K P R G

ENVIRONMENTAL CONSULTATION & REMEDIATION

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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KPRG Project No. 18806.2

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TABLE OF CONTENTS

TABLES

FIGURES

APPENDICES

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.
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Responsible Party
The responsible party is:

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Former Bayside Natural Cleaners
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Environmental Consultant
The environmental consulting contact for this project is:

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Brookfield, Wisconsin 53005
Contact: Mr. Patrick Allenstein, P.G.
Phone No: 262-781-0475

1.3 Background Information

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 Monitoring Well Installation

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 Groundwater Sampling

Upon completion of boring GP-10, a 0.75-inch PVC well was installed consisting of 10 feet of 0.010-inch factory slot screen and 5 feet of riser. A sand pack was placed around the screen to a depth of 4 feet bgs above which bentonite chips were placed and hydrated. A flush mount cover was placed over the top of the well and secured with concrete. Once sufficient water entered the well, a micro-bailer was used to purge and sample the well using the above procedures as appropriate. The sample was placed directly into laboratory prepared containers, preserved with hydrochloric acid and placed on ice. The groundwater sample was 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 Sub-Slab Depressurization System Installation

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. 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 Indoor Air Sampling

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 Sub-Slab Vapor Probe Installations/Sampling

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. Geologic cross-sections illustrating the stratigraphy are provided on Figure 4. The boring logs are provided in Appendix A.

6.2 Hydrogeology

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 off-site 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 x 10^{-6} cm/sec (or 0.004 ft/day) at MW-3 to 3.26 x 10^{-6} 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.

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. 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 Indoor Ambient Air Sample Data

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 Direct Contact/Ingestion

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 Surface Water Pathway

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 — Principal — 1/28/20
Richard R. Gnat — Principal — Date

11.0 REFERENCES

1) Gonthier, J.B., 1975. Ground Water Resources of Waukesha County, Wisconsin. Wisconsin Geological and Natural History Survey, Information Circ. 29.

2) Wisconsin Department of Natural Resources, 2002. Determining Residual Contaminant Levels Using EPA Soil Screening Level Web Site. PUB-RR-682.

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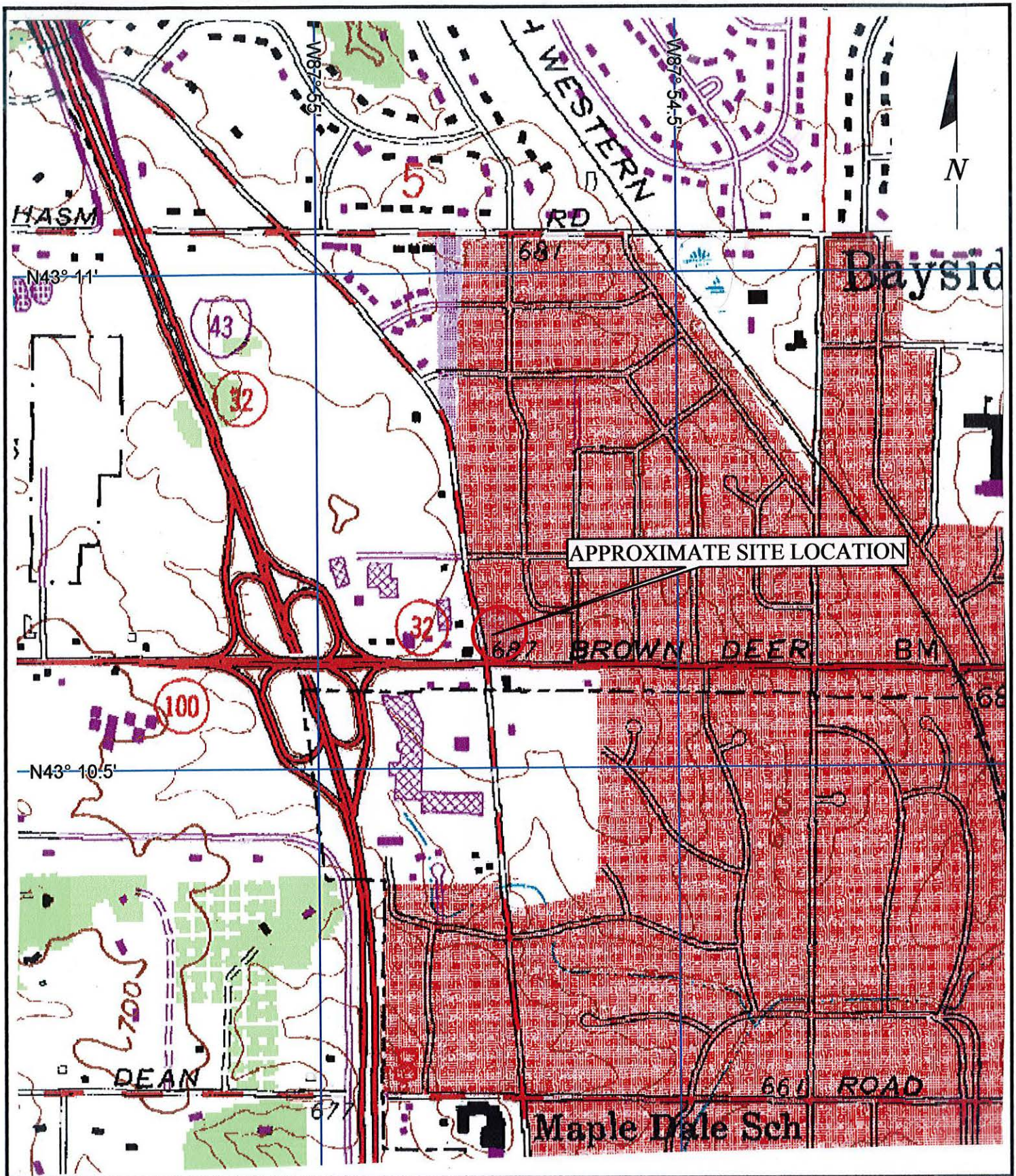
4) Bouwer, H., and Rice, R.C., 1976. A Slug Test for Determining Conductivity of Unconfined Aquifers with Completely of Partially Penetration Wells. Water Resources Research, Vol. 12, No. 3.

5) AQTESOLV for Windows. Hydro-SOLVE, Inc., 2000.

6) KPRG and Associates, Inc., December 5, 2006. Site Scoping Study – Natural Cleaners, Bayside, Wisconsin.

7) KPRG and Associates, Inc., Status Report and Additional Work Budget Approval Request, November 9, 2012

FIGURES



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1056 Killarney Drive Dyer, Indiana 46311 Telephone 219-865-6848 Facsimile 219-865-8587

BAYSIDE NATURAL CLEANERS

GENERAL SITE LOCATION MAP

Scale: 1:9,600	Date: December 5, 2006
KPRG Project No. 18806	FIGURE 1

N. Port Washington Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. Iroquois

8870

8869

8855

8845

8837

8850

2

3

4

5

6

7

8

9

10

30'

ALLEY

VACATED ALLEY

SBC LINE

2 STORY BUILDING
WITH BASEMENT

VILLAGE OF BAYSIDE

APPROX. LOCATION
OF HISTORIC ROADSIDE DRAINAGE

HALLWAY

FRONT DOOR

FORMER MACHINE
LOCATION

FORMER NATURAL
CLEANERS

SIDEWALK

SHRUB

GRAVEL
STORAGE
PAD

APPROX. LOCATION
OF STORM SEWER

APPROXIMATE PROPERTY LINE

CSM 8538

GP-1
GP-2
GP-3
GP-4
GP-5
GP-7/V
GP-8/V
GP-9
GP-10/W
GP-11/W
GP-12/W
GP-13/W
GP-14
GP-15
GP-16/W
GP-17/W
GP-18/V
GP-19/V
GP-21
GP-22
GP-23
GP-24
IGP-6

SV-1
SV-2
SV-3
SV-4

IA-1
IA-2
IA-3
IA-4

MW-1
MW-2
MW-3
MW-3D
MW-4
MW-5

GAS
ST

LEGEND

GP-5 GEOPROBE LOCATION
"V" DENOTES VAPOR PROBE
"W" DENOTES A TEMPORARY MONITORING WELL

MW-4 MONITORING WELL LOCATION

IA-1 INDOOR AIR SAMPLE LOCATION

SV-1 SOIL VAPOR PROBE LOCATION

GAS GAS LINE
S SANITARY SEWER
W WATER LINE
ST STORM SEWER

0 30'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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BORINGS LOCATIONS MAP WITH ADDRESSES

