatL	ong	well Location Li	Wis, Unique Well No.	1	
Facility ID	St. Planc ft. N.		ft. E. S/C/N	Date Well Installed	1912117	
	Section Location of Waste/Sour	coe.				
Type of Well	SW 1/4 of SE 1/4 of Sec.	5 7 8	N P 22 AB	Well Installed By: Nan	ne (first, last) and Fir	m
Well Code MW /	Location of Well Relative to Wa	3 11 <u>0</u>	Gov. Lot Number	TONY	·	
Distance from Waste/ Enf. Stds.		Sidegradient	Gov. Lot Number		_ \ .	
Sourceft. Apply [d Downgradient n D	_		04-817E ENVI	ROMENTAL	
	ft_MSL		. Cap and lock?	<u> </u>	X Yes I No	_
· · · · · · · · · · · · · · · · · · ·			2. Protective cover t	oine:	_, _	
B. Well casing, top elevation	ft. MSL		a. Inside diameter	-	8in.	_
C. Land surface elevation	fl. MSL	1	b. Length:			
	1	- Barrer	c. Material:		Steel 🛛 04	4
D. Surface seal, bottom ft. M	SL or fi	I X			Other 🗆 🍩	\$
12. USCS classification of soil near scree	n:	1	d. Additional pro	tection?	☐ Yes ☐ No	***
GP GM GC GW G	SW 🗆 SP 🖂	11/	If yes, describ			
SM C SC MILC MHC	CT X CH 🗆		•		Bentonite 🗆 30	ŋ.
Bedrock [3. Surface scal:		Concrete X 01	1
13. Sieve analysis performed?	Yes Z No				Other 🗆 💮	8
14. Drilling method used: Re	otany 🗆 50		4. Material between	well casing and protect		**
Hollow Stem A	uger 75.41				Bentonite X 3	0
1	Other 🗆 🔛				Other 🗆 🧱	*
		88 .	5 Ammiler enece se	al: a. Granular/Chipp	ed Bentonite 18 3	3
15. Drilling fluid used: Water □ 0 2	Air □ 01		1. Thelesis	nud weight Bentonit	e-sand slurry 3 5	
Drilling Mud □ 0 3	None 1799	188	D I below i	nud weight Bent	tonite slave 3	
AC P THE COLUMN TO			d % Benton	ite Benionite-	cement grout [5	
16. Drilling additives used?	Yes X No	※		3 volume added for any		-
D			f. How installed		Tremie 🛭 0	1
Describe		₩.			mic pumped 🛘 0	2
17. Source of water (auach analysis, if rec	puired):				Gravity TX 0	8
			Bentonite seal:	a. Benton	nite granules 🔲 3	3
	1.		b. □1/4 in. 🔊	[3/8 in. □1/2 in. Be	entonite chips 🗵 3	. 2
E. Bentonite seal, top ft. M	SL orth		c		Other 🛚 🎬	爨
W Bins and see	SLor12ft		7. Fine sand materi	ial: Manufacturer, produ	uci name & mesh sir	7.E
F. Fine sand, top ft. M	SLor I					
G. Filter pack, top ft. M	SL or 13 ft		a			<u> </u>
C. I mor pack, top	11 11 11 11 11 11 11 11 11 11 11 11 11			·	-	·
H. Screen joint, top ft. M	SL or15 ft		8. Filler pack made	rial: Manufacturer, prod		
			b. Volume adde		fi ³	
L Well bouom ft. M	ISL or 25 ft.		9. Well casing:	Flush threaded PVC:		23
		30	J. Won casing.	Flush threaded PVC	•	24
J. Filter pack, bottom ft. M	ISLor 25 ft			1 103/1 0/20000 1 1 0 1		
<u> </u>			10. Screen material	PVC	0ans L -	60 00 8888
K. Borchole, bottom ft. M	ISL or 25 ft		a. Screen type:		Factory cut 🛛 1	11
			ш согост суро.			01
L. Borehole, diameter & in.					_	
			b. Manufacture	т	01.0.	200,000
M. O.D. well easing 2 in			c. Slot size:	·	0.010	in.
		/	d. Slotted leng	th:		ſĹ.
N. I.D. well casing 2 in		`	11. Backfill materi	al (below filter pack):	None 🔀 1	
υ — — — Mi	•					
I hereby certify that the information on the	is form is true and correct to the	best of my kr	nowledge.			
Signature MA	Firm					
totil th	I KPK	+ OHA =)	tssociates	THE.		

	Watershed/Wastewater ☐ Remediation/Redevelopment ×	Waste Manag	ement	MONITORING WELI Form 4400-113A	CONSTR Rev. 7-98	UC1	ION
Facility/Project Name	T LOUIS . CIVIN			Well Name			
Former Natural Cleaners	Local Grid Location of Wellft	<u>s:</u>	ft. E. W.		180.180.111.11		
Facility License, Permit or Monitoring No.	Lat,	ted: □) or \ _ong.	Vell Location or	Wis. Unique Well No.	DNR Well	יו עו	ło. _
Facility ID	St. Planeft. N,	-		Date Well Installed	1 5 /2 0	1 '	7
341140250	Section Location of Waste/Sour	rce		$\frac{0}{m}\frac{3}{m}$	$\frac{1}{d} \frac{3}{d} \frac{7}{v} \frac{2}{v}$		
Type of Well	SW 1/4 of SE 1/4 of Sec.		N, R. 22 K	Well Installed By: Nar	ne (first, last)	and	Firm
Well Code 11 / mw	Location of Well Relative to W	aste/Source	Gov. Lot Number	A. Sweet			
Distance from Waste/ Enf. Stds. Source ft. Apply	u □ Upgradient s □ d □ Downgradient n □	Sidegradient Not Known		Horizon Drill	ing		
A. Protective pipe, top elevation		1.	Cap and lock?		⊠ Yes		No
	ft. MSL	7 2.	Protective cover p	oipe:		1.0	
B. Well casing, top elevation	^{16, 1415}	7	a. Inside diameter	:	_	12 1	in.
C. Land surface elevation	ft. MSL		b. Length:			<u>-</u> -	_ It.
D. Surface seal, bottom ft. M	SL or 1_ ft.		c. Material:		Steel Other	_	04
12. USCS classification of soil near scree	\$72.37/37.34.3	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	d. Additional pro	tection?	☐ Yes		5755555
	SW 🗆 SP 🗆		-	e:		_	
SM □ SC □ ML□ MH□	CL⊠ CH□ `∭		Surface seal:		Bentonite		30
Bedrock □		₩ \ ³ .	Surface seaf:		Concrete	Χ	01
	Yes ⊠ No				Other		
	tary 🗆 50	4.	Material between	well casing and protecti			2.0
Hollow Stem A	uger □ 41 W				Bentonite		30
- Geoptobe/ HSA	ther 🖴 🚃	_		al: a. Granular/Chipp	Other		3 3
15. Drilling fluid used: Water □ 0 2	Air 🗆 01		Annular space sea	al; a. Granular/Chipponud weight Bentonite			35
	None ⊠ 99			nud weight Bentoma			31
				ite Bentonite-c			50
16. Drilling additives used?	Yes ⊠ No			volume added for any			
B 7		f.	How installed:	:	Tremie		0 1
Describe				Tren	nie pumped		02
17. Source of water (attach analysis, if req	uirea):			_	Gravity		08
	<u> </u>	EVX4	Bentonite seal:		ite granules	_	3 3
ED	1 6		b. ⊔1/4 in. ᠘	3/8 in. □ 1/2 in. Ber	-		3 2
E. Bentonite seal, topft. M	SL or 1		с		Other	Ц	**
F. Fine sand, top ft. MS	SL or 43 ft.	2 7.	Fine sand materia	al: Manufacturer, produ	ct name & n	resh	size
6.14	13 8	X /	a	l ft	3		222
G. Filter pack, top ft. M	SL or 43 ft.		b. Volume added			1.	
H. Screen joint, top ft. M	SL or 45 ft.		niter pack mater	ial: Manufacturer, produ		nesn	ı sıze
			 b. Volume added 		3		
I. Well bottom ft. M	SL or50 ft.	9.	Well casing:	Flush threaded PVC so Flush threaded PVC so			23
J. Filter pack, bottom ft. M	SL or50 ft.			Trush uncaded 1 ve se	Other	_	27
		10.	Screen material:				
K. Borehole, bottom ft. M	SL or <u>5</u> 0 ft.	1	a. Screen type:		Factory cut inuous slot		11
L. Borehole, diameter 8 in.				Con	Other	_	01
		\ 1	b. Manufacturer				
M. O.D. well casing in.		/ '	e. Slot size:				0_ in. ft.
N. I.D. well casing $-\frac{2 \cdot 0}{2}$ in.		•		: (below filter pack):	None	_	14
N. I.D. well casing $2 \cdot \frac{1}{2} \cdot \frac{1}{2}$ in.		11.		(boton filter pack).	Other		20
I hereby certify that the information on thi	s form is true and correct to the b	est of my know	ledge.				
Signature	Firm KPRG a	nd Associate	es, Inc.				

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewate	er 🔲	Waste Management [
Remediation/Redevel	opment	Other			
Facility/Project Name Co	ounty Name		Well Name		
former Natural Cleaners		Milwaukee		MW-3I	
Facility License, Permit or Monitoring Number Co	ounty Code 41	Wis. Unique Well Nu	mber	DNR We	ll ID Number
1. Can this well be purged dry?	□ No	11. Depth to Water			After Development
2. Well development method surged with bailer and bailed		(from top of well casing)	a <u>46.1</u> _	ft.	<u>50.3</u> ft.
surged with bailer and pumped surged with block and bailed surged with block and pumped surged with block, bailed and pumped compressed air bailed only pumped only pumped slowly Other 3. Time spent developing well 4. Depth of well (from top of well casisng) 6 1 4 2 5 2 6 2 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7			: <u>12</u> :45	□ a.m. □ p.m inches	
5. Inside diameter of well					
6. Volume of water in filter pack and well casing 7. Volume of water removed from well 8. Volume of water added (if any) 9. Source of water added	5 gal. _ gal.	solids		mg/l	at solid waste facility:mg/lmg/l
10. Analysis performed on water added?	 ☑ No	16. Well developed by First Name: Patrick	ζ	Last Nam	
		Firm: KPRG and	Associates, l	Inc.	
17. Additional comments on development:					
Name and Address of Facility Contact/Owner/Responsible Pa First Last Name: Name:	arty	I hereby certify that of my knowledge.	the above inf	formation i	s true and correct to the best
Facility/Firm: former Natural Cleaners		Signature:			
Street: 8828 Port Washington Road		Print Name: Patr	ick Allenste	in	
City/State/Zip: Bayside, WI		Firm: KPR	G and Asso	ciates, Inc	<u>. </u>

	Vatershed/Wastewater Remediation/Redevelopment	Waste Management	MONITORING WELL Form 4400-113A	CONSTRUCTION Rev. 7-98
	Local Grid Location of Well		Well Name	
NATURAL CLEANERS	ft. []	N. Sft.		-4
Pacility License, Permit or Monitoring No.	Local Grid Origin D Castima	bed: 1 or Well Locati	on Wis. Unique Well No.	IDND Well ID No
rading Leadisc, remit of Montolling No.	Local Old Oldin D (Sittle	icu. [] Oi Well Docali	13	DIAN WELL IN NO.
T-27- T	Lat"I	ong.	or	<u> </u>
Facility ID		ft. E.	S/C/N Date Well Installed 1/2/	2012607
	Section Location of Waste/Sour	rce		
Type of Well	SW 1/4 of SE 1/4 of Sec.	E = Q x1 p 77	E, Well Installed By: Nat	ne (first, last) and Firm
Well Code MW/	1/4 of 3C 1/4 of Sec.	5 .1. O IV, K. 22	TONY	
Distance from Waste/ Enf. Stds.	Location of Well Relative to W	aste/Source Gov. Lot No Sidegradient	imper	
Sourceft. Apply _	d Downgradient n	- 1	ON-SITE ENV	IRONMENTAL.
		1. Cap and le	nab?	X Yes No
A. Protective pipe, top elevation	ft_MSL			ROY 169 TI 140
B. Well casing, top elevation	ft MSL	2. Protective	• •	ο.
21 1		a. Inside d		8in.
C. Land surface elevation	fr. MSL	b. Length	:	<u>1</u> ft.
The Private of the State of the		c. Materia	al:	Steel 🔯 04
D. Surface seal, bottom ft. M.				Other 🛚 🊃
12. USCS classification of soil near scree	an:	d. Addition	onal protection?	☐ Yes ☐ No
GP I GM I GC I GW I !	SW 🗆 SP 🗆	119	describe:	
SM SC ML MH	CT A CHO			Bentonite D 30
Bedrock 🗆	1	3, Surface s	æl:	Concrete X 01
13. Sieve analysis performed?	Yes K No			2000
	1 200	`	21 1 3	Other 🛘 🚆
•	ntary 🗆 50	4. Malchail	between well casing and protect	
Hollow Stem A				Bentonite 🗵 30
	Other 🗆 🌉			Other 🛘 🚆
45 70 700 6 11 1 707 - 170 0 0		5. Amaular	space seal; a. Granular/Chipp	ped Bentonite 🗵 33
15. Drilling fluid used: Water 1 0 2	Air 🗆 01	bI	bs/gal mud weight Bentomit	te-sand slurry□ 35
Drilling Mud □ 03	None 12 99		.bs/gal mud weight Ben	
16 Turning of the same of the	· · · · · · · · · · · · · · · · · · ·	d%	Bentonite Bentonite-	cement grout 1 50
16. Drilling additives used?	Yes No		Fi ³ volume added for any	of the above
		f. How		Tremie 🔲 01
Describe		1. 1.0		mie pumped 🗆 02
17. Source of water (attach analysis, if req	puired):			Gravity 🕱 08
		5. Bentonia	e seal: a. Bento	mite granules [] 33
		KOX	4 in. X3/8 in. □1/2 in. Be	
E. Bentonite seal, top ft. M	SLor 1ft.			Other 🛘 🎆
				Out to was
F. Fine sand, top fr. M	SLor12A	7. Fine san	d meterial: Manufacturer, prod	uct name & mesh size
G. Filter pack, top ft. M	SL or13 ft		7.7	<u></u>
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1000		3.
H. Screen joint, top ft. M	ISL or15 ft	8. Piller pa	ck material: Manufacturer, prod	
11. 30000 Jonic, top 1c 141	.5L01L	- M / 2		
Y Wall borrow	25 .			ft ³
L Well bottom ft. M	ISL or25_ft	9. Well cas	•	
3	25 0		Flush threaded PVC:	schedule 80 🛘 24
1. Filter pack, bottom ft. M	ISL or23_ft			Other 🛚 🕮
		10. Screen	naterial: PVC	
K. Borchole, bottom ft. M	ISL or25 ft	a. Scre	en type:	Factory cut 🔀 11
_			Co	minuous slot 🛚 01
L. Borehole, diameter 8 in.				Other 🗆 💮
		h. Mam	ıfacturer	220,200
M. O.D. well casing Z in.		c. Slot		0.010 in.
		`	ed length:	fl.
N. ID. well casing 2 in.		· —		
To The April County W	•	11, Dackin	material (below filter pack):	None X 14
Thereby contife that the first				Other 🗆 🌋
I hereby certify that the information on the		best of my knowledge.		
Signature	Firm KPK	C AND ASSOCI	MICE TIL	
TICATO I AN AL	l WI	AND I DOOL!	MICO! ISO	