FORMER NATURAL CLEANERS
BAYSIDE, WISCONSIN

Scale: 1" = 30' | Date: December 9, 2019

KPRG Project No. 18806.3 | FIGURE 2

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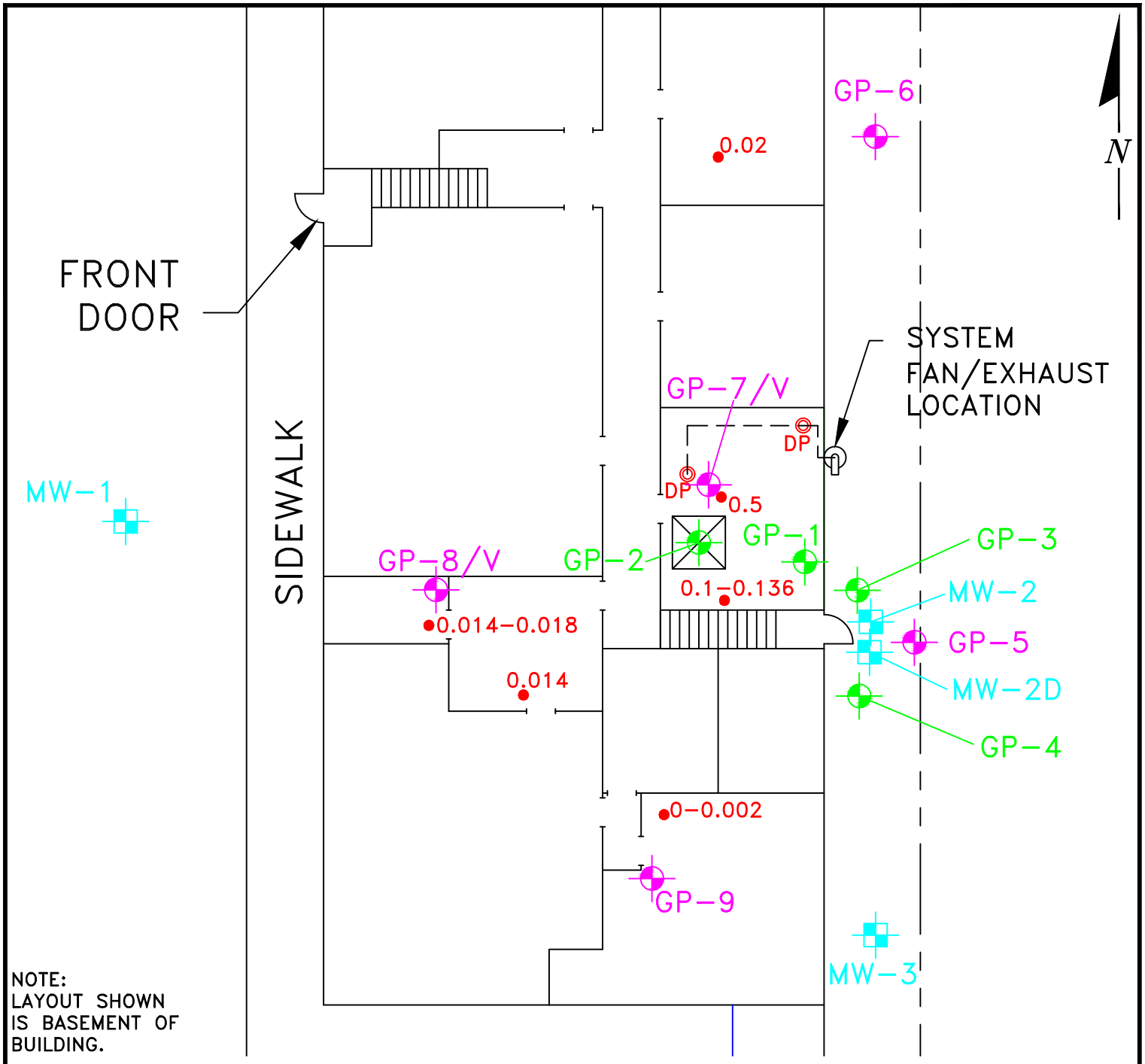

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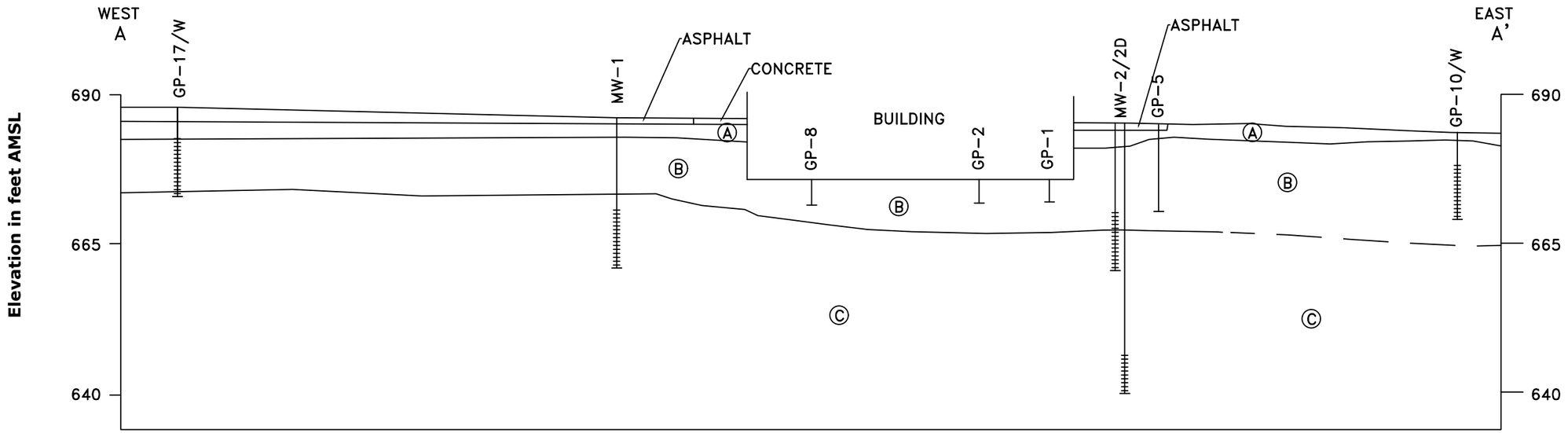
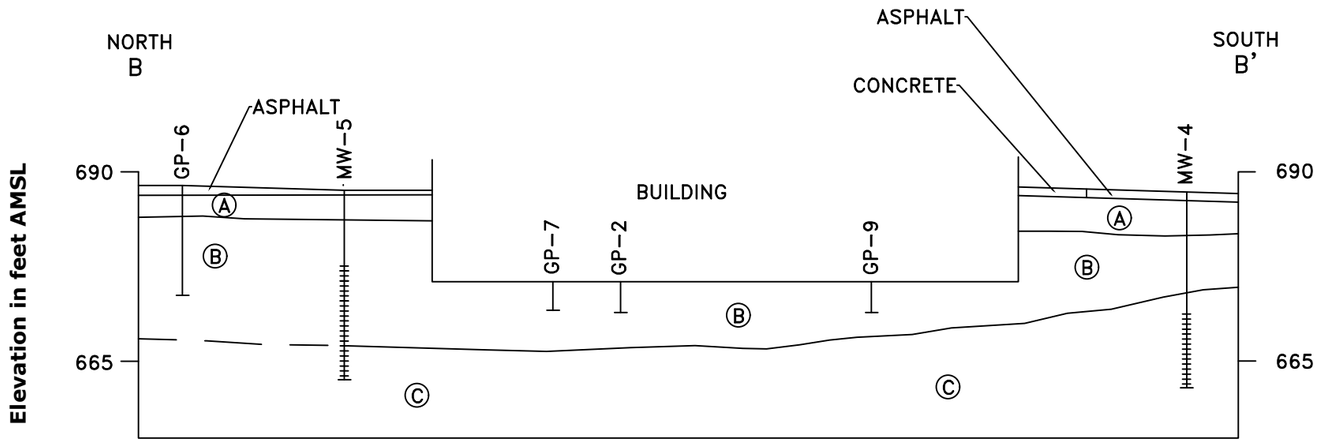
SUBSLAB DEPRESSURIZATION SYSTEM TESTING RESULTS

NATURAL CLEANERS
BAYSIDE, WISCONSIN

Scale: 1" = 15' | Date: July 17, 2012

KPRG Project No. 18806 | FIGURE 3



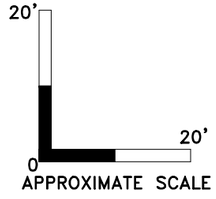


LEGEND

Ⓐ BROWN TO DARK BROWN/BLACK SILTY CLAY. TRACE SAND. SOME RUST STAINING AND MOTTLING.

Ⓑ BROWN CLAY. TRACE SILT. SOME WHITE AND GRAY SILTY/SANDY STRINGERS.

Ⓒ GRAY CLAY. TRACE SILT, SANDY AND/OR GRAVEL. SOME SANDY STRINGERS.



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CROSS-SECTION MAP

FORMER NATURAL CLEANERS
BAYSIDE, WISCONSIN

Scale: 1" = 20' | Date: December 6, 2019

KPRG Project No. 18806.3 | FIGURE 4

N. Port Washington Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. PORT WASHINGTON ROAD

2 STORY BUILDING WITH BASEMENT

SBC LINE

APPROX. LOCATION OF HISTORIC ROADSIDE DRAINAGE

APPROX. LOCATION OF STORM SEWER

APPROXIMATE PROPERTY LINE

VACATED ALLEY

SIDEWALK

HALLWAY

FRONT DOOR

FORMER MACHINE LOCATION

FORMER NATURAL CLEANERS

SHRUB

GRAVEL STORAGE PAD

VILLAGE OF BAYSIDE

CSM 8538

8870 8869 8855 8845 8837 8850

2 3 4 5 6 7 8 9 10

30'

SV-1 SV-2 SV-3 SV-4

IA-1 IA-2 IA-3

GP-1 GP-2 GP-3 GP-4 GP-5 GP-6 GP-7/V GP-8/V GP-9 GP-10/W GP-11/W GP-12/W GP-13/W GP-14 GP-15 GP-16/W GP-17/W GP-18/V GP-19/V GP-21 GP-22 GP-23 GP-24

MW-1 MW-2 MW-3 MW-4 MW-5

680.77 680.20 683.30 685.67 684.89 672.71 678.76 684.89

684 682 680 678 676 674 674 676 678 680 682 684

W W W W W

S S S S S

GAS GAS GAS GAS GAS GAS GAS GAS GAS GAS GAS

ST ST ST ST ST ST ST ST ST ST ST ST

LEGEND

- 123 — GROUNDWATER CONTOUR
- – – – INFERRED GROUNDWATER CONTOUR
- ← GROUNDWATER FLOW DIRECTION
- GP-5 GEOPROBE LOCATION "V" DENOTES VAPOR PROBE "W" DENOTES A TEMPORARY MONITORING WELL
- MW-4 MONITORING WELL LOCATION
- IA-1 INDOOR AIR SAMPLE LOCATION
- SOIL VAPOR PROBE LOCATION
- GAS — GAS LINE — S — SANITARY SEWER
- W — WATER LINE — ST — STORM SEWER

0 30'

APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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GROUNDWATER FLOW MAP MAY 2017

FORMER NATURAL CLEANERS
BAYSIDE, WISCONSIN

Scale: 1" = 30' | Date: December 9, 2019

KPRG Project No. 18806.3 | FIGURE 5

W:\projects\natural cleaners-bayside 18806\18806.3\18806.3_si add 2 maps.dwg

N. Port Washington Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. PORT WASHINGTON ROAD

ALLEY

VACATED ALLEY

8870

8869

8855

8845

8837

8850

2

3

4

5

6

7

8

9

10

30'

N

SBC LINE

2 STORY BUILDING WITH BASEMENT

APPROX. LOCATION OF HISTORIC ROADSIDE DRAINAGE

FRONT DOOR

HALLWAY

FORMER MACHINE LOCATION

FORMER NATURAL CLEANERS

SIDEWALK

SHRUB

GRAVEL STORAGE PAD

APPROX. LOCATION OF STORM SEWER

APPROXIMATE PROPERTY LINE

VILLAGE OF BAYSIDE

CSM 8538

N.

SV-1 SV-2 SV-3 SV-4

IA-1 IA-2 IA-3 IA-4

MW-1 MW-2 MW-3 MW-3D MW-4 MW-5

GP-1 GP-2 GP-3 GP-4 GP-5 GP-6 GP-7/V GP-8/V GP-9 GP-10/W GP-11/W GP-12/W GP-13/W GP-14 GP-15 GP-16/W GP-17/W GP-18/V GP-19/V GP-21 GP-22 GP-23 GP-24

<25 540 170 800 2,400 8,100 635 88.4 149 90.7 138 844

ES

W W W W W

S S S S S

GAS GAS GAS GAS GAS GAS GAS GAS GAS GAS

ST ST ST ST ST ST ST ST ST ST ST

LEGEND

RCL — PERCHLOROETHENE SOIL–TO–GROUNDWATER RESIDUAL CONTAMINANT LEVEL (4.5 ug/L)

INFERRED CONTOUR

GP-5 GEOPROBE LOCATION "V" DENOTES VAPOR PROBE "W" DENOTES A TEMPORARY MONITORING WELL

MW-4 MONITORING WELL LOCATION

IA-1 INDOOR AIR SAMPLE LOCATION

SV-1 SOIL VAPOR PROBE LOCATION

0 30'

APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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SOIL (0–4') PERCHLOROETHENE ISOCONCENTRATION MAP (5/2017)

FORMER NATURAL CLEANERS
BAYSIDE, WISCONSIN

Scale: 1" = 30' | Date: December 9, 2019

KPRG Project No. 18806.3 | FIGURE 6

W:\projects\natural cleaners-bayside 18806\18806.3\18806.3.si add 2 maps.dwg

N. Port Washington Rd.

N. Iroquois Rd.

N

8870

8869

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8845

8837

8850

2

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4

5

6

7

8

9

10

ALLEY

VACATED

30'

N. PORT WASHINGTON ROAD

APPROX. LOCATION OF HISTORIC ROADSIDE DRAINAGE

SBC LINE

2 STORY BUILDING WITH BASEMENT

VILLAGE OF BAYSIDE

HALLWAY

FRONT DOOR

FORMER MACHINE LOCATION

FORMER NATURAL CLEANERS

SIDEWALK

GRAVEL STORAGE PAD

APPROX. LOCATION OF STORM SEWER

APPROXIMATE PROPERTY LINE

CSM 8538

SV-1 SV-2 SV-3 SV-4

IA-1 IA-2 IA-3 IA-4

MW-1 MW-2 MW-3 MW-3D MW-4 MW-5

GP-1 GP-2 GP-3 GP-4 GP-5 GP-6 GP-7/V GP-8/V GP-9 GP-10/W GP-11/W GP-12/W GP-13/W GP-14 GP-15 GP-16/W GP-17/W GP-18/V GP-19/V GP-21 GP-22 GP-23 GP-24

<25 305 39Q 32 180 68 120 226

RCL

W W W W W

S S S S S

GAS GAS GAS GAS GAS GAS GAS GAS GAS GAS GAS

ST ST ST ST ST ST ST ST ST ST ST ST

LEGEND

RCL — TRICHLOROTHENE SOIL-TO-GROUNDWATER RESIDUAL CONTAMINANT LEVEL (3.6 ug/kg)

GP-5 — GEOPROBE LOCATION "V" DENOTES VAPOR PROBE "W" DENOTES A TEMPORARY MONITORING WELL

MW-4 — MONITORING WELL LOCATION

IA-1 — INDOOR AIR SAMPLE LOCATION

SV-1 — SOIL VAPOR PROBE LOCATION

GAS — GAS LINE

S — SANITARY SEWER

W — WATER LINE

ST — STORM SEWER

0 30'

APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG

KPRG and Associates, inc.

14665 West Lisbon Road, Suite 1A Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

SOIL (0-4') TRICHLOROETHENE ISOCONCENTRATION MAP (5/2017)

FORMER NATURAL CLEANERS
BAYSIDE, WISCONSIN

Scale: 1" = 30' | Date: December 9, 2019

KPRG Project No. 18806.3 | FIGURE 7

W:\projects\natural cleaners-bayside 18806\18806.3\18806.3_si add 2 maps.dwg

N. Port Washington Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. PORT WASHINGTON ROAD

ALLEY

VACATED ALLEY

SHOUB

8870

8869

8855

8845

8837

8850

2

3

4

5

6

7

8

9

10

30'

N

SBC LINE

2 STORY BUILDING WITH BASEMENT

APPROX. LOCATION OF HISTORIC ROADSIDE DRAINAGE

FRONT DOOR

HALLWAY

FORMER MACHINE LOCATION

FORMER NATURAL CLEANERS

SIDEWALK

GRAVEL STORAGE PAD

APPROX. LOCATION OF STORM SEWER

APPROXIMATE PROPERTY LINE

VILLAGE OF BAYSIDE

CSM 8538

SV-1 SV-2 SV-3 SV-4

IA-1 IA-2 IA-3 IA-4

MW-1 MW-2 MW-3 MW-3D MW-4

GP-1 290
GP-2 <25
GP-3 <30
GP-4 <29
GP-5 <25
GP-6 <25
GP-7/V 76.1
GP-8/V <25
GP-9 <25
GP-10/W
GP-11/W
GP-12/W
GP-13/W
GP-14 <25
GP-15 <25
GP-16/W
GP-17/W
GP-18/V
GP-19/V
GP-21 159
GP-22 <25
GP-23 <25
GP-24 <25

W W W W W
S S S S S
GAS GAS GAS GAS GAS GAS GAS GAS GAS GAS
ST ST ST ST ST ST ST ST ST ST ST ST

LEGEND

RCL — CIS-1,2-DICHLOROTHENE SOIL-TO-GROUNDWATER RESIDUAL CONTAMINANT LEVEL (41.2 ug/kg)

GP-5 GEOPROBE LOCATION "V" DENOTES VAPOR PROBE "W" DENOTES A TEMPORARY MONITORING WELL

MW-4 MONITORING WELL LOCATION

IA-1 INDOOR AIR SAMPLE LOCATION

SV-1 SOIL VAPOR PROBE LOCATION

GAS — GAS LINE

S — SANITARY SEWER

W — WATER LINE

ST — STORM SEWER

0 30'

APPROXIMATE SCALE

W:\projects\natural cleaners-bayside 18806\18806.3\18806.3_si add 2 maps.dwg

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SOIL (0-4') CIS-1,2-DICHLORETHENE ISOCONCENTRATION MAP (5/2017)

FORMER NATURAL CLEANERS
BAYSIDE, WISCONSIN

Scale: 1" = 30' | Date: December 9, 2019

KPRG Project No. 18806.3 | FIGURE 8

N. Port Washington Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. Iroquois

8870 8869 8855 8845 8837 8850

2 3 4 5 6 7 8 9 10

30'

ALLEY

VACATED ALLEY

N

SBC LINE

2 STORY BUILDING
WITH BASEMENT

VILLAGE OF BAYSIDE

APPROX. LOCATION
OF HISTORIC ROADSIDE DRAINAGE

FRONT DOOR

HALLWAY

FORMER MACHINE
LOCATION

FORMER NATURAL
CLEANERS

SIDEWALK

SHRUB

GRAVEL
STORAGE
PAD

APPROX. LOCATION
OF STORM SEWER

APPROXIMATE PROPERTY LINE

CSM 8538

SV-1 SV-2 SV-3 SV-4

IA-1 IA-2 IA-3 IA-4

GP-1 GP-2 GP-3 GP-4 GP-5 GP-6 GP-7/V GP-8/V GP-9 GP-10/W GP-11/W GP-12/W GP-13/W GP-14 GP-15 GP-16/W GP-17/W GP-18/V GP-19/V GP-21 GP-22 GP-23 GP-24