	Vatershed/Wastewater Remediation/Redevelopment	Waste Management Other	MONITORING W Form 4400-113A	ELL CONSTRU Rev. 7-98	JCTION
	Local Grid Location of Well ft.		Well Name MW−5	5	
Facility License, Permit or Monitoring No.	Local Grid Origin (estimat	ed: 🗌) or Well Location	□ W. on □ Wis. Unique Well	No. DNR Well I	D No.
- W. W.	Lat L	-	or		
Facility ID 341140250	St. Planeft. N,	ft. E.	S/C/N Date Well Installed	3 / 1 5 / 2 0	
Type of Well	Section Location of Waste/Sour		T T T T T T T T T T T T T T T T T T T	m d d v v Name (first, last)	
Well Code11/_mw	1/4 of _SE1/4 of Sec Location of Well Relative to Wa		A. Sweet		
Distance from Waste/ Enf. Stds. Sourceft. Apply		Sidegradient	Horizon Dr	illing	
A. Protective pipe, top elevation		1. Cap and lo	ck?	⊠ Yes [□ No
	ft. MSL	2. Protective a. Inside di			<u>1</u> 2_ in.
C. Land surface elevation	ft. MSL	b. Length:		_	1 _ ft.
D. Surface seal, bottom ft. MS	Salar et al.	c. Materia	1:	Steel [_
	\$74.7777.44E	 		_ Other [400,000
12. USCS classification of soil near screen	SW SP	L% \	nal protection? lescribe:	☐ Yes [_ No
SM □ SC □ ML□ MH□ C				Bentonite I	□ 30
Bedrock □		3. Surface se	ai:	Concrete [
	Yes ⊠ No	 		Other [
	tary 🗆 5 0	4. Material b	etween well casing and pro		⊡ 2 0
Hollow Stem Au Geoprobe/HSA	iger □ 4 i			Bentonite [30000000
		5. Annular sp	a Granular/C	_ Other thipped Bentonite I	
15. Drilling fluid used: Water □ 0 2	Air □ 01		os/gal mud weight Bent		
Drilling Mud □ 0 3	None ⊠ 99		os/gal mud weight 1		
16. Drilling additives used?	Vas. Et No.		Bentonite Benton	ite-cement grout	
16. Drilling additives used?	ics 🖾 140	е	Ft ³ volume added for a	•	_
Describe		f. How in		Tremie	
17. Source of water (attach analysis, if requ	ired):			Tremie pumped Gravity	• •
		6. Bentonite	seal: a. Be	ntonite granules	
		MAN	in. ⊠3/8 in. □1/2 in.		_
E. Bentonite seal, top ft. MS	L or 1_ ft			_ Other	
F. Fine sand, top ft. MS	L or 8 ft.	7. Fine sand	material: Manufacturer, p	roduct name & m	esh size
		3/ / a			
G. Filter pack, top ft. MS	L or 8 ft.	1 · · · · · · · ·	e added	ft ³	1 :
H. Screen joint, top ft. MS	L or 10 _ ft.	- a	material: Manufacturer, p	$\frac{1}{100}$	nesn size
I. Well bottom ft. MS	L or25 ft.	b. Volum 9. Well casin	ig: Flush threaded PV	C schedule 40	
J. Filter pack, bottomft. MS	L or25 _ ft.		Flush threaded PV	Other	
K. Borehole, bottom ft. MS	L or 25 ft.	10. Screen ma a. Screen	type:	Factory cut	_
L. Borehole, diameter8 in.				Continuous slot Other	
M. O.D. well casing in.		c. Slot siz			010 in.
N. I.D. well casing $-\frac{2\cdot 0}{2}$ in.		1	length: naterial (below filter pack):		_15_ ft. ☑ 14
I hereby certify that the information on this	form is true and correct to the b	est of my knowledge	.	_ Omer	
Signature	Firm	- Cot My Kilowicugo.			
Cionada		nd Associates, Inc.			

	Watershed/Wastewater ☐ Remediation/Redevelopment☑	Waste Management Other	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Facility/Project Name	Remediation/Redevelopment Local Grid Location of Wellft		Well Name
FORMER NATURAL CLEANERS	ft. H	Nf	Well Name GP-11
Facility License, Permit or Monitoring No.	Local Grid Origin (estima	ted: 🗆) or Well Location 🗆	Wis. Unique Well No. DNR Well ID No.
I would be seen a see of the seen of the s	Lat,	ong.	
Facility ID	7		D-4-332-11 K131
341140250	St. Planeft. N,		09/45/2013
	Section Location of Waste/Sour	rce To E	well Installed By: Name (first, last) and Firm
Type of Well	SW 1/4 of SE 1/4 of Sec.	5 ,T. 8 N,R. 22	DAN BENDORF
Well Code MW / 11	Location of Well Relative to W	aste/Source Gov. Lot Number	- DAN BEHDOKT
Distance from Waste/ Enf. Stds.	u □ Upgradient s □	Sidegradient	PROBE TECHNOLOGIES
Sourceft. Apply	d Downgradient n	Not Known	
A. Protective pipe, top elevation	ft. MSL	1. Cap and lock?	X Yes □ No
	5 MSI	2. Protective cover	r pipe:
B. Well casing, top elevation	ft. MSL	a. Inside diamet	er:gin.
O I and author almostics	ft.MSL	b. Length:	<u>l</u> ft.
	. Shorter [6]	c. Material:	Steel 🕱 04
D. Surface seal, bottom ft. MS	SL or ft.		Other 🗆 💹
12. USCS classification of soil near screen	#2430000 T	d. Additional p	
	SW 🗆 SP 🗆	1174	
GP GM GC GW S		If yes, descri	
Bedrock		3, Surface scal:	Bentonite 🔲 30
<u> </u>	., .,		Concrete 201
	Yes No	———	Other 🗆
14. Drilling method used: Ro	tany □ 50	4. Material between	en well casing and protective pipe:
Hollow Stem At	uger □ 41		Bentonite 🗵 30
GEOPROBE O	Other 🔀 🎆		Other 🗖
		5. Annular space s	
15. Drilling fluid used: Water □ 0 2	Air □ 01 🔛		mud weight Bentonite-sand slurry 35
	None ≥ 99		mud weight Bentonite slurry 31
1			
16. Drilling additives used?	Yes XINo	d 76 Benu	onite Bentonite-cement grout \(\Delta \) 5 0
		KXX	't 3 volume added for any of the above
Describe		f. How installe	
17. Source of water (attach analysis, if requ	uired):		Tremie pumped 🗆 02
17. Source of water (attocar analysis, if req.	union).		Gravity 🗵 08
		6. Bentonite seal:	, -
		b. □1/4 in.	🕅 3/8 in. □ 1/2 in. Bentonite chips 🖼 32
E. Bentonite seal, top ft. MS	SLorft.	₩ / c	Other 🗆 🎎
F. Fine sand, top ft. MS	SL or 3 . 5 ft. \	7. Fine sand mate	rial: Manufacturer, product name & mesh size
		3 a	
G. Filter pack, top ft. MS	SL or3.5 ft.	b. Volume add	ed ft ³
C. I have placed to be a first		1 ··· · • • • • • • • • • • • • • • • •	erial: Manufacturer, product name & mesh size
H. Screen joint, top ft. MS	SL or5 ft.	a PRE-1	
n. Screen joint, top	/2 U =	17.5	
A 3.50	SL or15 ft.	b. Volume add	
I. Well bottom ft. MS		9. Well casing:	Flush threaded PVC schedule 40 💓 23
			Flush threaded PVC schedule 80 2 4
J. Filter pack, bottom ft. MS	3L or 1.5 H.		Other 🗆 🚃
		10. Screen materia	1:
K. Borehole, bottom ft. MS	3L or 16 ft.	a. Screen type	: Factory cut 🔀 11
			Continuous slot 🔲 0 1
L. Borehole, diameter2 in.	\ E.Z.2		Other 🗆
El Botolloto, Gillinotot		b. Manufacture	
M. O.D. well casing in.	•	c. Slot size:	0.Q1Q in
ivi. O.D. won casing m.		d. Slotted leng	
N. I.D. well casing _ Q.75 in.		. *	al (below filter pack): None 2 1 4
N. I.D. well casing _ Q.75 in.		11. Dacktili maten	
			Other 🗆
I hereby certify that the information on this		best of my knowledge.	
Signature	Firm KPR	CG AND ASSOCIATE	S Tar
MOTE ALL ALL	1 1/1/17	-~ 「マック」 しょうしんりゅうしん	ان المحسور ا

	Vatershed/Wastewater ☐ Remediation/Redevelopment⊠	Waste Management	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Facility/Project Name	Remediation/Redevelopment Local Grid Location of Well ft	N 1712	Well Name CO 10
FORMER NATURAL CLEANERS	r. 🖯 !	Nff	Well Name GP-12
Facility License, Permit or Monitoring No.	Local Grid Origin 🔲 (estimate	ed: 🗌) or Well Location 🗍	Wis. Unique Well No. DNR Well ID No.
	Lat. Lat.	ongor	
Facility ID 341140250	St. Planeft. N,		Date Well Installed 125 12013
Type of Well	Section Location of Waste/Source	787 5	well Installed By: Name (first, last) and Firm
Well Code MW/11	5W 1/4 of SE 1/4 of Sec. 5		- DAN BENDORF
Distance from Waste/ Enf. Stds.	Location of Well Relative to Wa u ☐ Upgradient s ☐	ste/Source Gov. Lot Number Sidegradient	
Sourceft. Apply	d Downgradient n	J 1	PROBE TECHNOLOGIES
	ft. MSL	l. Cap and lock?	X Yes □ No
• • •	i	2. Protective cover	nine:
B. Well casing, top elevation	ft. MSL	a. Inside diamete	
C. Land surface elevation	ft.MSL	b. Length:	<u>1</u> n.
D. Surface seal, bottom ft. MS	er or the second	c. Material:	Steel 🕱 04
	1 82-33/3CA*/1		Other 🗆
12. USCS classification of soil near screen	1 1 1 1	d. Additional pro	
GP GM GC GW GS	EL STEP	If yes, describ	Bentonite 🗆 30
Bedrock □		3. Surface scal:	Concrete \(0.1
13. Sieve analysis performed?	Yes 🗷 No		Other
14. Drilling method used: Ro	tary □ 50	4. Material between	well casing and protective pipe:
Hollow Stem A	· I KOKI		Bentonite 🗵 30
	Other X	<u></u>	Other 🗖 🌉
	_	5. Annular space s	eal: a. Granular/Chipped Bentonite X 33
15. Drilling fluid used: Water 0 2	Air 01	bLbs/gal	mud weight Bentonite-sand slurry □ 35
Drilling Mud [] 0 3	None X 99		mud weight Bentonite slurry 🔲 31
16. Drilling additives used?	Yes X No		nite Bentonite-cement grout \(\Bigcup 50 \)
10. Diming acceptance		1000	ovolume added for any of the above
Describe		f. How installed	
17. Source of water (attach analysis, if req	uired):		Tremie pumped □ 02 Gravity 🗵 08
		6. Bentonite seal:	a. Bentonite granules 33
			(3/8 in. □1/2 in. Bentonite chips 🕱 32
E. Bentonite seal, topft. MS	SL or Lft.	Ø / c	Other 🗆 🚆
			, , , , , , , , , , , , , , , , , , , ,
	SL or 3.5 ft.	a	ial: Manufacturer, product name & mesh size
G. Filter pack, top ft, MS	SLor3.5 ft.	b. Volume adde	dft ³
H. Screen joint, top ft. MS	SL or 5 ft.	8. Filter pack mate	rial: Manufacturer, product name & mesh size
		b. Volume adde	ed ft ³
I. Well bottom ft. MS	SL or 15 ft.	9. Well casing:	Flush threaded PVC schedule 40 🕱 23
E. 150	or IC A_ 【信		Flush threaded PVC schedule 80 24
I. Filter pack, bottomft. MS	st or is it.		Other 🗆
K. Borehole, bottom ft. MS	sr or 15 fts	10. Screen material	
K. Horehole, bottom It was	3L or [5]	a. Screen type:	
L. Borehole, diameter2 in.		22 \	Continuous slot \(\begin{align*}
L. Borehole, diameter in.		b. Manufacture	
M. O.D. well casing in.		c. Slot size:	0.010 in.
		d. Slotted lengt	
N. I.D. well casing _ O.75 in.		11. Backfill materia	I (below filter pack): None 🗹 14
-			Other 🗆
I hereby certify that the information on this	s form is true and correct to the b	est of my knowledge.	
Signature Co	Firm	G ANDASSOCIATES	
\Jr)(\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	INK	ic andthissociate	ع اسا خ