MW-1 MW-2 MW-3 MW-3D MW-4

4.0
ES
1,080
0.61J
<0.50

W W W W W
S S S S S
GAS GAS GAS GAS GAS GAS GAS GAS GAS GAS
ST ST ST ST ST ST ST ST ST ST ST

LEGEND

- ES — PERCHLOROETHENE ENFORCEMENT STANDARD (5 ug/L)
- GP-5 — GEOPROBE LOCATION "V" DENOTES VAPOR PROBE "W" DENOTES A TEMPORARY MONITORING WELL
- MW-4 — MONITORING WELL LOCATION
- IA-1 — INDOOR AIR SAMPLE LOCATION
- SV-1 — SOIL VAPOR PROBE LOCATION
- GAS — GAS LINE
- S — S
- W — WATER LINE
- ST — STORM SEWER

0 30'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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PERCHLOROETHENE GROUNDWATER ISOCONCENTRATION MAP (MAY 2017)

FORMER NATURAL CLEANERS
BAYSIDE, WISCONSIN

Scale: 1" = 30'	Date: December 9, 2019
KPRG Project No. 18806.3	FIGURE 9

W:\projects\natural cleaners-bayside 18806\18806.3\18806.3_si add 2 maps.dwg

N. Port Washington Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. Iroquois

8870

8869

8855

8845

8837

8850

2

3

4

5

6

7

8

9

10

ALLEY

VACATED ALLEY

30'

N

SBC LINE

2 STORY BUILDING
WITH BASEMENT

APPROX. LOCATION
OF HISTORIC ROADSIDE DRAINAGE

HALLWAY

FRONT DOOR

FORMER MACHINE
LOCATION

FORMER NATURAL
CLEANERS

SIDEWALK

SHRUB

GRAVEL
STORAGE
PAD

APPROX. LOCATION
OF STORM SEWER

APPROXIMATE PROPERTY LINE

VILLAGE OF BAYSIDE

CSM 8538

SV-1
SV-2
SV-3
SV-4

IA-1
IA-2
IA-3
IA-4

GP-1
GP-2
GP-3
GP-4
GP-5
GP-6
GP-7/V
GP-8/V
GP-9
GP-10/W
GP-11/W
GP-12/W
GP-13/W
GP-14
GP-15
GP-16/W
GP-17/W
GP-18/V
GP-19/V
GP-21
GP-22
GP-23
GP-24

MW-1
MW-2
MW-3
MW-3D
MW-4
MW-5

<0.33
179

GAS
ST

LEGEND

ES — TRICHLOROTEHENE ENFORCEMENT STANDARD (5.0 ug/L)

GP-5 — GEOPROBE LOCATION
"V" DENOTES VAPOR PROBE
"W" DENOTES A TEMPORARY MONITORING WELL

MW-4 — MONITORING WELL LOCATION

IA-1 — INDOOR AIR SAMPLE LOCATION

SV-1 — SOIL VAPOR PROBE LOCATION

GAS — GAS LINE
S — SANITARY SEWER
W — WATER LINE
ST — STORM SEWER

0 30'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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TRICHLOROTHENE GROUNDWATER ISOCONCENTRATION MAP (5/2017)

FORMER NATURAL CLEANERS
BAYSIDE, WISCONSIN

Scale: 1" = 30' | Date: December 9, 2019

KPRG Project No. 18806.3 | FIGURE 10

W:\projects\natural cleaners-bayside 18806\18806.3\18806.3_si add 2 maps.dwg

N. Port Washington Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. Iroquois Rd.

N. Iroquois

8870

8869

8855

8845

8837

8850

8833

2

3

4

5

6

7

8

9

10

30'

ALLEY

VACATED ALLEY

N

SBC LINE

2 STORY BUILDING
WITH BASEMENT

APPROX. LOCATION
OF HISTORIC ROADSIDE DRAINAGE

SV-1

IA-1

SV-2

GP-6

HALLWAY

FRONT DOOR

FORMER MACHINE
LOCATION

FORMER NATURAL
CLEANERS

SIDEWALK

SHRUB

GP-17/W
<0.26

MW-1
<0.26

GP-2

GP-7/V

GP-1

SV-3

GP-3
311

MW-2

GP-8/V

IA-3

IA-2

MW-5
<0.26

GP-20

GP-21

GP-12/W
<0.26

GP-5

GP-4

GP-22

GP-23

GP-11/W
<0.26

GP-10/W

GRAVEL
STORAGE
PAD

IA-4

SV-4

GP-24

GP-9

MW-3
2.0

MW-3D
<0.26

GP-16/W

GP-18/V

GP-19/V

GP-15

GP-14

MW-4
<0.26

APPROXIMATE PROPERTY LINE

APPROX. LOCATION
OF STORM SEWER

W W W W W
S S S S S

GAS GAS GAS GAS GAS GAS GAS GAS GAS GAS

ST ST ST ST ST ST ST ST ST ST ST

ST ST

CSM 8538

LEGEND

ES — CIS-1,2-DICHLOROTHENE ENFORCEMENT STANDARD (70 ug/L)

GP-5 — GEOPROBE LOCATION
"V" DENOTES VAPOR PROBE
"W" DENOTES A TEMPORARY MONITORING WELL

MW-4 — MONITORING WELL LOCATION

IA-1 — INDOOR AIR SAMPLE LOCATION

SV-1 — SOIL VAPOR PROBE LOCATION

GAS — GAS LINE

S — SANITARY SEWER

W — WATER LINE

ST — STORM SEWER

0 30'

APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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CIS-1,2-DICLOROTHENE GROUNDWATER ISOCONCENTRATION MAP (MAY 2017)

FORMER NATURAL CLEANERS
BAYSIDE, WISCONSIN

Scale: 1" = 30' | Date: December 9, 2019

KPRG Project No. 18806.3 | FIGURE 11

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TABLES

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

WELL	Elev USGS Datum	1/24/2008		6/11/2008		8/26/2008		6/25/2009	
		Depth to Water	Water Elev	Depth to Water	Water Elev	Depth to Water	Water Elev	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 Datum	6/3/2010		9/16/2010		12/15/2010		4/5/2011	
		Depth to Water	Water Elev	Depth to Water	Water Elev	Depth to Water	Water Elev	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 Datum	11/11/2013		2/19/2014		5/17/2017	
		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 Hydraulic Conductivity		
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-Industrial Standards		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-Dichloroethene	156,000	41.2	290	<29	<30	<29	<500	140	<25	<25	<25
trans-1,2-Dichloroethene	1,560,000	62.6	<30	<29	<30	<29	<500	<25	<25	<25	<25
Tetrachloroethene	33,000	4.5	800	540	2,400	8,100	**82,000**	5,100	<25	170	<25
Trichloroethene	1,300	3.6	1,100	32	180	120	960 Q	150	<25	39 Q	<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-Industrial Standards		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-Dichloroethene	156,000	41.2	<25	<25	<25	<25	<200	<25	170	<25	<25
trans-1,2-Dichloroethene	1,560,000	62.6	<25	<25	<25	<25	<200	<25	<25	<25	<25
Tetrachloroethene	33,000	4.5	<25	<25	<25	<25	**36,000**	<25	<25	<25	<25
Trichloroethene	1,300	3.6	<25	<25	<25	<25	950	<25	140	<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-Industrial Standards		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-Dichloroethene	156,000	41.2	<25	<25	<25	<25	<25	<25.0	142	159	573 J
trans-1,2-Dichloroethene	1,560,000	62.6	<25	<25	<25	<25	<25	<25.0	38.3 J	207	<250
Tetrachloroethene	33,000	4.5	<25	<25	<25	<25	<25	138	949	90.7	**54,200**
Trichloroethene	1,300	3.6	<25	<25	<25	<25	<25	<25.0	668	68.3 J	**3,440**
Viny chloride	67	0.1	<25	<25	<25	<25	<25	51.5 J	<25.0	**321**	<250
TOC (mg/kg)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

SAMPLE ID	WDNR Non-Industrial Standards		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-Dichloroethene	156,000	41.2	<25.0	<50.0	<25.0	<25.0	<25.0	39.6 J	76.1	<25.0
trans-1,2-Dichloroethene	1,560,000	62.6	<25.0	<50.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Tetrachloroethene	33,000	4.5	149	7,480	88.4	3,460	635	4,690	844	1,670
Trichloroethene	1,300	3.6	<25.0	750	<25.0	316	226	403	305	78.5
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
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.
NE - Not Established

Underline - Value exceeds the soil-to-gw RCL
Bold - Value exceeds the direct contact RCL

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

Parameter Name	WDNR NR 140		MW-1											MW-2										
	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	0.67 J	1.3	1.1J	1.4 J	<0.72	<0.72	1.5 J	<2.4	<1.9	1.6 J
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	**180**	**168**	**187**	**221**	**276**	**247**	**218**	**258**	**366**	**299**	**311**
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	23	18.1	22.8	32.3	43.3	40.7	34.3	40.1	74.6	56.9	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	**320**	**164**	**199**	**412**	**565**	**539**	**450**	**507**	**1070**	**757**	**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	**58**	**33**	**50.1**	**76.3**	**95.6**	**99.6**	**86.9**	**97.5**	**161**	**129**	**179**
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	**7.2**	<0.18	**4.3**	**11.9**	**14.6**	**2.1**	<0.36	**1.6 J**	**56.9**	**2.6 J**	**13.4**
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										MW-3D	
	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	0.51 J	<0.45	<0.57 J	0.64 J	1.0	0.62 J	1.1	3.0	0.61 J	< 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	**0.42 Q**	<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	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

Parameter Name	WDNR NR 140		MW-4											MW-5		GP-10							
	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	1.5	<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	3..378	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
	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	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
NM - Not Measured
Bold - Result exceeds the ES
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		MW-1		MW-2		MW-2D		MW-3		MW-4	
	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**	**1960**	110	135	47	66.5	130	**465**	**290**	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

Bold - Result exceeds the ES
Underline - 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

Sample Name	WDNR Small Commercial		GP-7 / V	GP-8 / V	SV-1	SV-2	SV-3
Parameter / Date	Indoor VAL	Sub-Slab VRSL	1/13/2008	1/13/2008	3/31/2017	3/31/2017	3/31/2017
1,1-Dichloroethane	77	2,600	NA	NA	<0.23	<0.24	<0.24
1,1-Dichloroethene	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
trans-1,2-Dichloroethene	NV	NV	778	ND	<0.55	<0.60	7.8
Tetrachloroethene	180	6,000	**15,500**	110	2.5	0.68 J	175
1,1,1-Trichloroethane	22,000	730,000	130	ND	<0.36	<0.38	0.36 J
Trichloroethene	8.8	290	**3,560**	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/m^3.
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 Deep Soil	GP-18	GP-19
		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

Underline - Value exceeds the Residential Air Screening Level

BOLD - 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	Screening Levels		IA-1		IA-2		IA-3		IA-4	
	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

APPENDIX A

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NATURAL CLEANERS		MW-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: TONY Last Name: Firm: ON-SITE ENVIRONMENTAL	12/21/2007 (m m d d y y y y)	12/21/2007 (m m d d y y y y)	GEOPROBE THEN HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _	MW-1	_____ Feet MSL	_____ Feet MSL	2 / 8 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
SE 1/4 of SW 1/4 of Section 5, T 8 N, R 22 E

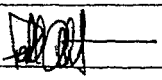
Lat ° ' "
Long ° ' "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE		BAYSIDE

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	ASPHALT - LT BR GRAY BASE ROCK										
				BR+DK BR SAND-SILT-CLAY MIX										
S1	5		2	BROWN TO DARK BROWN SILTY CLAY, RUST + BR MOTT, MOD SOFT, SL MOIST.				ϕ						
			4					ϕ						
				BROWN CLAY, LITTLE SILT, WHITE +GRAY STRINGERS, SL MOIST -.										
S1	5		6					ϕ						
			8	- SILTY LAYER				ϕ						
			10											
S1	5							ϕ						
			12											
				- FADING										
			14					ϕ						
				GRAY CLAY, SOME RUST MOTT + STRINGERS, TR SILT, MOIST.										
S2	2.5		16					ϕ						
			18	- NO GRAY / WHITE										
			20					ϕ						

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

Signature	Firm
	KPRG AND ASSOCIATES, INC.

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NATURAL CLEANERS ; MW-1

Sample: Number and Type	Sample: Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
	5		24	- SAA				0						
			26	EOB@25'										
			28											
			30											
			32											
			34											
			36											
			38											
			40											
			42											
			44											
			46											
			48											
			50											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NATURAL CLEANERS		MW-2D

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: TONY Last Name: Firm: ON-SITE ENVIRONMENTAL	12/19/2007 (m m d d y y y y)	12/19/2007 (m m d d y y y y)	GEOPROBE THEN HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _	MW-2D	_____ Feet MSL	_____ Feet MSL	2 1/8 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
SE 1/4 of SW 1/4 of Section 5, T 8 N, R 22 E

Lat ° ' "
Long ° ' "

Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE		BAYSIDE

Sample Number and Type	Length Act. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	5		2	ASPHALT BLACK SAND, FINE TO MEDIUM TAN GRAVEL BASE ROCK				0						
			4	BROWN+DK BR SILTY CLAY, TR SAND, SOFT, MOIST.				4.3						
	5		6	BROWN CLAY, LT SILT, GRAY + WHITE SILTY STRINGERS				17						
			8	- NO GRAY/WHITE, TR M SAND				38						
			10											
	5		12					19						
			14					3.8						
			16	- LAYER - SOME RUST STRINGERS/MOTT				0.6						
	5		18					0						
				GRAY CLAY, TR C SAND/F GRAV, MOD STIFF, MOIST.				0						
			20	- V. THIN LAYER W/ MED SAND, V. MOIST.				0						

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

Signature	Firm
	KPRG AND ASSOCIATES, INC.

NATURAL CLEANERS; MW-2D

Sample: Number and Type	Sample: Length Att. & Recovered (in.)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
	5		24					ϕ						
	5		26					ϕ						
			28											
			30					ϕ						
	5		32					ϕ						
			34											
	5		36	- 36-40, TR LT GRAY SILTY VUGS, SMALL, V. MOIST.				ϕ						
			38											
	5		40					ϕ						
			42											
			44											
			46	EOB @ 45'										
			48											
			50											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NATURAL CLEANERS		MW-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: TONY Last Name: Firm: ON-SITE ENVIRONMENTAL	12/19/2007 (m m d d y y y y)	12/19/2007 (m m d d y y y y)	GEOPROBE THEN HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _	MW-3	_____ Feet MSL	_____ Feet MSL	2/8 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
SE 1/4 of SW 1/4 of Section 5, T 8 N, R 22 E

Lat ° ' "
Long ° ' "

Local Grid Location
☐ N ☐ E
_____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE		BAYSIDE

Sample Number and Type	Length Act. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	3		2	ASPHALT BLACK SILTY SAND, SL MOIST. TAN GRAVEL BASE ROCK, SL MOIST. BROWN + DK BR SILTY CLAY, SL MOIST.				ϕ						
			4	BROWN SAND-SILT-CLAY MIX, MOIST -SILT, MOIST				ϕ						
	5		6	BROWN CLAY, LI SILT, STIFF, GRAY SILTY STRINGERS, SL MOIST.				3.1						
			8	- NO STRINGERS				4.2						
			10					ϕ.5						
	5		12	- TR RUST MOTT				ϕ						
			14											
	5		16	GRAY CLAY, LI SILT, TR-M SAND, MOD SOFT, MOIST.				ϕ						
			18					ϕ						
			20					ϕ						

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

Signature	Firm
[signature]	KPRG AND ASSOCIATES, INC.

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NATURAL CLEANERS; MW-3

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
	5		24	- SAA				0						
			26	EOB@25'										
			28											
			30											
			32											
			34											
			36											
			38											
			40											
			42											
			44											
			46											
			48											
			50											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
former Natural Cleaners		MW-3D

Boring Drilled By: Name of crew chief (first,last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Adam/Dan Last Name: Firm: Horizon Construction	03/15/2017	03/15/2017	Geoprobe then HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		MW-3D	Feet MSL	Feet MSL	2 then 8 inches

Local Grid Origin (estimated:) or Boring Location
State Plane N, E
SW 1/4 of SE 1/4 of Section 5, T 8 N, R 22 E
Lat Long
Local Grid Location N E Feet S Feet W

Facility ID	County	County Code	Civil Town / City / or Village
341140250	Milwaukee	41	Bayside

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD / Comments
			2	Boring blind drilled to 25 feet. Please see boring log MW-3 for description.										
			4											
			6											
			8											
			10											
			12											
			14											
			16											
			18											
			20											
			22											

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

Signature Firm KPRG and Associates, Inc.

Boring: MW-3D Site: former Natural Cleaners

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			24											
	3		26	Gray Silty Clay, trace coarse sand to fine gravel, sl moist.				0.7						
	5		28 30 32	- 29' to 32' silt and fine sand seams				1.1						
	5		34 36					1.4						
	5		38 40 42					1.5						
	5		44 46					0.9						
			48 50											
			52 54 56 58 60 62	End of Boring at 50 feet. Boring converted to monitoring well.										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NATURAL CLEANERS		MW-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: TONY Last Name: Firm: ON-SITE ENVIRONMENTAL	12/19/2007 (m m d d y y y y)	12/20/2007 (m m d d y y y y)	GEOPROBE THEN HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _	MW-4	_____ Feet MSL	_____ Feet MSL	2 / 8 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
SE 1/4 of SW 1/4 of Section 5, T 8 N, R 22 E

Lat ° ' "
Long ° ' "

Local Grid Location
☐ N ☐ E
_____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE		BAYSIDE

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			2	ASPHALT BLACK F-M SAND + GRAVEL, SL MOIST. TAN GRAVEL BASE ROCK BROWN SILTY CLAY				ϕ ϕ						
3			4	BLACK SILTY CLAY, MOD SOFT, ORGANICS. MOIST.				2.2						
			6	BROWN CLAY, LT SILT, TR M SAND, GRAY/WHITE STRINGERS, SL MOIST.				ϕ						
5			8	-NO STRINGERS				ϕ						
			10					ϕ						
5			12					ϕ						
			14	GRAY CLAY, TR M SAND, MOIST.				ϕ						
5			16					ϕ						
			18					ϕ						
			20					ϕ						

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

Signature	Firm
	KPRG AND ASSOCIATES, INC.