State of Wisconsin	(Takanah ad (S\$faatanatan	Wasta Mari		MONITORING WEL	L CONSTRUCTIO
R	Vatershed/Wastewater Remediation/Redevelopmen			Form 4400-113A	Rev. 7-98
	Local Grid Location of We	I I NI	fr. E. fr. W.	Well Name GP-	13
FORMER NATURAL CLEANERS Facility License, Permit or Monitoring No.	Local Grid Origin 🖂 (es	timated: 🗆) or		Wis. Unique Well No.	. —
-	Lat	Long	us or		
Facility ID	St. Planef	ft. N,	ft. E. S/C/N	Date Well Installed	125 12013
34 1 14 0 2 5 0 Type of Well	Section Location of Waste,		ÞÍE	Well Installed By: Na	d d y y y y
Well Code MW/ 11	<u>SW</u> 1/4 of <u>SE</u> 1/4 of S		N, R. 22 🖥 🕏	DAN BENDO	
Distance from Waste/ Enf. Stds.	Location of Well Relative to Upgradient s	to Waste/Source □ Sidegradient	Gov. Lot Number	l	
Sourceft. Apply		Not Known		PROBE TEC	
A. Protective pipe, top elevation	ft. MSL	·	. Cap and lock?	•	X Yes 🗆 No
B. Well casing, top elevation	ft. MSL	# □ �^^	2. Protective cover p a. Inside diameter	_	g in
<u>-</u> . •	ft. MSL		b. Length:	•	<u>I</u> fi.
	errec .		c. Material:	1	Steel) 2 0 4
D. Surface seal, bottom ft. MS	\$25 W.C. 3*				Other 🗆 🧱
12. USCS classification of soil near screen GP □ GM □ GC □ GW □ S	1 1		d. Additional pro- If yes, describe		☐ Yes ☐ No
SM SC ML MH C	IN SECHEL		• .	71	Bentonite D 30
Bedrock 🗆			3. Surface scal:		Concrete 2 01
	Yes 🗷 No				Other 🛘 🧮
	tary 🗆 50	8 8 '	4. Material between	well casing and protect	" " . <i>"</i>
Hollow Stem Au GEORLOBE O	ther				Bentonite ⊠ 30 Other □
40,000			5. Annular space sea	al: a. Granular/Chip	
15. Drilling fluid used: Water □ 0 2	Air 🗆 01		bLbs/gal n	and weight Bentoni	
Drilling Mud 🗆 0 3 1	None X 99		cLbs/gal m	nud weight Ben	nțonite slurry 🗖 31
16. Drilling additives used?	Yes X No			ite Bentonite- volume added for any	
	′		f. How installed:		Tremie 🔲 0
Describe			1. How instance.		anie pumped 🗆 02
17. Source of water (attach analysis, if requ	iired):			_	Gravity 🛛 08
			6. Bentonite seal:	,	mite granules [33
E. Bentonite seal, topft. MS	Lor Ift.		в. u1/4 m. уз	3/8 in. □1/2 in. B	entonite chips 🗷 32
	_ \		3 D: 1		
F. Fine sand, top ft. MS	Lor3.5ft.		/. Fine sand materia	al; Manufacturer, prod	
G. Filter pack, top ft, MS	SL or 3 • 5 ft.		a		
G. Filter pack, top ft. MS	roi		b. Volume added 8 Filter pack mater	ial: Manufacturer, proc	••
H. Screen joint, top ft. MS	L or5 ft.		a.		
			b. Volume added		ft ³
I. Well bottom ft. MS	SL or <u>15</u> ft.		9. Well casing:	Flush threaded PVC	
J. Filter pack, bottomft. MS	81.or 15 ft.			Flush threaded PVC	schedule 80 🔲 24
1, Filler pack, bottom zervice			0. Screen material:		
K. Borehole, bottom ft. MS	Lor15ft.		a. Screen type:		Factory cut X 11
2				Cor	ntinuous slot 🔲 0 1
L. Borehole, diameter in.					Other 🗆 🧾
M. O.D. well casing in.		\	b. Manufacturer c. Slot size:		0. <u>010</u> in
_		\	d. Slotted length	:	i_c ft
N. I.D. well casing _ Q.75 in.		1	1. Backfill material	(below filter pack):	None 🗹 14
		41. L. 4. C			Other 🗆 🥸
I hereby certify that the information on this	s form is true and correct to	ine best of my kno	owiedge.		
Signature Signature	"" K	PRG AND	+SSOCIATES	ه سک	

	Watershed/Wastewater Remediation/Redevelopment		agement [MONITORING WELL Form 4400-113A	CONSTRUCTION Rev. 7-98
Facility/Project Name	Remediation/Redevelopment Local Grid Location of Wel	1,	C F	Well Name	0
FORMER NATURAL CLEANERS	ft	. HS:	ft.	Well Name GP-1	6
Facility License, Permit or Monitoring No.	Local Grid Origin [(est	imated: 🗆) or	Well Location	Wis. Unique Well No.	DNR Well ID No.
	Lat.	_"Long	t II	•	
Facility ID		_		Date Well Installed	
341140250			ft. E. S/C/N	1 09 /	<u> 25/2013</u>
Type of Well	Section Location of Waste/		- 74E	Well Installed By: Nam	d d y y y y
Well Code MW/11	SW 1/4 of SE 1/4 of S	ec <u>, 5_,</u> T. <u>8</u>	_N, R. 22 🖥 🕏	DAN BENDOR	
	Location of Well Relative to	o Waste/Source	Gov. Lot Number	VAN BENDOK	<u> </u>
Distance from Waste/ Enf. Stds.		☐ Sidegradient		PROBE TECH	LALAGIES
Sourceft. Apply \square	d Downgradient n				
A. Protective pipe, top elevation	ft. MSL		1. Cap and lock?		X Yes 🗆 No
7) XX-11	ft. MSL		2. Protective cover	• •	۵.
B. Well casing, top elevation			a. Inside diamete	r:	& in.
C. Land surface elevation	ft. MSL		b. Length:		<u>l</u> ft.
	Contract of		c. Material:		Steel]⊠ 04
D. Surface seal, bottom ft. MS	SL or I II.				Other 🛚 🏬
12. USCS classification of soil near screen	n:	Mys Agency	d. Additional pro	etection?	☐ Yes ☐ No
GP□ GM□ GC□ GW□ S	SW 🗆 SP 🗆 🔪 🕻		If yes, describ	e:	
SM SC ML MH C	CLXX(CH□ \	H M / /			Bentonite D 30
Bedrock 🗆		₩ ₩ \	3. Surface scal:		Concrete 201
13. Sieve analysis performed?	Yes 🗷 No	₩ \			Other 🗆 🚞
14. Drilling method used: Ro	tary □ 50		4 Material between	well casing and protective	ve nine:
Hollow Stem A		₩ ₩	7. Massiai Bothoo	won ononing and proteotic	Bentonite 🗵 30
	other X	₩ ₩			Other 🗆 🎎
GEOTROBL	Alles Assets	₩ ₩			
15. Drilling fluid used: Water □ 0 2	Air □ 01		Annular space se	a. Granular/Chippe	
	None X 99			mud weight Bentonite	
2g	HORE AS 33			nud weight Bento	
16. Drilling additives used?	Yes XI No	₩ ₩		nite Bentonite-co	
	7	₩ ₩	eFt	³ volume added for any o	
Describe		₩ ₩	f. How installed		Tremie 🛮 01
17. Source of water (attach analysis, if requ		₩ ₩		Trem	nie pumped 🛛 02
17. Source of water (attach analysis, if req	uired):	₩ ₩			Gravity 🕱 08
			6. Bentonite seal:		ite granules 🔲 33
		XX XX	b. □1/4 in. 💆	3/8 in. □1/2 in. Ben	tonite chips 🗷 32
E. Bentonite seal, top ft. MS	SL or lft.	*** /	с		Other 🔲 🎎
	\ \				
F. Fine sand, top ft. MS	SL or _ 3.5 ft.	* 	/. Fine sand materi	al: Manufacturer, produc	it name & mesh size
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		a		
G. Filter pack, top ft. MS	SL or 3.5 ft.		b. Volume adde	d fi	3
	\			rial: Manufacturer, produ	ct name & mesh size
H. Screen joint, top ft. MS	SLor 5 ft.			······, p	XXX
it coroni joing top			b. Volume adde	d ft	3
I Wall bottom ft MS	SL or 15 ft.		9. Well casing:	Flush threaded PVC sc	
I. Well bottom IL MS	72 th		J. Well cashing.	Flush threaded PVC sc	, -
J. Filter pack, bottom ft. MS	er or 15 A			1 idsh dhomaca 1 1 C so	
J. Filter pack, bottom IL MI	3E 01 12 II.		0.00		2000
E 140	ST 160.		10. Screen material:		
K. Borehole, bottom ft. MS	SL or 1011		a. Screen type:		Factory cut X 11
7				Cont	inuous slot 🔲 01
L. Borehole, diameter2 in.		\			Other 🗆 🔛
			b. Manufacturer		
M. O.D. well casing in.			c. Slot size:		0.010 in.
		\	d. Slotted length		Lo_ft.
N. I.D. well casing _ Q.75 in.		;	 Backfill material 	l (below filter pack):	None 🗵 14
-					Other 🛚 🌉
I hereby certify that the information on this	s form is true and correct to	the best of my kn	owledge.		
Signature O A	Firm .				
1000	K	LKG ANDY	7550010765	ع لمكر د	

•	Vatershed/Wastewater ☐ Remediation/Redevelopment区	Waste Manag Other □	gement	MONITORING WELL Form 4400-113A	L CONSTRUCT	TION
	Local Grid Location of Well			Well Name	<u> </u>	
FORMER NATURAL CLEANERS		⊒ N. ∃ S	ft. 🗆 E. ft. 🗆 W.	Well Name GP-1	l /	
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated)		Well Location or	Wis. Unique Well No.	DNR Well ID 1	No.
Facility ID	St. Planeft. N		ft. E. S/C/N	Date Well Installed	25/201	3
341140250	Section Location of Waste/Sou	urce	~ _	m m	ddvvv	7 7
Type of Well Code MW/11	SW 1/4 of SE 1/4 of Sec,	<u>5</u> ,T. <u>8</u>	N, R. 22 🖁 🕏	Well Installed By: National BENDOR	ne (first, last) and	d Firm
Distance from Waste/ Enf. Stds.	Location of Well Relative to Y u Upgradient s	Waste/Source Sidegradient	Gov. Lot Number			-
Sourceft. Apply _		Not Known		PROBE TECH	1 HOLOGIES	-
A. Protective pipe, top elevation	ft. MSL		Cap and lock?		X Yes 🗆	No
B. Well casing, top elevation	ft. MSL	1137	Protective cover p a. Inside diameter	-	ę	<u>}</u> in.
	ft. MSL	1	b. Length:	•		<u>l</u> ft.
	, Server 161	l Bearing	c. Material:	•	Steel X	04
D. Surface seal, bottom ft. MS	3053000001					ALC: ALC: ALC: ALC: ALC: ALC: ALC: ALC:
12. USCS classification of soil near screen	1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	X	d. Additional pro		☐ Yes ☐	No
GP GM GC GW S			If yes, describe	s:	Bentonite 🏻	30
Bedrock 🗆	, · · · · · · · · · · · · · · · · · · ·	3.	Surface scal:		Concrete	
13. Sieve analysis performed?	Yes 🗷 No				Other 🗆	
14. Drilling method used: Ro	tary □ 50	4.	Material between	well casing and protect		1111.111
Hollow Stem Au					Bentonite 🗵	
<u>GEOPROBE</u> O	ther 🗵 📖			G 1 (CL)	Other 🗆	
15. Drilling fluid used: Water □ 0 2	Air 🗆 01		Annular space se	al; a. Granular/Chipp nud weight Bentonit		
	None X 99			nud weight Bentome		31
				ite Bentonite-		
16. Drilling additives used?	Yes X No	. e		olume added for any	of the above	
Describe		f.	How installed:		Tremie 🗆	0 1
17. Source of water (attach analysis, if requ	uired):			Tres	mie pumped Consiste M	~ -
		8 6	Bentonite seal:	a. Benton	Gravity 🗖	
		EXXX =		, 3/8 in. □1/2 in. Be		
E. Bentonite seal, topft. MS	iL or ft.		c		Other 🗆	***
F. Fine sand, top ft. MS	SL or <u>3 . 5</u> ft.	7.	Fine sand materia	al: Manufacturer, produ	ict name & mesh	h size
			a			
G. Filter pack, top ft. MS	SL or3.5 ft.		b. Volume added		13	
H. Screen joint, top ft. MS	SL or 5 ft.		a	ial: Manufacturer, prod		sh size
C 150	154.		b. Volume added		13	- 12
I. Well bottom ft. MS	SL or15 ft.		. Well casing:	Flush threaded PVC s Flush threaded PVC s		23
J. Filter pack, bottom ft. MS	SL or 15 ft.				Other 🗆	
72 TO 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ST 07 15 A .	7777	. Screen material:		P	
K. Borchole, bottom ft. MS	11 or 13 III		a. Screen type:	Con	Factory cut X	11
L. Borehole, diameter2 in.					Other 🗆	
		\	b. Manufacturer			, وهم نسم
M. O.D. well casing in.			c. Slot size:d. Slotted length	•		LO in. LO ft.
N. I.D. well casing		11		(below filter pack):	None X	
N. I.D. well casing		11	, Davariii miniciiai	(2001) Inot proxy	Other 🗆	
I hereby certify that the information on this	s form is true and correct to the	best of my know	vledge.			
Signature	Firm KPI	RG ANDA	SSOCIATES	ه سکر ،		