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NATURAL CLEANERS ; MW-4

Sample: Number and Type	Sample: Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
	5		24	- SAA				0						
			26	EOB @ 25'										
			28											
			30											
			32											
			34											
			36											
			38											
			40											
			42											
			44											
			46											
			48											
			50											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name: former Natural Cleaners	License/Permit/Monitoring Number:	Boring Number: MW-5

Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Adam/Dan Last Name: Firm: Horizon Construction	Date Drilling Started: 03/15/2017	Date Drilling Completed: 03/15/2017	Drilling Method: Geoprobe then HSA
WI Unique Well No.	DNR Well ID No.	Well Name: MW-05	Final Static Water Level: Feet MSL
Surface Elevation: Feet MSL	Borehole Diameter: 2 then 8 inches		

Local Grid Origin (estimated:) or Boring Location
State Plane N, E
SW 1/4 of SE 1/4 of Section 5, T 8 N, R 22 E
Lat Long

Local Grid Location
Feet N Feet S Feet E Feet W

Facility ID: 341140250	County: Milwaukee	County Code: 41	Civil Town / City / or Village: Bayside

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
	3		2	Asphalt over Brown gravel base rock Dark Brown Sandy Gravel, some fines. Tan Gravel Base Rock.				2.4						
			4	-1' Dark Brown Silty Clay, trace med sand.				1.3						
				-2' Brown Silty Clay, mod soft, sl moist										
	5		6	-5' Brown Silt Clay, trace med to coarse sand, gray stringers, sl moist.				4.1						
			8					3.2						
	5		10	- no stringers				812						
			12											
			14	- silt and fine sand seam				430						
	2		16	Gray Silty Clay, trace med sand, sl moist.				520						
			18											
			20					333						
			22											

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

Signature | Firm: KPRG and Associates, Inc.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
				from above										
			24	Gray Silty Clay, trace med sand, sl moist.				510						
			26	End of Boring at 25 feet.										
				Boring converted to monitoring well.										
			28											
			30											
			32											
			34											
			36											
			38											
			40											
			42											
			44											
			46											
			48											
			50											
			52											
			54											
			56											
			58											
			60											
			62											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NATURAL CLEANERS		GP-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: BENDORF Firm: PROBE TECHNOLOGIES	11/16/2006 (m m d d y y y y)	11/16/2006 (m m d d y y y y)	GEOPROBE

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_____	_____	_____	_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
SE 1/4 of SW 1/4 of Section 5, T 8 N, R 22 E

Lat ° ' "
Long ° ' "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
_____	MILWAUKEE		BAYSIDE

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			2	CONCRETE 4", GRAVEL 6" CLAY, BROWN, TR SAND AND GRAVEL, MOD STIFF. SL. MOIST				0					
			4	EOB @ 3'										
			6											
			8											
			10											
			12											
			14											
			16											

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

Signature	Firm
[signature]	

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NATURAL CLEANERS		GP-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: BENDORF Firm: PROBE TECHNOLOGIES	11/16/2006	11/16/2006	GEOPROBE

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_____	_____	_____	_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
SE 1/4 of SW 1/4 of Section 5, T 8 N, R 22 E

Lat ° ' "
Long ° ' "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
_____	MILWAUKEE	_____	BAYSIDE

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			2	CONCRETE, 4", PEA GRAVEL ~8" CLAY, BROWN, TRACE SAND AND GRAVEL SL. MOIST.				0						
			4	EOB @ 3'										
			6											
			8											
			10											
			12											
			14											
			16											

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

Signature _____ Firm _____

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NATURAL CLEANERS		GP-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: BENDORF Firm: PROBE TECHNOLOGIES	11/16/2006 (m m d d y y y y)	11/16/2006 (m m d d y y y y)	GEOPROBE

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _	—	_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
SE 1/4 of SW 1/4 of Section 5, T 8 N, R 22 E

Lat ° ' "
Long ° ' "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
—	MILWAUKEE		BAYSIDE

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	3/4		2	ASPHALT SAND AND GRAVEL, ROAD BASE, BLACK TO TAN, MOIST.				0						
			4	CLAY, DARK BROWN, SOME SILT, MOD SOFT. MOIST.				0						
	4/4		6	CLAY, BROWN, TR SILT, MOD STIFF, GRAY STRINGERS. SL MOIST.				0						
			8					0						
	4/4		10	- NO STRINGERS				0						
			12											
	3/3		14					0						
			16	EOB@15'										

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

Signature _____ Firm _____

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NATURAL CLEANERS		GP-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: BENDORF Firm: PROBE TECHNOLOGIES	11/16/2006	11/16/2006	GEOPROBE

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
SE 1/4 of SW 1/4 of Section 5, T 8 N, R 22 E.
Lat 0 ' "
Long 0 ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE		BAYSIDE

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	2.5/3.5		2	ASPHALT SAND AND GRAVEL, ROAD BASE, BLACK TO TAN. MOIST.				0						
			4	CLAY, DK BROWN, LITTLE SILT, TRACE SAND. SL MOIST. SOFT.				0						
	2/4		6					0						
			8	CLAY, BROWN, TR SILT, GRAY STRINGERS, STIFF. SL MOIST.				0						
	4/4		10	- NO GRAY STRINGERS				0						
			12					0						
	3/3		14					0						
			16	EOB @ 15'										

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

Signature _____ Firm _____

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State of Wisconsin
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SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Page 1 of 1

Facility/Project Name: NATURAL CLEANERS	License/Permit/Monitoring Number:	Boring Number: GP-5
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: TONY Last Name: — Firm: ON-SITE ENVIRONMENTAL	Date Drilling Started: 12/20/2007 (m m d d y y y y)	Date Drilling Completed: 12/20/2007 (m m d d y y y y) — Drilling Method: GEOPROBE
WI Unique Well No.: _ _ _ _ _ _ _	DNR Well ID No.: _ _ _ _ _	Well Name: —
Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: 2 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane _____ N, _____ E	Lat ° ' " — Long ° ' "	Local Grid Location: _____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W
SE 1/4 of SW 1/4 of Section 5, T 8 N, R 22 E		
Facility ID	County: MILWAUKEE — County Code:	Civil Town/City/ or Village: BAYSIDE

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	5		2	ASPHALT - TAN GRAV BASE ROCK BLACK SAND + GRAV TAN GRAV BASE ROCK BROWN + DK BR SILTY CLAY				95						
			4					78						
				BROWN CLAY, TR - SILT + FSAND,				48						
	5		6	SOME GRAY + WHITE STRINGERS,				66						
			8	SLIGHTLY MOIST.				86						
								110						
			10					18						
	5		12					16						
				- NO GRAY / WHITE				3.8						
			14											
			16	EOB @ 15'										
			18											
			20											

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

Signature: [signature] Firm: KPRG AND ASSOCIATES, INC.

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NATURAL CLEANERS		GP-6

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: TONY Last Name:	12/20/2007	12/20/2007	GEOPROBE
Firm: ON-SITE ENVIRONMENTAL			

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
SE 1/4 of SW 1/4 of Section 5, T 8 N, R 22 E

Lat ° ' "
Long ° ' "

Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE		BAYSIDE

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	5		2	ASPHALT - TAN BASE ROCK BLACK SAND + GRAVEL TAN GRAVEL BASE ROCK BROWN + DARK BROWN SILTY CLAY, TR SILT-SAND-GRAV., SL MOIST				ϕ						
	5		4 6 8 10	BROWN CLAY, LITTLE GRAY + WHITE SILTY STRINGERS, SL MOIST. - SILTY.				ϕ						
	5		12 14	- NO GRAY / WHITE				ϕ						
			16 18 20	EOB @ 15'										

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

Signature	Firm
	KPRG AND ASSOCIATES, INC.

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

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NATURAL CLEANERS		GP-7

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: TONY Last Name: Firm: ON-SITE ENVIRONMENTAL	12/20/2007 (m m d d y y y y)	12/20/2007 (m m d d y y y y)	GEOPROBE

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ - _ _ _ _	_ _ _ _	—	_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
SE 1/4 of SW 1/4 of Section 5, T 8 N, R 22 E

Lat ° ' "
Long ° ' "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE		BAYSIDE

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	1.5		2	CONCRETE - TAN GRAV BASE ROCK BROWN SILTY CLAY, TR MED SAND,				0.3						
	2		4					0.3							
			6	EOB@4'				0.0							
			8												
			10												
			12												
			14												
			16												
			18												
			20												

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

Signature	Firm
	KPRG AND ASSOCIATES, INC.

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Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NATURAL CLEANERS		GP-8

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: TONY Last Name: Firm: ON-SITE ENVIRONMENTAL	12/20/2007 (m m d d y y y y)	12/20/2007 (m m d d y y y y)	GEOPROBE

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _	—	_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
SE 1/4 of SW 1/4 of Section 5, T 8 N, R 22 E

Lat ° ' "
Long ° ' "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE		BAYSIDE

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	1.5		0	CONCRETE, TAN GRAV BASE ROCK + BR F SAND-SILT-CLAY MIX, MOIST				ϕ						
	1.5		2	BROWN CLAY, TR SILT, M SAND, SILTY LAYER (THIN) @ 2.5'.				ϕ						
			4	EOB @ 3.5'										
			6											
			8											
			10											

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

Signature _____ Firm KPRG AND ASSOCIATES

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Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NATURAL CLEANERS		GP-9

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: TONY Last Name: Firm: ON-SITE ENVIRONMENTAL	12/20/2007 (m m d d y y y y)	12/20/2007 (m m d d y y y y)	GEOPROBE

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _	—	_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

SE 1/4 of SW 1/4 of Section 5, T 8 N, R 22 E

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE		BAYSIDE

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	CONCRETE - GRAVEL BASE + BROWN FINE TO MED SAND-SILT-CLAY				0						
			2	BROWN CLAY, TR SILT + M-C SAND				0						
			4	EOB 03'				0						
			6											
			8											
			10											

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

Signature [signature] Firm KPRG AND ASSOCIATES

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SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

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

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NATURAL CLEANERS		GP-10

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: DAN Last Name: BENDORF Firm: PROBE TECHNOLOGIES	06/22/2009	06/22/2009	GEOPROBE

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _	GP-10	_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
SE 1/4 of SW 1/4 of Section 5, T 8 N, R 22 E
Lat 0 ' "
Long 0 ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
341140250	MILWAUKEE		BAYSIDE

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	4		0–2	BK CLAY TOP SOIL, GRASS, WET DK BR CLAY, SILTY, LOAM, V. MOIST				0						
			2–4	REDDISH BROWN CLAY, TRACE SILT + GRAVEL, SOME LT GRAY STRINGERS, SL MOIST.				0						
	4		4–6					0						
			6–8	- SOME RUST MOTTLING - NO STRINGERS TO DEPTH				0						
	4		8–10					0						
			10–12	AA, MOIST				0						
	0		12–14					0						
			14–16											
			16–18	EOBG 15'										
			18–20											

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

Signature _____ Firm KPRG AND ASSOCIATES, INC.

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SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name: former Natural Cleaners	License/Permit/Monitoring Number:	Boring Number: GP-11	
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Dan Last Name: Bendorf Firm: PROBE Technologies	Date Drilling Started: 09/25/2013	Date Drilling Completed: 09/25/2013	Drilling Method: Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name: GP-11	Final Static Water Level: ____ Feet MSL
Surface Elevation: ____ Feet MSL	Borehole Diameter: 2 inches		
Local Grid Origin (estimated:) or Boring Location State Plane ____ N, ____ E SW 1/4 of SE 1/4 of Section 5, T 8 N, R 22 E	Lat ____ Long ____	Local Grid Location ____ N ____ E ____ Feet ____ S ____ Feet ____ W	
Facility ID: 341140250	County: Milwaukee	County Code: 41	Civil Town / City / or Village: Bayside

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
				Gravel and Fill, clay brick, sl moist.				0						
	4		2	Brown Silty Clay, trace med sand and gravel, sl moist.				0						
			4	- begin with light gray stringers				0						
	4		6	- begin trace stringers				0						
			8	- begin no stringers				0						
	4		10	- fine to med sand deam, wet Gray Silty Clay, moist				0						
			12					0						
	4		14					0						
			16	Gray Clay, moist.										
			18	End of boring at 16 feet. Boring converted to well.										
			20											
			22											

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

Signature | Firm: KPRG and Associates, Inc.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name: former Natural Cleaners	License/Permit/Monitoring Number:	Boring Number: GP-12	
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Dan Last Name: Bendorf Firm: PROBE Technologies	Date Drilling Started: 09/25/2013	Date Drilling Completed: 09/25/2013	Drilling Method: Geoprobe
WI Unique Well No.:	DNR Well ID No.:	Well Name: GP-12	Final Static Water Level: Feet MSL	Surface Elevation: Feet MSL	Borehole Diameter: 2 inches
Local Grid Origin (estimated:) or Boring Location State Plane N, E SW 1/4 of SE 1/4 of Section 5, T 8 N, R 22 E	Lat Long	Local Grid Location N E Feet S Feet W	
Facility ID: 341140250	County: Milwaukee	County Code: 41	Civil Town / City / or Village: Bayside

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
	4		2	Black Top Soil, clayey, sl moist Dark Reddish Brown Silty Clay, trace sand and gravel, organics, dry - Silt layer				0 0						
	4		6	Brown Silty Clay, trace sand and gravel, lt gray stringers, dry.				0 0						
	4		10	- begin no stringers				0 0						
	3		14	Gray Silty Clay, trace med to coarse sand and fine gravel, moist.				0 0						
			22	End of boring at 15 feet. Boring converted to well.										

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name: former Natural Cleaners	License/Permit/Monitoring Number:	Boring Number: GP-13

Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Dan Last Name: Bendorf Firm: PROBE Technologies	Date Drilling Started 09/25/2013	Date Drilling Completed 09/25/2013	Drilling Method Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name GP-13	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches

Local Grid Origin (estimated:) or Boring Location
State Plane N, E
SW 1/4 of SE 1/4 of Section 5, T 8 N, R 22 E
Lat Long

Local Grid Location
N E
Feet S Feet W

Facility ID 341140250	County Milwaukee	County Code 41	Civil Town / City / or Village Bayside

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
	4		2	Grass over black top soil, clayey Dark Reddish Brown Silty Clay, trace sand and gravel, organics, dry				0						
			4	Brown Silty Clay with sand and gravel, light gray stringers, dry.				0						
	4		6	- begin moist				0						
			8	- begin no stringers				0						
	4		10	Gray Silty Clay, trace sand and gravel, trace rust mottling, moist.				0						
			12					0						
	3		14					0						
			16	End of boring at 15 feet. Boring converted to well.										
			18											
			20											
			22											

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

Signature Firm: KPRG and Associates, Inc.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
former Natural Cleaners		GP-14

Boring Drilled By: Name of crew chief (first,last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Dan Last Name: Bendorf Firm: PROBE Technologies	09/25/2013	09/25/2013	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		no well	Feet MSL	Feet MSL	2 inches

Local Grid Origin (estimated:) or Boring Location
State Plane N, E
SW 1/4 of SE 1/4 of Section 5, T 8 N, R 22 E
Lat Long

Local Grid Location
N Feet S E Feet W

Facility ID	County	County Code	Civil Town / City / or Village
341140250	Milwaukee	41	Bayside

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
				Asphalt over brown gravel base rock, dry.				5.2						
	4		2	Brown Silt and Clay, moist.				45						
			4	- lumber, glass				23.1						
								8.2						
	4		6	Dark brown Silty Clay, trace med sand, slightly moist.				4.4						
			8	Brown Silt Clay, trace sand and gravel,				5.8						
				lt gray stringers, sl moist.				4.1						
	4		10	- begin no stringers				5.1						
			12					2.7						
			14	End of boring at 16 feet.										
				Boring abandoned upon completion.										
			16											
			18											
			20											
			22											

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

Signature Firm KPRG and Associates, Inc.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
former Natural Cleaners		GP-15

Boring Drilled By: Name of crew chief (first,last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Dan Last Name: Bendorf Firm: PROBE Technologies	09/25/2013	09/25/2013	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		no well	Feet MSL	Feet MSL	2 inches

Local Grid Origin (estimated:) or Boring Location
State Plane N, E
SW 1/4 of SE 1/4 of Section 5, T 8 N, R 22 E
Lat Long

Local Grid Location
N Feet S E Feet W

Facility ID	County	County Code	Civil Town / City / or Village
341140250	Milwaukee	41	Bayside

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
	4		2	Asphalt over Brown gravel base rock Dark Brown Silty Clay, trace med sand,				5.6						
			4	slightly moist.				39.5						
	3		6	- black from 4 - 6				9.2						
			8	- gravel/cobble				5.3						
	4		10	Brown Silty Clay, trace sand and gravel, lt gray stringers 8-9 feet.				3.3 3.2						
			12					2.6						
			14	End of boring at 12 feet. Boring abandoned upon completion.										
			16											
			18											
			20											
			22											

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

Signature	Firm
	KPRG and Associates, Inc.

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Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name: former Natural Cleaners	License/Permit/Monitoring Number:	Boring Number: GP-16	
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Dan Last Name: Bendorf Firm: PROBE Technologies	Date Drilling Started: 09/30/2013	Date Drilling Completed: 09/30/2013	Drilling Method: Geoprobe
WI Unique Well No.:	DNR Well ID No.:	Well Name: GP-16	Final Static Water Level: Feet MSL	Surface Elevation: Feet MSL	Borehole Diameter: 2 inches
Local Grid Origin (estimated:) or Boring Location State Plane N, E SW 1/4 of SE 1/4 of Section 5, T 8 N, R 22 E	Lat Long	Local Grid Location Feet N Feet S Feet E Feet W	
Facility ID: 341140250	County: Milwaukee	County Code: 41	Civil Town / City / or Village: Bayside

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			2	Upper portion of boring excavated with hydro-jet for utility clearance.										
			4											
			6											
	2		8	Brown Silty Clay, trace med sand, slightly moist.				0						
	3		10	- some gray mottling Gray Clay, trace med to coarse sand, moist.				0						
	3		12					0						
			14					0						
			16	End of boring at 15 feet. Boring converted to well.										
			18											
			20											
			22											

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Signature | Firm: KPRG and Associates, Inc.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name: former Natural Cleaners	License/Permit/Monitoring Number:	Boring Number: GP-17	
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Dan Last Name: Bendorf Firm: PROBE Technologies	Date Drilling Started: 09/30/2013	Date Drilling Completed: 09/30/2013	Drilling Method: Geoprobe
WI Unique Well No.:	DNR Well ID No.:	Well Name: GP-17	Final Static Water Level: Feet MSL	Surface Elevation: Feet MSL	Borehole Diameter: 2 inches
Local Grid Origin (estimated:) or Boring Location State Plane N, E SW 1/4 of SE 1/4 of Section 5, T 8 N, R 22 E	Lat Long	Local Grid Location Feet N Feet E Feet S Feet W	
Facility ID: 341140250	County: Milwaukee	County Code: 41	Civil Town / City / or Village: Bayside

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			2	Upper portion of boring excavated with hydro-jet for utility clearance.										
			4											
			6											
	1.5			Brown Silty Clay, tr med to coarse sand, some lt gray stringers, moist.				0						
	2		8	- begin no stringers				0						
	0		10					0						
			12	Brown Clay, trace med sand, moist.				0						
	4			- some gray mottling										
			14	Gray Clay, trace med sand, very moist.				0						
			16											
				End of boring at 16 feet.										
			18	Boring converted to well.										
			20											
			22											

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

Signature | Firm: KPRG and Associates, Inc.