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed,	/Wast	tewat	er 🔲	Waste Management			
Remediation	n/Re	deve	lopment X	Other			
Facility/Project Name former Natural Cleane			ounty Name	Milwaukee	Well Name	MW-5	
Facility License, Permit or Monitoring Number		C	ounty Code	Wis. Unique Well N	umber		ll ID Number
1 wanty 2000000, 1 winter or 1/10/11/01/11/01			41_	William William			
1. Can this well be purged dry?		Yes	□ No	11. Depth to Water (from top of			After Development
2. Well development method	_			well casing)	a <u>10</u> . <u>Z</u> .	— — III.	25.2 ft.
surged with bailer and bailed surged with bailer and pumped		41		won ousnig)			
surged with block and bailed		61		Date	. 11		.11
surged with block and bumped	_	42		Date	b. $05 / 11 $	_/ <u>2017</u> _	$\frac{1}{\sqrt{y}} = \frac{05}{m} \frac{11}{d} \frac{1}{d} \frac{2017}{y} \frac{1}{y} \frac{1}{y}$
surged with block, bailed and pumped		62					
compressed air		70		Time	- 13 .45	a.m.	a.m.
bailed only		20		Inne	c. 13 . 15 _	_ ⊔ р.ш.	
pumped only		10 51		12. Sediment in well	0	inchan	<u>0</u> inches
pumped only pumped slowly				bottom		inches	
Other		5 0 		13. Water clarity	Clear □ 1 Turbid ☑ 1		Clear
3. Time spent developing well		60_	_min.		(Describe)		(Describe)
4. Depth of well (from top of well casisng)	<u>25.2</u>		_ ft.				
5. Inside diameter of well	2.		_ in.				
6. Volume of water in filter pack and well casing			_ gal.				
7. Volume of water removed from well	:	<u>5. (</u>	<u>)</u> gal.				at solid waste facility:
8. Volume of water added (if any)		0	_ gal.	14. Total suspended solids		· mg/l	mg/l
9. Source of water added				15. COD		mg/l	mg/l
				16. Well developed b	y: Name (first, l	last) and Firn	1
10. Analysis performed on water added? (If yes, attach results)		Yes	☑ No	First Name: Patric	:k	Last Nam	e: Allenstein
				Firm: KPRG and	l Associates, l	Inc.	
17. Additional comments on development:							
Name and Address of Facility Contact/Owner/Res First Last Name: Name:	ponsi	ble Pa	arty	I hereby certify that of my knowledge.	at the above inf	formation i	s true and correct to the best
Facility/Firm: former Natural Cleaners				Signature:			
Street: 8828 Port Washington Road				Print Name: Pat	rick Allenste	in	
City/State/Zip: Bayside, WI				Firm: KP	RG and Asso	ciates, Inc	<u>. </u>

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

Page 1 of 2

Route to: Drinking W	√ater ∐ Wa	tershed/Waste	water	Waste Mana	agement	X Remedi	ation/R	edevel	opment	Other:			
1. General I	nformation					2. Facility	/ Owr	ier In	formation	OBSERVE			
WI Unique We		IR Well ID No.	County	1		Facility Nam	е	3-12-11		(- 1938 4 V - 1850	Yhom prodictiv	. New A. P. Description and
			1 .	LAUKEE		- 10	N _V		L CLEAR		N.Joi		
Common Well	GP.	-1	Gov't Lot #	(if applicable	e)	Facility ID			ense/Permit	Monitorii	- 1	ly, Village BAYSIDI	
1/4 / 1/4	1/4	Section	Township	Range	× E	Street Addre			unu loc	- 1 p.			
<u>sw</u>	SE	5	8	N 22	· 🔲 W	Present Wel			MASHINGT		Well Ov	wner	
Feet r	Frid Location	TE D	Local Grid	Origin		1 TOSCIII VVOI	OWITE	'		Original	, vicii o		
[(estimated)	or \square w	ell Location	Street Addre	ss or l	Route	of Owner				
Latitu	ide: DEG MIN	SEC	opaitude:	DEG MIN S							011	715.01	
		N			χχ	City					State	ZIP Cod	е
Reason For Al		WIU	nique Well	No. of Repla	cement W	4. Pump. I	_iner.	Scree	n, Casing	& Sealir	ng Mate	rial	
Soil BOR	encontract visit of the contract and		condition in the last two	London-sec. Herbrich		Pump and	70 years 2 4 4	9246 [. 56.	50 6 50 6 50 6 50 5 5			Yes _	No ⋈ N/A
3. Well / Dri	Ilhole / Borel	 P. P. Charles David A. M. Spinster, Phys. Lett. 57 	tion Construction	Doto		Liner(s) re			vou:			Yes [No ▼ N/A
Monitorir	ng Well	Original	11/\$16/0			Screen re						Yes [No ✓ N/A
Water W	/ell	If a Moll (eport is availab	ulo.	Casing le	ft in pla	ice?	•]Yes [No × N/A
> Borehole	e / Drillhole	please at		epon is availab	,	Was casi	ng cut d	off beli	ow surface?			Yes _	No × N/A
Construction 7	Туре:					Did sealir	ng mate	erial ris	se to surface	?	×]Yes [No N/A
Drilled	Dri	ven (Sandpoin	t) [Dug		Did mate	rial sett	le afte	r 24 hours?			Yes 🗴	No N/A
➤ Other (s	pecify): <u>GE</u>	PROBE_				1			topped?	41		Yes	No LN/A
Formation Typ	pe:								used, were om a known:		ce? 🖹	Yes [No N/A
	olidated Format	ion	Bedroo	, r					ing Sealing I				
							ctor Pip		· =	nductor P	•	ped	
Total Well Dep	pth From Groui	ndsurface (ft.)	Casing D	ameter (in.)	AL	<u> </u>	nite Ch		U Oth	er (Expla	ain):		
Lower Drillhole	e Diameter (in.) Z	Casing D	epth (ft.)	Δ.	Sealing Mat	enais Sement	Grout			Clay-Sar	nd Slurry (11 lb./gal. wt.)
						Sand-0	Cement	(Cond	crete) Grout	=		e-Sand Slu	arry " "
Was well annu	ular space grou	ıted?	Yes [□No □	Unknown	Concre					Bentonite	•	
If you to what	donth (foot)0	Г	th to Mate	· (fo = 4)		For Monitor Bentoni	_		d Monitoring			Only: ent Grout	
If yes, to what	depth (leet)?	Det	oth to Water	JE JE			r Bento			Bentonit			
5. Material U	sed To Fill We	ell / Drillhole		J C.		From (ft.)	То	galasi si	No. Yards	, Sacks	Sealant	Mix	Ratio or
<u> </u>		PED BEN	かいっこ			Surface	3		or Volur	ne (circi	e one)	Muc	d Weight
	CHIP	VED BEN	101116			Burrace				······		 	
6. Commen	ts							-25,74					
7. Supervis	ion of Work									DNR	Use On	ly	
Name of Pers	on or Firm Doi		ork	ļc		andonment	2000	Date F	Received		ed By		
	E TECHNO	LOGIES			11/1			A					
Street or Rout	te			T L	elephone	Number		Comn	nents				
City			State	ZIP Code		Signature	Reyso	n Doir	ng Work		Di	ate Signed	i
			Į			1 4000	ult				1		

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

Page 1 of 2

Route to: Drinking Water Watershed/Watershed	astewater Waste N	Management	X Remediat	ion/Redeve	lopment Othe	r:
1. General Information			2. Facility /	Owner In	formation	
WI Unique Well No. DNR Well ID	No. County MILWAUKE	£	Facility Name	NATUR	AL CLEANERS	
Common Well Name GP-2	Gov't Lot # (if applic	cable)	Facility ID	Lic	ense/Permit/Monito	ring NdCity, Village or Town BAYSIDE.
%/% % Section Section SE 5	Township Rang	ge × E	Street Addres 8828		WASHINGTON R	DAD
Grid Location Feet NFeet E	Local Grid Origin		Present Well (al Well Owner
Latitude: DEG MIN SEC	(estimated) OR Longitude:	Well Location N SEC	Street Addres City	s or Route	of Owner	State ZIP Code
	N /I Unique Well No. of Re	l w			en, Casing & Seal	
SOIL BORING			100 00,000,00 € 2 00 00	age were some one	2 <u>,152 N. Mark</u> B ang <u>D. V.</u>	
3. Well / Drillhole / Borehole Infor	<u> </u>			piping remo	oved?	Yes No No N/A
Monitoring Well Water Well	nal Construction Date II / \$16/06		Liner(s) ren Screen rem			Yes No N/A Yes No N/A
If a V	Vell Construction Report is av	/ailable,	Casing left	in place?		Yes No No N/A
pisac	se attach.		Was casing	cut off bel	ow surface?	∐Yes ∐No ×N/A
Construction Type:			1		se to surface?	Yes No N/A
Drilled Driven (Sandp	point) Dug				r 24 hours?	☐ Yes ☑ No ☐ N/A
➤ Other (specify):GEOPLOBE_			1	was hole re chips were	used, were they	☐Yes ☐No ☐N/A
Formation Type:			hydrated w	ith water fro	om a known safe so	
✓ Unconsolidated Formation	Bedrock			hod of Plac or Pipe-Gra	ing Sealing Materia vity Conductor	I Pipe-Pumped
Total ਅਦੀ Depth From Groundsurface। 3	(ft.) Casing Diameter (in.) ムム	<u></u>	te Chips)	Other (Exp	olain):
Lower Drillhole Diameter (in.)	Casing Depth (ft.)	NA		ment Grout		Clay-Sand Slurry (11 lb./gal. wt.) Bentonite-Sand Slurry " ".
Was well annular space grouted?	Yes No	Unknown	Concrete	е `	crete) Grout	Bentonite Chips
If yes, to what depth (feet)?	Depth to Water (feet) NE		X Bentonite		Bentor	nite - Cement Grout nite - Sand Slurry
5. Material Used To Fill Well / Drillho			From (ft.)	To (ft.)	No. Yards, Sacks	s Sealant Mix Ratio or
CHIPPED BE	EN76N176		Surface	3		3
6. Comments						
7. Supervision of Work					DNE	Use Only
Name of Person or Firm Doing Sealing	Work	Date of Aba	ndonment	Date F		oted By
PROBE TECHNOLOGIES		11/16	:106			
Street or Route		Telephone N	lumber	Comm	nents	en en en en en en en en en en en en en e
City	State ZIP Co	ode	Signature of F	erson Doir	ng Work	Date Signed

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

Page 1 of 2

Route to: Drinking Water Watershed/Wastew	ater W	aste Manag	jement	X Remedi	ation/Redeve	elopment	Other:	
1. General Information				2. Facility	/ Owner In	formation		
WI Unique Well No. DNR Well ID No. C	County MILWA	UKEE		Facility Nam	е	DL CLEA	JERS	
Common Well Name GP-3	Gov't Lot # (if	applicable)	l	Facility ID	Lio	cense/Permit	/Monitoring No	City, Village or Town BAYSIDE
14/4	ownship N	Range 22	⋉ E	Street Addre		WASHING	IDA ROAD	
Grid Location			vv	Present We			Original Well	Owner
	ocal Grid Ori	-	Location	Street Addre	ess or Route	of Owner		
Latitude: DEG MIN SEC	ongitude: DE			City		,	State	ZIP Code
Reason For Abandonment WI Uni	que Well No	of Replace	W ement We	4 Dumn	inar Sera	on Caeina	& Sealing M	afárial
3010 00-1-9		As a street week a re-		ì	d piping remo		& Seaming in	Yes No No N/A
3. Well / Drillhole / Borehole Informati		-t-		Liner(s) r	. , .	oveur		Yes No No N/A
	nstruction D	ate .		Screen re				Yes No No N/A
Water Well	nstruction Repo	et is susilable		Casing le	ft in place?			☐Yes ☐No ☒N/A
Borehole / Drillhole please atta		At is available	,	Was casi	ng cut off be	low surface?		☐Yes ☐ No ☒ N/A
Construction Type:				Did sealir	ng material ri	se to surface	?	¥ Yes ☐ No ☐ N/A
Drilled Driven (Sandpoint)		Dug		Did mate	rial settle afte	er 24 hours?		Yes X No N/A
➤ Other (specify): GEOPROBE				,	, was hole re	etopped? e used, were	they	☐ Yes ☐ No ☐ N/A
Formation Type:				hydrated	with water fr	om a known	safe source?	Yes No No N/A
✓ Unconsolidated Formation	Bedrock				ethod of Plac ctor Pipe-Gra	cing Sealing lavity	Material nductor Pipe-P	umped
Total Well Depth From Groundsurface (ft.)	Casing Dian	neter (in.)	Δ	(Bento	ned & Poured nite Chips)	I Oth	ner (Explain):_	
Lower Drillhole Diameter (in.)	Casing Dept	h (ft.)		Sealing Ma	terials Cement Grout	t	—	Sand Slurry (11 lb./gal. wt.)
Was well annular space grouted?	Yes	No Du	Jnknown	Concr		•	Bento	onite-Sand Slurry " " onite Chips
If yes, to what depth (feet)? Depti	n to Water (fe			For Monitor Benton	-	d Monitoring	Well Borehole Bentonite - C	•
m yes, to what depth (leet)?	NE	*			r Bentonite	Ë	Bentonite - S	
5. Material Used To Fill Well / Drillhole	a en			From (ft.)	To (ft.)		, Sacks Seala πe (circle one	
CHIPPED BENT	Bring			Surface	15			
	***************************************		· · · · · · · · · · · · · · · · · · ·					
6. Comments								
7. Supervision of Work							DNR Use	Only
Name of Person or Firm Doing Sealing World	<	Da		ndonment /	Date	Received	Noted By	1
PROBE TECHNOLOGIES Street or Route		Tel	lephone N		Comr	nents		
City	State	ZIP Code)	Signature	Person Doi	ng Work		Date Signed

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

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Route to: Drinking W	later \	tershed/Wastev	vater	Waste Ma	nagement	X Remediat	ion/Red	levelonment	Other:		
AND THE RESERVE OF THE PARTY OF		icisileu/vvasiev	vatei	vvaste ivia	mayement		C. Manual III. No			- 725 <u>2</u> 197	
1. General II WI Unique We		R Well ID No.	County		100000000000000000000000000000000000000	Facility Name	Owne	r Information			
			-	LAUKEE	<u>.</u>		NATI	URAL CLE	aners		
Common Well	Name GP	4	Gov't Lot#	(if applical	ble)	Facility ID		License/Perm	nit/Monitoring		illage or Town
1/4 / 1/4	1/4		Township	Range	X E	Street Address					<u></u>
SW	SE	5	8	N 27				I WASHING			
	rid Location		_ocal Grid (Origin		Present Well (Owner		Original V	Vell Owner	
Feet	N Feet		(estimated)	<i>_</i>	Well Locatio	Street Address	s or Ro	oute of Owner	<u>.</u>		
Latitu			onaitude:	DEG MIN						. -715	
		N		1	l v	City /			St	ate ZIF	Code .
Reason For Al		WI Un	ique Well N	lo. of Rep	lacement W	e 4. Pump, Li	ner, So	creen, Casin	g & Sealing	Material	
SOIL BOR				50 NoVO2-5-77H3		Pump and p	3403945.9.5.3.3	15 1410F041 30.4 1 54 140F04144		Ye:	
3. Well / Dri	llhole / Boreh	Constitute and Section Constitution	onstruction	Date		Liner(s) ren				Yes	
Monitorir	ng Well	, ,	11/16/01			Screen rem	oved?			Ye	s □No ×N/A
Water W			onstruction R		able,	Casing left	in place	≘?		Ye	s No × N/A
	e / Drillhole	please atta	ich.			Was casing	cut off	below surface	?	Ye	s No No N/A
Construction 7	Гуре:		_			Did sealing	materi	al rise to surfac	æ?	Ye:	s No No N/A
Drilled	Driv	en (Sandpoint)		Dug				after 24 hours	?	∐ Ye:	s × No N/A
✓ Other (s)	pecify): <u>GEo</u>	Probe				1 -		e retopped? were used, wer	e thev	∐ Ye:	
Formation Typ	oe:							er from a know		? 💌 Ye:	s No N/A
✓ Unconso	lidated Formati	on [Bedroc	k		Required Met		Placing Sealing -Gravity	g Material onductor Pipe	e-Pumped	
Total Well Dep	oth From Grour		Casing Di	ameter (in)	Screene (Bentoni			ther (Explain	ı):	
Lower Drillhole	e Diameter (in.)	15	Casing De	enth (ft)	74	Sealing Mater	ials		Γ7.0		
	, D. G. 110101 (III.)	2	outing D		16	Neat Cer			Π.	•	lurry (11 lb./gal. wt.) nd Slurry " "
					7	1		Concrete) Grou	· =	entonite-Sa	•
Was well annu	ılar space grou	ted?	Yes L	∐No L	l Unknown	For Monitoring		and Monitorin			,
If yes, to what	depth (feet)?	Dept	h to Water	(feet)		✗ Bentonite	-		- -1	- Cement G	
				1E		Granular	Bentoni	ite [Bentonite -	- Sand Slur	rry
5. Material U	sed To Fill We	II / Drillhole				From (ft.)	To (ft		ls, Sacks Se ume (circle d		Mix Ratio or Mud Weight
	CHIP	PED BENT	6N176			Surface	15			5.0 d. 200 d. 1.000 d	
Biologic Colored Na State Co.	86 8300 000 8 880 000 000	A557.9 (1) 1 98. year	surface valued as				an Contract		una el el el lada da solici e con e	Analusi Sersonali Cina	mineral sector approximate was a process, its
6. Comment	ts		901 x 15 y 15 y								
								•			
7. Supervisi	on of Work			ns an seas					DNR Us	se Only	
Name of Perso			k		Date of Ab		Da	ate Received	Noted		
	E TECHNO	LOGIES				6/06					
Street or Route	е				Telephone	number	C(omments			
City			State	ZIP Cod	e ,	Signaturatof	erson	Doing Work		Date S	Signed

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

age 1 of 2

Route to:	—		. г	71	/D 1 l-		0.11		
Drinking Water Watershed/Wastev	vater Wast	le Manage		K Remediation			Other:		
1. General Information				Facility / O	wner Info	ormation			
WI Unique Well No. DNR Well ID No.	County MILW	VOKE	: f	acility Name NATURA	L CLE	avers			
Common West Name GP-5	Gov't Lot # (if ap			acility ID	Lice	ense/Permit/N		ty, Village or To BAYSIDE	
%/% % Section	Township R	Range	NE S	treet Address	of Well	1			
SW SE 5	8 N	22	骨。し			MASHIN	TON RD.		
Grid Location	4		P	resent Well Ov	wner		Original Well C	wner	
Feet NFeet DE	Local Grid Origin		9	Street Address	or Route	of Owner			
Latitude:	(estimated) OR Longitude:		Location						
DEG MIN SEC	DEG.	MIN SEC	o w	City			State	ZIP Code	
Reason For Abandonment WI U	nique Well No. c	of Replace	ment We	/ Drown Lin		n Cacina S	Sealing Mat	l ferial	
Soil BORING	<u> </u>						x Sealing Mar	Yes No	X N/A
3. Well / Drillhole / Borehole Informa				Pump and pi Liner(s) rem	-	oveo?	F		X N/A
Monitoring Mot	Construction Da 12 /2 0 / 07	te		Screen remo					N/A
Water Well	-1-1-			Casing left in				Yes No	AVA
Borehole / Drillhole please a	Construction Report tlach.	l is available	·	Was casing	cut off bel	low surface?	. [☐Yes ☐No	AM
Construction Type:						se to surface	Γ	¥Yes ∏N	AIN 🔲 c
Drilled Driven (Sandpoin	nt) 🔲 🗆	Oug		Did materia	l settle afte	er 24 hours?	1	Yes KN	
▼ Other (specify):		•			vas hole re	etopped? e used, were	thev	Yes LIN	o K N/A
Formation Type:				hydrated wi	th water fr	om a known	safe source?	≯ Yes □ N	o N/A
Unconsolidated Formation	Bedrock			1 —	or Pipe-Gr	avity LCo	Material nductor Pipe-Pi	umped	
Total Well Depth From Groundsurface (ft.) Casing Diam		NV	<u> </u>	te Chips)	d Llot	her (Explain):		
Lower Drillhole Diameter (in)	Casing Dept	h (ft.)		Sealing Mate	rials ment Grou	rt	Clay-	Sand Slurry (11	lb./gal. wl.)
2			44			ncrete) Grout	Bento	nite-Sand Slum	у" п
Was well annular space grouted?	Yes 🗆	No 🗌	Unknown	Concret	•	•	Bento	onite Chips	
Trac treat drained. Space groups:					_	nd Monitoring	Well Borehole		
If yes, to what depth (feet)?	epth to Water (fe	eet)		➤ Bentonit		Ļ	Bentonite - C		
				Granular	Bentonite		Bentonite - S		atio or
5. Material Used To Fill Well / Drillhol	e		····	From (ft.)	To (ft.)		s, Sacks Seal ime (circle on		Weight
	ASPHALT		·····	Surface	φ.5				
	HIPPED BE	ilath	(E	ψ.5	15				
6. Comments					}	_1		<u> </u>	
7 Compadator -FINI1-							DNR Use	Only	
7. Supervision of Work Name of Person or Firm Doing Sealing	Work		Date of At	andonment	Dat	te Received	Noted E	:	
ON-SITE ENVIRALMENT			- 1	20/07					
Street or Route				Number	Coi	mments		•	
City	State	ZIP Code	3	Signature o		oing Work		Date Signed	
		1		100	1				

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

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Route to:								
Drinking Water Watershed/Wastewater Waste	Management	X	Remediation	n/Redeve	elopment	Other:		
1. General Information		2.	Facility / O	wner li	nformation			
WI Unique Well No. DNR Well ID No. County	WEE	Fac	ility Name	<u> </u>	-1005			
MILWAL					eaners		22 A #30	
Common Weth Name GP-G Gov't Lot # (if applied)	cable)	Fac	ility ID		icense/Permit/M	ionitoring NaC	ity, Village or Town	n
74/14 14 Section Township Ran	an	Stre	eet Address	of Mari			DETSIDE	
		-]	\$878 ·	N. POR	et mashing	TON RD.		
Grid Location	22 DV		sent Well Ov			Original Well C	Owner	
Feet NFeet DE Local Grid Origin		L						·····
s w (estimated) OR	Well Locat	ion Str	eet Address	or Rout	te of Owner			
Latitude: DEG MIN SEC Longitude: DEG M	IN SEC	Cit				State	ZIP Code	
N		' ועד	У			Otate	Zii Gode	
Reason For Abandonment WI Unique Well No. of R	Replacement	We _{4.}	Pump, Lin	er, Scr	een, Casing &	Sealing Ma	terial	
Soil Boling			Pump and pi					N/A
3. Well / Drillhole / Borehole Information Original Construction Date		1	Liner(s) rem		110400:	Ī		N/A
Monitoring Well 12/20/07		- 1	Screen remo			Ī		N/A
Water Well If a Well Construction Report is a	a allahla		Casing left in	n place?)	[Yes No 2	AIN
Borehole / Drillhole please attach.	avaliable,		Was casing	cut off h	elow surface?		Yes No D	NIA
Construction Type:			-		rise to surface?	Ī	¥Yes □No □] N/A
Drilled Driven (Sandpoint) Dug			Did material	l settle a	ifter 24 hours?	[Yes X No	AVA
➤ Other (specify):	·*·	_	-		retopped?		Yes No P	KINIA
Formation Type:			If bentonite hydrated wit	chips wo th water	ere úsed, were t from a known s	hey afe source?	ĭYes □No [AVA
		R			lacing Sealing N		<u> </u>	
Unconsolidated Formation Bedrock			=	•	- =	ductor Pipe-Pr	umped	
Total Well Depth From Groundsurface (ft.) Casing Diamete	r (in.)			te Chips		er (Explain):		
Lower Drillhole Diameter (in) Casing Denth (f	i.)		Sealing Mater Neat Cer		-ud	Clay-	Sand Slurry (11 lb./	/gal. wt.)
Z	44		三		out Concrete) Grout	=	nite-Sand Slurry "	
Wassell and the Control of the Contr	Π.,,		Concrete		oncrete) Grout	Bento	nile Chips	
Was well annular space grouted?	Unkno				and Monitoring	Well Borehole	s Only:	
If yes, to what depth (feet)? Depth to Water (feet))	1.	→ Bentonite	-		Bentonite - C		
		- 11	Granular	Bentoni	le	Bentonite - S	and Slurry	
5. Material Used To Fill Well / Drillhole			From (ft.)	To (ft		, Sacks Seal: me (circle on		
ASPH	ALT		Surface	<i>4.5</i>				
CHIPPED BENT			4.5	15				
	- -					****		
6. Comments								
7. Supervision of Work				$\neg \top$		DNR Use	Only	
Name of Person or Firm Doing Sealing Work	ì	- 1	donment	D:	ate Received	Noted B	У	
ON-SITE ENVIRONMENTAL	17	1 =						
Street or Route	Telepl	none N	umber	C	omments		•	
City State ZIF	Code		Signature of	Person	Doing Work		Date Signed	
			1627					

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

age 1 of

Route to:		•			,						
Drinking Water Watershed/Waste	ewater Wast	e Management	X Remediation	n/Redevelopr	nentOthe	r:					
1. General Information			2. Facility / O	wner Infor	mation						
WI Unique Well No. DNR Well ID No	. County	LUKEE	Facility Name NATURA	L CLEA	HERS						
Common Well-Name GP-7	Gov't Lot # (if ap	plicable)	Facility ID	Licen	se/Permit/Monito	- 1	Village or Town				
%/% SW SE Section 5		Range X E	Street Address	of 控型	WASHINGTON	J ED.					
	д И	22 W	Present Well O			nal Well Own	er				
Grid Location Feet NFeet E	Local Grid Origin	t	Street Address	or Route of	Owner						
	(estimated) OF	Well Location		0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
Latitude: DEG MIN SEC	1	MIN SEC	City			State 2	ZIP Code				
f	Jnique Well No. o	of Replacement W	e 4. Pump, Lin	er, Screen	, Casing & Sea	aling Materi	al				
SOIL BORING				iping remove			Yes No X N/A				
3. Well / Drillhole / Borehole Inform			Liner(s) rem			F-1	Yes No X N/A				
Monitoring Well Origina	Construction Da	ıe.	Screen rem				Yes No X N/A				
Water Well			Casing left i	n place?			Yes No N/A				
Borehole / Drillhole II a We please	il Construction Repor attach.	l is available,			w surface?		Yes No No N/A				
Construction Type:			Was casing cut off below surface?								
Drilled Driven (Sandpo	int)	Dug	Did materia	l settle after	24 hours?		Yes No NA				
Other (specify): CEOPRABE				vas hole reto			Yes No KN/A				
Formation Type:			If bentonite hydrated w	chips were the other than the other	used, were they n a known safe :	source? 🔀	Yes No No NA				
Unconsolidated Formation	Bedrock		Required Mel	thod of Placi	ng Sealing Mater	rial					
			1=	or Pipe-Grav d & Poured	7 =	or Pipe-Pump	090				
Total ₩# Depth From Groundsurface (1	t.) Casing Diam	reter (in.) レム	(Benton	(Bentonite Chips) Sealing Materials							
Lower Drillhole Diameter (in.) 2	Casing Dept	h (ft.)	Neat Cement Grout Clay-Sand Sturry (11 lb./gal.								
			Sand-Cement (Concrete) Grout Bentonite-Sand Slurry " " Concrete Bentonite Chips								
Was well annular space grouted?	∐Yes ∐	No Unknow			l Monitoring Well		•				
If yes, to what depth (feet)?	Depth to Water (f	eet)	→ Bentonit			ntonite - Ceme					
, , , , , , , , , , , , , , , , , , , ,			1==	r Bentonite	Ber	ntonite - Sand	Sluny				
5. Material Used To Fill Well / Drillho	ole		From (ft.)	To (ft.)	No. Yards, Sa		Mix Ratio or Mud Weight				
	Co	NCRETE	Surface	ф.5							
	CHIPPED BE		4.5	4			+				
6. Comments				L							
7. Supervision of Work			······································		ı	ONR Use Or	nļy				
Name of Person or Firm Doing Sealing		4	Abandonment	Date	Received	Noted By					
ON-SITE ENVIRONMENT	TAL-		20/07			1					
Street or Route		Telepho	hone Number Comments)								
City	State	ZIP Code	Signature of	of Person Do	ing Work		Date Signed				
·····				1							

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

age 1 of

Route to:															
Drinking Water	Water	rshed/Wastev	vater	Waste	Manage	ement	X Remedialio	n/Rede	velop	ment	Other:	·			
1. General infor	mation						2. Facility / C	Owner	Infor	mation					
WI Unique Well No	DNR	Well ID No.	County M	IILWA	UKE	E	Facility Name	کاب کا	EΔ	HERS					
Common Well-Nan		3	Gov't Lot #	f (if app	licable)		Facility ID		Licen	se/Permit/N	Monitoring N		Village or Town		
SW X	SE	Section 5	Township	Ra N	nge ZZ	W E	Street Address of HER 8828 N. PORT WASHINGTON RD. Present Well Owner Original Well Owner								
Feet D	ocation Feet	E W	Local Grid (estimated		Wel	l Location	Street Address or Pouts of Owner								
Latitude:		SEC N	ongitude: nique Well	DEG 1	1	יגד	City				State		P Code		
Soil Bolin		17.0				-	4. Pump, Lir	er, Sc	reen	, Casing 8	k Sealing N	lateria			
3. Well / Drillho Monitoring W Water Well Borehole / D.	3.	Pump and p Liner(s) rem Screen rem Casing left	noved? loved? in place	9?			Y	es No X N/A es No X N/A es No X N/A es No X N/A							
Construction Type		please at					Was casing cut off below surface?								
Drilled Driven (Sandpoint) Dug Other (specify): GEORLOBE Formation Type:							Did materia If yes, v	al settle was hole chips v	after: e reto were t	24 hours? pped? used, were			'es No NA 'es No NA		
✓ Unconsolida	led Formatio	סר	Bedr	ork			Required Mel			- (-		_			
Total Well Depth (_	dsurface (ft.)				24	Conduct Screene (Benton	d & Po	ured		nductor Pipe ner (Explain)	•	ed .		
Lower Drillhole Di	ameter (in.)	3.5	Casing	Depth (<u>N</u> A	Sealing Materials Neat Cement Grout Clay-Sand Sturry (11 lb./gal. wt.						*		
Was well annular	space grou	ted?	Yes	□N	- 	Unknowr	For Monitoria		s and	Monitoring		ntonite (oles On	•		
If yes, to what dep	pth (feet)?	De	pth to Wa	ter (feet	t)		Bentonit Granular	e Chips	i	Ē	Bentonite -	Cemer	at Grout		
5. Material Used	d To Fill We	ell / Drillhole					From (ft.)	To (1	ft.)		s, Sacks Se me (circle c		Mix Ratio or Mud Weight		
					cre		Surface	φ.5					· · · · · · · · · · · · · · · · · · ·		
			HIPPED	BEN	TONI	(E-	φ.5	3.5							
6. Comments								1		1			·		
7. Supervision			······································					T			DNR Us	e Onl	у		
Name of Person						Date of A	pandonment		Date	≺e ceived	Noted	<u>`</u>	· · · · · · · · · · · · · · · · · · ·		
Street or Route	ENVIR	MENTA	<u> </u>			12/									
Oneet of Route	<u> </u>				Ĭ	t elephón ()	one Number Comments					•.			
City			Stat	e Zi	P Code	·	Signature of		n Doir	ng Work		Da	te Signed		

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

age 1 of

Route to:								
Drinking Water Watershed/Wastewater Waste Management	Remediation/Redevelopment Other:							
1. General Information	2. Facility / Owner Information							
WI Unique Well No. DNR Well ID No. County MILWAUKEE	Facility Name NATURAL CLEANERS							
Common Well-Name GP-9 Gov't Lot # (if applicable)	Facility ID License/Permit/Monitoring NoCity, Village or Town BATSIDE							
SW SE Section Township Range X	N 8858 N. PORT MEDHING ION CO.							
Grid Location Feet NFeet E Local Grid Origin S W (estimated) OR Well Local	Present Well Owner Original Well Owner tion Street Address or Route of Owner							
Reason For Abandonment WI Unique Well No. of Replacement	City State ZIP Code							
Reason For Abandonment WI Unique Well No. of Replacement Soil Boling Policy								
3. Well / Drillhole / Borehole Information	Pump and piping removed?							
Monitoring Well Water Well Original Construction Date 12/20/07	Liner(s) removed? Yes No X N/A Screen removed? Yes No X N/A Casing left in place? Yes No X N/A							
Borehole / Drillhole If a Well Construction Report is available, please attach.								
Construction Type: Drilled Driven (Sandpoint) Dug Other (specify): Formation Type:	Was casing cut off below surface? Did sealing material rise to surface? Did material settle after 24 hours? If yes, was hole retopped? If bentonite chips were used, were they hydrated with water from a known safe source? Yes No N/A Yes No N/A							
X Unconsolidated Formation Bedrock	Required Method of Placing Sealing Material Conductor Pipe-Gravity Conductor Pipe-Pumped							
Total wet Depth From Groundsurface (ft.) Casing Diameter (in.)	Conductor Pipe-Gravity Conductor Pipe-Pumped Screened & Poured Other (Explain): (Bentonite Chips)							
Lower Drillhole Diameter (in.) 2 Casing Depth (ft.) NA	Sealing Materials Clay-Sand Sturry (11 lb./gal. wt. Clay-Sand Sturry (11 lb./gal. wt. Clay-Sand Sturry " "							
Was well annular space grouted?	own Concrete Bentonite Chips For Monitoring Wells and Monitoring Well Boreholes Only:							
If yes, to what depth (feet)? Depth to Water (feet)								
5. Material Used To Fill Well / Drillhole	From (ft.) To (ft.) No. Yards, Sacks Sealant Mix Ratio or or Volume (circle one) Mud Weight							
CONCETE	Surface $\phi.5$							
CHIPPED BENTONITE	φ.5 3							
6. Comments								
7. Supervision of Work	DNR Use Only							
1	of Abandonment Date Received Noted By							
	2/26/67 hone Number Comments							
(()							
City State ZIP Code	Signature of Person Doing Work Date Signed							

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

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Drinking Water Watersho	ed/Wastewa	ter \	Naste Ma	nagement	x Remedia	ation/Redev	velopment	Other:					
1. General Information					2. Facility	/ Owner I	Information	1					
WI Unique Well No. DNR We	ell ID No. Co		waukee		Facility Nam	e Former	Natural C	leaners					
Common Boring Name GP-14	Go	ov't Lot#(if applica	ble)	Facility ID	L	icense/Perm	nit/Monitoring No	City, Village or Town Bayside				
1/4 / 1/4 1/4 Sect SW SE	ion To	wnship 8	Range N 2	x E	Street Addre 8828 Nor		g Washingtor	ı Road					
Grid Location Feet NFeet	7- 110	cal Grid O	· I		Present Well	Owner		Original Well	Owner				
	╛╸╟═	stimated)	_	Well Location	Street Addre	ss or Rout	te of Owner						
Latitude: DEG MIN SEC	N			SEC W	City			State					
Reason For Abandonment Soil Boring Only	WI Uniq	ue Well N	o. of Rep	lacement We	4. Pump, L	iner, Scr	een, Casin	g & Sealing M	aterial				
3. Well / Drillhole / Borehole	nformatio	n			Pump and	d piping ren	noved?		☐ Yes ☐ No ☐ N/A				
	Original Con	struction	Date		Liner(s) re	emoved?			Yes No No N/A				
Monitoring Well			Screen re	moved?			Yes No No N/A						
Water Well	If a Well Cons	struction Re	port is avail	able,	Casing lef	ft in place?			Yes No X N/A				
Borehole / Drillhole	please attach	-			Was casing cut off below surface?								
Construction Type:					Did sealing material rise to surface?								
Drilled Driven (S	Sandpoint)		Dug		Did mater	ial settle af	ter 24 hours	?	☐ Yes ☐ No ☐ N/A				
X Other (specify): Geoprob		If yes,	was hole r	retopped?		Yes No No N/A							
Formation Type:							re used, wer from a knowr	e they n safe source?	X Yes □ No □ N/A				
□ Unconsolidated Formation		Bedrock			. —	ethod of Pla ctor Pipe-G	acing Sealing	g Material onductor Pipe-P					
Total Well Depth From Groundsur	face (ft.) C	asing Dia	meter (in	.) _{NA}	Screened & Poured (Bentonite Chips) Other (Explain):								
Lower Drillhole Diameter (in)		asing Dep	oth (ft.)	NA		ement Grou			Sand Slurry (11 lb./gal. wt.)				
Was well annular space grouted?		res] _{No} [Unknown	Concre	te	ncrete) Grou	· =	onite Chips				
If yes, to what depth (feet)?	Denth	to Water (feet)		× Bentonit	•	ווט ואוטווונטוווין	Bentonite - Ce	•				
ii yes, to what deput (leet):	Верит	io water (iccij			r Bentonite		Bentonite - Sa					
5. Material Used To Fill Well / D	rillhole				From (ft.)	To (ft.)		s, Sacks Seala ume (circle one					
	Chipped	d bentor	ite		Surface	12.0							
6. Comments													
7. Supervision of Work								DNR Use (Only				
Name of Person or Firm Doing Se	aling Work			Date of Aba		Date	Received	Noted By					
PROBE Technologies Street or Route				09/25/2 Telephone N									
)								
City Palmyra		State WI	ZIP Cod	e	Signature of	Person Do	ing Work		Date Signed				

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

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Drinking Water Watersh	ed/Wastewa	ater 🔲	Waste Ma	anagement	× Remedia	ation/Red	develo	pment [Other:			
1. General Information					2. Facility	/ Owne	er Info	rmation				
WI Unique Well No. DNR W	ell ID No. C		waukee		Facility Nam	e Forme	er Nat	tural Cle	eaners			
Common Boring Name	G	ov't Lot#	(if applica	ible)	Facility ID		Licer	nse/Permit/	/Monitoring Nd	City, Villa Baysio	-	
1/4 / 1/4 SE Sec	tion To	ownship 8	Range N 2	x E				hington 1	Road			
Grid Location Feet NFeet F	JE Dro	ocal Grid C	•	<u> </u>	Present Well	l Owner			Original Well (Owner		
s	∃w (e	estimated)	OR	Well Location	Street Addre	ss or Ro	oute of	f Owner				
Latitude: DEG MIN SE	N			SEC W	City				State	ZIP (Code	
Reason For Abandonment Soil Boring Only	WI Unic	A lleW eur	lo. of Rep	lacement We	4. Pump, L	₋iner, So	creen	, Casing a	& Sealing Ma	terial		
3. Well / Drillhole / Borehole	Information	on			Pump and	d piping r	remove	ed?	Ĺ	Yes	∐ No X N/A	
	Original Co	nstruction	Date		Liner(s) re	emoved?)		Ĺ	Yes	No X N/A	
Monitoring Well		Screen re	moved?			Ĺ	Yes	No X N/A				
Water Well	If a Well Con	nstruction Re	port is avail	lable,	Casing lef	ft in place	e?		L	Yes	□ No [×] N/A	
Borehole / Drillhole	please attacl	h.			Was casing cut off below surface?							
Construction Type:					Did sealing material rise to surface?							
Drilled Driven (Did mater	ial settle	after 2	24 hours?		Yes	× No N/A				
X Other (specify): Geopro		1 '	was hol		•		Yes	□ No □ N/A				
Formation Type:								sed, were to a known s	they safe source?	× Yes	□ No □ N/A	
× Unconsolidated Formation		Bedrock			Required Me	ethod of lottor Pipe-			Material Iductor Pipe-Pu	mped		
Total Well Depth From Groundsu	rface (ft.) 0	Casing Dia	ameter (in	.) _{NA}	(Bentor	ed & Pou		Oth	er (Explain):			
Lower Drillhole Diameter (in.)	2.0	Casing De	pth (ft.)	NA	Sealing Materials Neat Cement Grout Sand-Cement (Concrete) Grout Clay-Sand Slurry (11 lb./gal. wi							
Was well annular space grouted?		Yes []No [Unknown	Concre	ete		ŕ	=	ite Chips	•	
If yes, to what depth (feet)?	Depth	to Water	(feet)		× Bentonit	-	o arra re		Bentonite - Cer	-	out	
yee, to muct depart (leesly)	Z Span		(r Bentoni	ite	=	Bentonite - Sar			
5. Material Used To Fill Well / D	Prillhole				From (ft.)	To (ft	t.)		Sacks Sealan ne (circle one)		Mix Ratio or Mud Weight	
	Chippe	ed bento	nite		Surface	12.0						
6. Comments												
o. Comments												
7. Supervision of Work									DNR Use O	nly		
Name of Person or Firm Doing Se	ealing Work			Date of Aba		Da	ate Re	ceived	Noted By			
PROBE Technologies					25/2013							
Street or Route				Telephone N	ne Number Comments							
City Palmyra		State _{WI}	ZIP Cod	le	Signature of	Person I	Doing	Work		Date Sig	ned	

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

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Route to: Drinking Water Wat	ershed/Wastev	vater	Waste Ma	anagement	× Remedia	ation/Red	evelopment	Other	r:			
1. General Information					2. Facility	/ Owner	r Informatio	n				
WI Unique Well No. DNI	R Well ID No.	,	.waukee		Facility Name		r Natural	Cleaners				
Common Boring Name		Gov't Lot#	(if applica	ble)	Facility ID		License/Per	mit/Monito	·	y, Villa aysid	-	own
1/4 / 1/4 SW SE	Section 5	Township 8	Range N 2	x E	8828 Nor	th Port	ing Washingto		•			
Grid Location Feet NFeet		ocal Grid C) Prigin		Present Well	l Owner		Origina	al Well Ov	vner		
		estimated)	· —	Well Location	Street Addre	ss or Ro	ute of Owner					
Latitude: DEG MIN	SEC N		DEG MIN	W	_				State	ZIP C	ode	
Reason For Abandonment Soil Boring Only	WI Un	ique Well N	lo. of Rep	lacement We	4. Pump, L	iner, Sc	reen, Casir	ng & Seali	ing Mate	rial		
3. Well / Drillhole / Boreh	ole Informati	ion			Pump and	d piping re	emoved?			Yes	=	× N/A
		onstruction	Date		Liner(s) re	emoved?				Yes	='``	× N/A
Monitoring Well			Screen re	moved?			<u> </u>	Yes		× N/A		
Water Well		onstruction Re	port is avail	able,	Casing lef	ft in place	?			Yes	∐ No	× N/A
Borehole / Drillhole	please atta	ch.			Was casir	ng cut off	below surfac	e?		Yes	No	× N/A
Construction Type:			_		Did sealin	g materia	al rise to surfa	ice?	х	Yes	∐ No	∐ N/A
Drilled Driv		Did mater	ial settle	after 24 hour	s?	<u> </u>	Yes	× No	∐ N/A			
X Other (specify): Geo		1 .		e retopped?	ua thai		Yes	No	N/A			
Formation Type:							vere used, we r from a knov		ırce?	Yes	□No	□ N/A
Unconsolidated Formation	on [Bedrock	(ethod of F	Placing Sealin	ng Material Conductor F				
Total Well Depth From Groun		Casing Dia	ameter (in	.) _{NA}	Screened & Poured (Bentonite Chips)							
Lower Drillhole Diameter (in.)	2.0	Casing De	pth (ft.)	NA	Sealing Materials Neat Cement Grout Sand Coment (Concrete) Grout Bentonite-Sand Slurry " "							-
Was well annular space grout	ed?	Yes []No [Unknown	Concre	te	Concrete) Gro		Bentonite	e Chips		
If yes, to what depth (feet)?	Dent	h to Water	(feet)		× Bentonit	-	and Monitori	-	ite - Ceme	-	ut	
ii yes, to what depth (leet):	Бері	ii to water	(icct)			r Bentonit	.e	=	ite - Sand		ut	
5. Material Used To Fill We	II / Drillhole				From (ft.)	To (ft.	No. Yaı	ds, Sacks lume (circ	Sealant	M	lix Ratio	
	Aspha	alt Patch			Surface	0.5		•	,			<u> </u>
	Chipp	ed bento	nite		0.5	12.0						
6. Comments												
7. Supervision of Work								DNR	Use Onl	ly		
Name of Person or Firm Doing	g Sealing Worl	k		Date of Aba		Da	te Received	No	ted By			
Horizon Drilling Street or Doute					2017							
.					hone Number Comments							
764 Tower Drive City		State	ZIP Cod	<u>J()</u> e	Signature of	Person F	oing Work		Πa	ite Sigr	ned	
Fredonia		WI	5302		Adam 9		only Work		ا	ite olgi	iou	

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

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Drinking Water Watersh	ned/Wastewa	ater	Waste Ma	ınagement	x Remedia	ation/Red	development	Other:				
1. General Information					2. Facility / Owner Information							
WI Unique Well No. DNR W	ell ID No. C		waukee		Facility Name	e Forme	r Natural C	leaners				
Common Boring Name GP-21	G	ov't Lot#	(if applica	ble)	Facility ID		License/Perm	it/Monitoring No	City, Village or Bayside	Town		
74 / 1/4 SW SE Sec	tion To	ownship 8	Range N 2	x E	Street Addre 8828 Nor		ring t Washington	Road				
Grid Location	<u> </u>		- 1		Present Well	Owner		Original Well	Owner			
Feet NFeet S	╛╘╠═	ocal Grid O stimated)	· —	Well Location	Street Addre	ss or Ro	oute of Owner					
Latitude: DEG MIN SE	N			SEC W	City			State				
Reason For Abandonment Soil Boring Only	WI Uniq	ue Well N	o. of Rep	lacement We	4. Pump, L	iner, S	creen, Casino	& Sealing M	aterial			
3. Well / Drillhole / Borehole	Information	n			Pump and	d piping r	emoved?		Yes No			
Manifering W/all	Date		Liner(s) re	emoved?			Yes No	- 				
Monitoring Well Water Well			Screen re				Yes No					
Borehole / Drillhole	If a Well Con		port is avail	able,	Casing lef	ft in place	e? 		Yes No			
	please attach	n. 			Was casing cut off below surface?							
Construction Type:		_	=		Did sealing material rise to surface?							
Drilled Driven (Dug				after 24 hours?)	Yes X No	o ∐ N/A				
Other (specify): Geopro			e retopped? vere used, were	a they	∐Yes ∐ No	o L N/A						
Formation Type:							er from a knowr		× Yes No	o 🗌 N/A		
× Unconsolidated Formation		Bedrock				ethod of ctor Pipe	Placing Sealing -Gravity	Material onductor Pipe-P	umped			
Total Well Depth From Groundsu	rface (ft.) C	Casing Dia	ımeter (in	.) _{NA}		nite Chips		ther (Explain):_				
Lower Drillhole Diameter (in.)	2.0	Casing De	pth (ft.)	NA	=	ement G		Пп	Sand Slurry (11 I	-		
Was well annular space grouted?		Yes []No [Unknown	Concre	te	Concrete) Grout	=	nite Chips			
If yes, to what depth (feet)?	Depth	to Water ((feet)		× Bentonit	•		Bentonite - Ce	•			
, ,	1		()			r Bentoni	ite -	Bentonite - Sa				
5. Material Used To Fill Well / [Drillhole				From (ft.)	To (ft		s, Sacks Seala me (circle one				
	Asphal	t Patch			Surface	0.5		(
	Chippe	ed bentor	nite		0.5	12.0						
6. Comments												
7. Supervision of Work								DNR Use (Only			
Name of Person or Firm Doing Se	ealing Work			Date of Aba		Da	ate Received	Noted By				
Horizon Drilling Street or Route					/15/2017 none Number Comments							
764 Tower Drive					none Number Comments							
City		State	ZIP Cod	<u>г / / </u> е	Signature of	Person I	Doing Work		Date Signed			
Fredonia	21	Adam Sweet										

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

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Drinking Water Watersh	ned/Wastewa	ater	Waste Ma	nagement	× Remedia	ation/Red	levelopment [Other:				
1. General Information					2. Facility / Owner Information							
WI Unique Well No. DNR W	ell ID No. C		waukee		Facility Nam	e Forme	r Natural Cle	eaners				
Common Boring Name GP-22	G	ov't Lot#	(if applica	ble)	Facility ID		License/Permit	/Monitoring No	City, Village or Town Bayside	n		
74 / 1/4	tion To	ownship 8	Range N 2	x E	Street Addre 8828 Nor		ing Washington	Road				
Grid Location					Present Well	Owner		Original Well	Owner			
Feet NFeet S	╛╘╠═	ocal Grid C stimated)	· —	Well Location	Street Addre	ss or Ro	oute of Owner					
Latitude: DEG MIN SE	N			SEC W	City			State	ZIP Code			
Reason For Abandonment Soil Boring Only	WI Uniq	ue Well N	o. of Rep	lacement We	4. Pump, L	iner, Sc	creen, Casing	& Sealing Ma	aterial	7		
3. Well / Drillhole / Borehole	Informatio	n			Pump and	d piping r	emoved?		Yes No X			
Manifering W/all	Date		Liner(s) re	emoved?				N/A				
Monitoring Well Water Well			Screen re				∐ Yes ∐ No 🛎	i '''' `				
Borehole / Drillhole	If a Well Con		port is avail	able,	Casing lef	ft in place	?		Yes No x			
	please attach	1.			Was casir	ng cut off	below surface?		Yes No X	N/A		
Construction Type:			=		Did sealing material rise to surface?							
Drilled Driven (after 24 hours?		∐Yes ≝No ⊑	N/A					
Other (specify): Geopro	-		e retopped? vere used, were	thev.	∐Yes ∐No L	N/A						
Formation Type:							er from a known		× Yes No	N/A		
× Unconsolidated Formation		Bedrock				ethod of I ctor Pipe-	Placing Sealing I Gravity Cor	Material nductor Pipe-Pเ	umped			
Total Well Depth From Groundsu	rface (ft.) C	Casing Dia	ımeter (in.	.) _{NA}	X Screened & Poured (Bentonite Chips) Other (Explain):							
Lower Drillhole Diameter (in.)	2.0	Casing De	pth (ft.)	NA	Sealing Materials Neat Cement Grout Sand-Cement (Concrete) Grout Clay-Sand Slurry (11 lb./gal. w							
Was well annular space grouted?		Yes [] _{No} □	Unknown	Concre	te	and Monitoring	Bento	nite Chips			
If yes, to what depth (feet)?	Depth	to Water	(feet)		× Bentonit	•	and Worldoning	Bentonite - Ce	•			
, ,			()			r Bentoni	te \Box	Bentonite - Sa				
5. Material Used To Fill Well / [Drillhole				From (ft.)	To (ft		, Sacks Seala ne (circle one)				
	Asphal	t Patch			Surface	0.5			,			
	Chippe	d bento	nite		0.5	12.0						
6. Comments												
7. Supervision of Work								DNR Use C	Only			
Name of Person or Firm Doing So	ealing Work			Date of Aba		Da	te Received	Noted By				
Horizon Drilling Street or Route					hone Number Comments							
764 Tower Drive					none Number Comments							
City		State	ZIP Code	<u>ı\ </u>	Signature of	Person [Doing Work		Date Signed			
Fredonia	21	Signature of Person Doing Work Adam Sweet Date Signed										

Well / Drillhole / Borehole Abandonment

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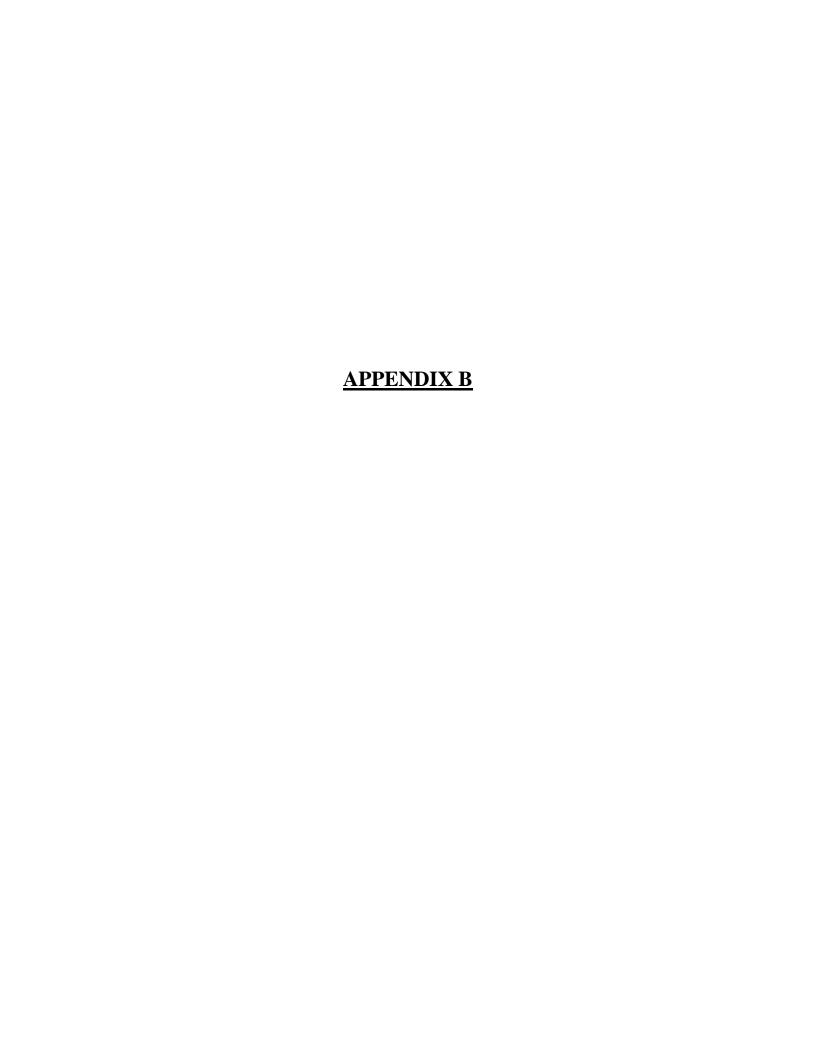
Drinking Water Watersh	ned/Wastew	ater	Waste Ma	anagement	^X Remedia	ation/Re	develo	pment [Other:				
1. General Information					2. Facility	/ Owne	er Info	ormation					
WI Unique Well No. DNR W	ell ID No. C				Facility Nam	e	ow No	tural Cle	anana				
			waukee			FOLUE							
Common Boring Name GP-23		Gov't Lot #	·	,	Facility ID		Lice	nse/Permit	/Monitoring No	City, Vi Bays:	-		
1/4 1 1/4 Sec tion T	ownship 8	Range N 2	x E				hington 1	Road					
Grid Location			ı		Present Well	Owner			Original Well	Owner			
Feet NFeet	╛╘╠═	ocal Grid C	· —		Street Addre	00 or D	outo o	f Owner					
		estimated)	OR	Well Location	Street Addre	55 UI K	oute o	Owner					
Latitude: DEG MIN SE	N			SEC W	City				State		Code		
Reason For Abandonment Soil Boring Only	WI Uni	que Well N	lo. of Rep	lacement We	4. Pump, L	iner, S	creer	, Casing	& Sealing Ma	terial			
3. Well / Drillhole / Borehole	Informati	on			Pump and	d piping i	remov	ed?	Į	Yes			
	Original Co	nstruction	Date		Liner(s) re	emoved?	?		ļ	Yes			
Monitoring Well		Screen re	moved?			Ĺ	Yes						
Water Well	If a Well Co	nstruction Re	port is avail	lable,	Casing lef	ft in plac	e?		L	Yes	No X N/A		
Borehole / Drillhole	please attac	ch.			Was casing cut off below surface?								
Construction Type:					Did sealing material rise to surface?								
Drilled Driven (Sandpoint)		Dug		Did mater	ial settle	after	24 hours?		Yes	s ∐ No ∐ N/A		
X Other (specify): Geopro		1	was ho		• •	<u></u>	Yes	s ∐ No ∐ N/A					
Formation Type:								ised, were n a known s	tney safe source?	× Yes	s No No N/A		
Unconsolidated Formation		Bedrock			Required Me	ethod of ctor Pipe			Material iductor Pipe-Pu	mped			
Total Well Depth From Groundsu	rface (ft.)	Casing Dia	ameter (in	.) _{NA}		ed & Ponite Chip		Oth	er (Explain):				
Lower Drillhole Diameter (in)		Casing De	pth (ft.)		Sealing Mate				□ clay s	and Clu	urry (11 lb./gal. wt.)		
	2.0	,	. , ,]	NA		ement G					nd Slurry" "		
				_	=	,	Concre	ete) Grout	Benton		•		
Was well annular space grouted?		Yes L	」No L	Unknown	Concre		s and I	Monitorina V	Well Boreholes		,		
If yes, to what depth (feet)?	Depth	n to Water	(feet)		× Bentonit	-	o ana i		Bentonite - Cer	-	rout		
, ,			()		Granula		iite	=	Bentonite - Sar				
5. Material Used To Fill Well / [Drillhole				From (ft.)	To (f	t.)		Sacks Sealar ne (circle one)		Mix Ratio or Mud Weight		
	Aspha	lt Patch			Surface	0.5			(======================================				
	Chipp	ed bento	nite		0.5	12.0							
6. Comments													
7. Supervision of Work									DNR Use O	nly			
Name of Person or Firm Doing Se	ealing Work			Date of Aba		Da	ate Re	ceived	Noted By				
Horizon Drilling					15/2017								
Street or Route 764 Tower Drive	Telephone N	ne Number Comments											
City		State	ZIP Cod	<u>J()</u> le	Signature of	Person	Doina	Work		Date Si	gned		
Fredonia		WI	5302		Adam S		9			3.	O = -		

Well / Drillhole / Borehole Abandonment

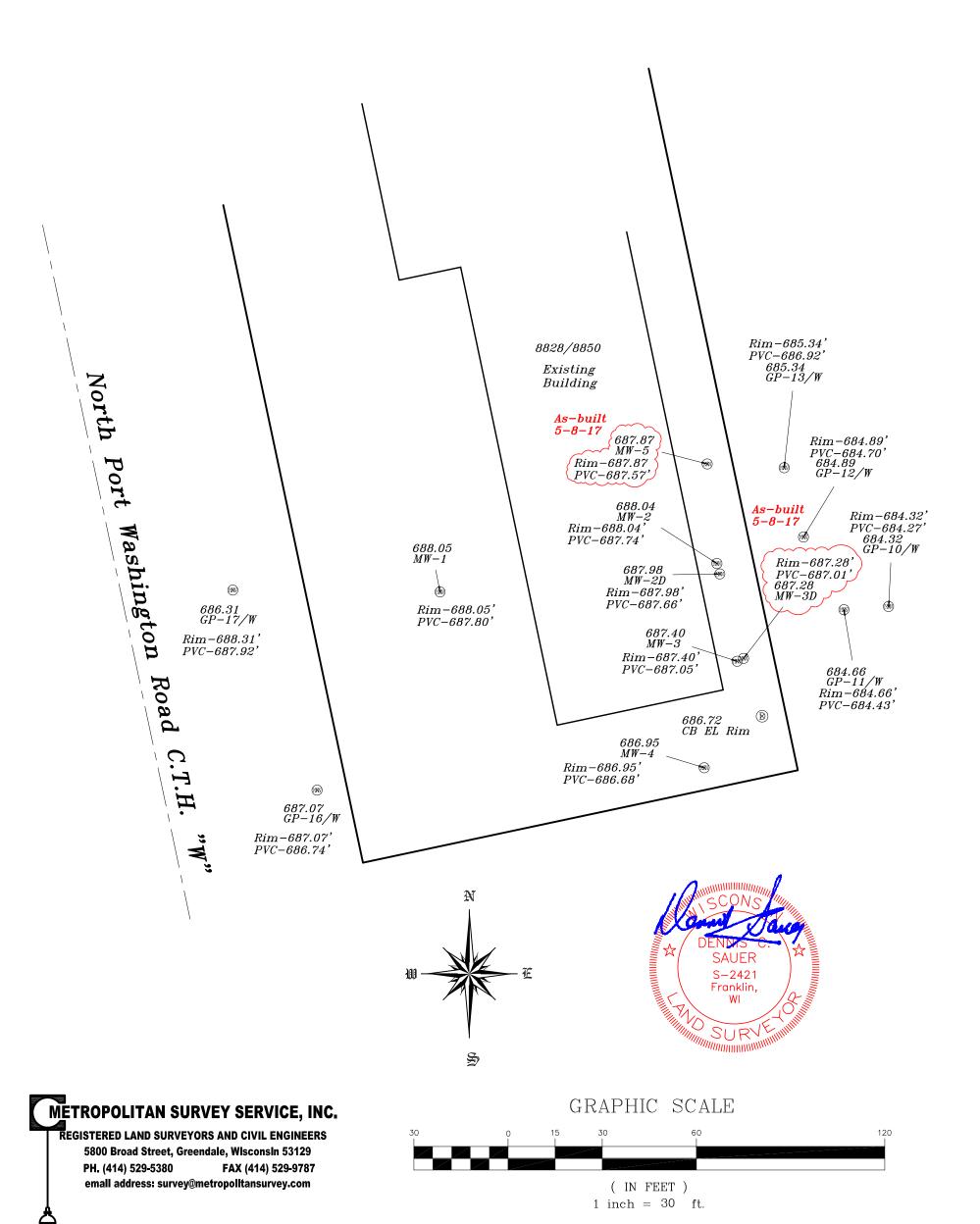
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Route to: Drinking Water	Watersh	ed/Waste	water -	ໄ _{Waste Ma}	anagement	X Remedia	ation/Rede	velopment	Other						
1. General Informati								<u> </u>							
WI Unique Well No.		ell ID No.	County			Facility Nam		Information							
	_ DIVIX VV	CII ID 140.		llwaukee		a domity ream		Natural C	leaners						
Common Boring Name	GP-24		Gov't Lot #	# (if applica	ible)	Facility ID		License/Perm	nit/Monitor		y, Village ayside	or Town			
1/4 / 1/4	Sec	tion	Township	Range) x	Street Addre									
SW SE		5	8	N 2	²²			Washington							
Grid Locati		——	l a a a l O wiel	Oninin		Present Well	l Owner		Origina	l Well Ov	ner				
Feet NFee	t [╛╸╠═	Local Grid	· —		Street Addre	es or Rou	te of Owner							
Latitude:	L		(estimated ongitude:) OR	Well Location	n	00 01 1100	ito or o mior							
DEG DEG	MIN SE	ا ا	.origitude.	DEG MIN	1	City				State	ZIP Cod	je			
Reason For Abandonm	ont .	N	nique Well	No. of Pon	lacement W										
Soil Boring Only		VVI OI	iique vveii	No. or Rep	nacement w	4. Pump, L	iner, Scr	een, Casino	y & Seali	ng Mate	rial				
3. Well / Drillhole / E	Borehole	Informat	ion			Pump and	d piping rer	moved?			Yes _	No ∑ N/A			
			onstructio	n Date		Liner(s) re	emoved?				Yes _	No X N/A			
Monitoring Well		03	/15/2017			Screen re	moved?				Yes _	No LX N/A			
Water Well		If a Well C	onstruction F	Report is avai	lable,	Casing let	ft in place?)			Yes _	No X N/A			
Borehole / Drillhole	9	please att	ach.			Was casir	ng cut off b	elow surface	?		Yes	No ∑ N/A			
Construction Type:						Did sealin	Did sealing material rise to surface?								
Drilled		Did mater	ial settle a	fter 24 hours'	?		Yes x	No NA							
X Other (specify): _		1		retopped?	a thau		Yes _	No N/A							
Formation Type:								ere used, wer from a knowr		rce?	Yes [No □ N/A			
				-1.		Required Me	ethod of Pl	acing S <u>eal</u> ing	Material						
× Unconsolidated Fo	ormation		Bedroo	CK		I = I	ctor Pipe-G	· =	onductor F	Pipe-Pump	oed				
Total Well Depth From		rface (ft.)	Casing D	iameter (in	.) _{NA}	X Screened & Poured (Bentonite Chips) Other (Explain):									
Lower Drillhole Diamete	er (in.)	2.0	Casing D	epth (ft.)	NA	Neat C	(11 lb./gal. wt.)								
								oncrete) Grout	. \square	Bentonite	-Sand SI	urry " "			
Was well annular space	arouted?	Г] _{Yes} [\square_{No} [Unknown					Bentonite	Chips				
was well allifulat space	grouteu:		163 [OTIKITOWIT	_		nd Monitori <u>n</u>	g Well Bor	eholes O	nly:				
If yes, to what depth (fe	et)?	Dep	th to Wate	r (feet)		X Bentonit	e Chips		Bentoni	te - Ceme	nt Grout				
						Granula	r Bentonite	<u> </u>	Bentoni	te - Sand	Slurry				
5. Material Used To F	ill Well / C	Prillhole				From (ft.)	To (ft.)		s, Sacks ıme (circl			Ratio or d Weight			
		Asph	alt Patc	h		Surface	0.5								
		Chip	ped bent	onite		0.5	12.0								
6. Comments															
7. Supervision of W	ork								DNR	Use Onl	v				
Name of Person or Firm		ealing Wo	k		Date of Ab	andonment	Date	Received		ed By					
Horizon Drilling					03/15/	2017									
Street or Route					Telephone	ne Number Comments									
764 Tower Drive			State	ZIP Cod	<u>](</u>)	Signature of	Parson Da	ning Work		lDa	te Signed	d			
Fredonia			WI	530		Adam S		JIIIY VVUIK		Da	e signe				



MONITORING WELL EXHIBIT



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