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SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name: former Natural Cleaners	License/Permit/Monitoring Number:	Boring Number: GP-18/V

Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Dan Last Name: Bendorf Firm: Probe Technologies	Date Drilling Started 1 0 0 1 2 0 1 5 m m/ d d/ y y y y	Date Drilling Completed 1 0 0 1 2 0 1 5 m m/ d d/ y y y y	Drilling Method Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name: GP-18/V	Final Static Water Level: ____ Feet MSL	Surface Elevation: ____ Feet MSL	Borehole Diameter: 2 inches

Local Grid Origin (estimated:) or Boring Location
State Plane ____ N, ____ E
SW 1/4 of SE 1/4 of Section 5, T 8 N, R 22 E
Lat ____ Long ____

Local Grid Location
____ N ____ E
____ Feet ___ S ____ Feet ___ W

Facility ID: 341140250	County: Milwaukee	County Code: 41	Civil Town / City / or Village: Bayside

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
				Asphalt over sandy gravel				0						
				Dark Brown Silty Clay, trace gravel, sl moist.				0						
	3		2					0						
				Brown Silty Clay, trace organics, sl moist.				0						
			4	- soft, peat				0						
				Brown and Gray mottled Clay, sl moist.				0						
	4		6	- silt and fine sand				0						
				Brown Silty Clay, some gray stringers.				0						
	2		8					0						
			10					0						
				End of Boring at 10 feet.										
			12											
				Boring completed as soil vapor probe.										
			14											
			16											
			18											
			20											
			22											

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

Signature	Firm
	KPRG and Associates, Inc.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name: former Natural Cleaners	License/Permit/Monitoring Number:	Boring Number: GP-19/V

Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Dan Last Name: Bendorf Firm: Probe Technologies	Date Drilling Started 1 0 0 1 2 0 1 5 m m/ d d/ y y y y	Date Drilling Completed 1 0 0 1 2 0 1 5 m m/ d d/ y y y y	Drilling Method Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name GP-19/V	Final Static Water Level _____ Feet MSL	Surface Elevation _____ Feet MSL	Borehole Diameter 2 inches

Local Grid Origin (estimated:) or Boring Location
State Plane _____ N, _____ E
SW 1/4 of SE 1/4 of Section 5, T 8 N, R 22 E
Lat _____ Long _____

Local Grid Location
___ N _____ Feet ___ S
___ E _____ Feet ___ W

Facility ID: 341140250	County: Milwaukee	County Code: 41	Civil Town / City / or Village: Bayside

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
				Asphalt over sandy gravel				0						
				Brown Silty Clay, trace gravel, sl moist.				0						
	3		2	Dark Brown Silty Clay, some staining of				0						
				black and gray, trace organics				0						
			4	- gray				0						
				Brown and Gray mottled Clay, sl moist.				0						
	4		6					0						
				Brown Silty Clay, some gray stringers.				0						
	2		8					0						
								0						
			10											
				End of Boring at 10 feet.										
			12											
				Boring completed as soil vapor probe.										
			14											
			16											
			18											
			20											
			22											

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Signature	Firm
	KPRG and Associates, Inc.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
former Natural Cleaners		GP-20

Boring Drilled By: Name of crew chief (first,last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Adam/Dan Last Name: Firm: Horizon Construction	03/15/2017	03/15/2017	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		no well	Feet MSL	Feet MSL	2 inches

Local Grid Origin (estimated:) or Boring Location
State Plane N, E
SW 1/4 of SE 1/4 of Section 5, T 8 N, R 22 E
Lat Long

Local Grid Location
N E
Feet S Feet W

Facility ID	County	County Code	Civil Town / City / or Village
341140250	Milwaukee	41	Bayside

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
	4		2	Asphalt over Brown gravel base rock Dark Brown Clayey Gravel, some sand. Tan Gravel Base Rock.				1.9						
			4	-2' Brown Silty Clay, trace med sand, mod stiff, some gray stringers, sl moist.				1.6						
	5		6					5.6						
			8					0.9						
	2		10	- no stringers				1.2						
			12	End of boring at 12 feet. Boring abandoned upon completion.										
			14											
			16											
			18											
			20											
			22											

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

Signature	Firm
	KPRG and Associates, Inc.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
former Natural Cleaners		GP-21

Boring Drilled By: Name of crew chief (first,last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Adam/Dan Last Name: Firm: Horizon Construction	03/15/2017	03/15/2017	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		no well	Feet MSL	Feet MSL	2 inches

Local Grid Origin (estimated:) or Boring Location
State Plane N, E
SW 1/4 of SE 1/4 of Section 5, T 8 N, R 22 E
Lat Long

Local Grid Location
N E
Feet S Feet W

Facility ID	County	County Code	Civil Town / City / or Village
341140250	Milwaukee	41	Bayside

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
	2		2	Asphalt over Brown gravel base rock Dark Brown Clayey Gravel, some sand. Tan Gravel Base Rock.				8.9						
			4	-2' Dark Brown Silty Clay, trace med sand. Brown Silty Clay, trace med sand.										
	4		6	Brown Silt Clay, mod stiff, trace med sand, gray stringers, sl moist.				33						
			8	- fine sand and silt layer 2"				31.7						
	2		10					55						
			12	End of boring at 12 feet. Boring abandoned upon completion.										
			14											
			16											
			18											
			20											
			22											

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

Signature Firm KPRG and Associates, Inc.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
former Natural Cleaners		GP-22

Boring Drilled By: Name of crew chief (first,last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Adam/Dan Last Name: Firm: Horizon Construction	03/15/2017	03/15/2017	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		no well	Feet MSL	Feet MSL	2 inches

Local Grid Origin (estimated:) or Boring Location
State Plane N, E
SW 1/4 of SE 1/4 of Section 5, T 8 N, R 22 E
Lat Long

Local Grid Location
N E
Feet S Feet W

Facility ID	County	County Code	Civil Town / City / or Village
341140250	Milwaukee	41	Bayside

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
	3.5		2	Asphalt over Brown gravel base rock Dark Brown Clayey Gravel, some sand. Tan Gravel Base Rock.				41						
			4	Dark Brown Silty Clay, trace med sand.										
			6	- 2' Brown Silt Clay, mod stiff, trace coarse sand, gray stringers, sl moist.				49						
	5		8	- no stringers				56						
	2		10					4.1						
			12	End of boring at 12 feet. Boring abandoned upon completion.										
			14											
			16											
			18											
			20											
			22											

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

Signature	Firm
	KPRG and Associates, Inc.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
former Natural Cleaners		GP-23

Boring Drilled By: Name of crew chief (first,last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Adam/Dan Last Name: Firm: Horizon Construction	03/15/2017	03/15/2017	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		no well	Feet MSL	Feet MSL	2 inches

Local Grid Origin (estimated:) or Boring Location
State Plane N, E
SW 1/4 of SE 1/4 of Section 5, T 8 N, R 22 E
Lat Long

Local Grid Location
N E
Feet S Feet W

Facility ID	County	County Code	Civil Town / City / or Village
341140250	Milwaukee	41	Bayside

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
	2.5		2	Asphalt over Brown gravel base rock Dark Brown Clayey Gravel, some sand. Tan Gravel Base Rock.				1.2						
			4	Dark Brown Silty Clay, trace med sand.				0.8						
				-2' Brown Silty Clay, trace med sand.										
	5		6	-5' Brown Silt Clay, mod stiff, trace coarse sand, gray stringers, sl moist.				1.4						
			8					2.8						
	2		10					0.9						
			12	End of boring at 12 feet. Boring abandoned upon completion.										
			14											
			16											
			18											
			20											
			22											

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

Signature Firm KPRG and Associates, Inc.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
former Natural Cleaners		GP-24

Boring Drilled By: Name of crew chief (first,last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Adam/Dan Last Name: Firm: Horizon Construction	03/15/2017	03/15/2017	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		no well	Feet MSL	Feet MSL	2 inches

Local Grid Origin (estimated:) or Boring Location
State Plane N, E
SW 1/4 of SE 1/4 of Section 5, T 8 N, R 22 E
Lat Long

Local Grid Location
N E
Feet S Feet W

Facility ID	County	County Code	Civil Town / City / or Village
341140250	Milwaukee	41	Bayside

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			0	Asphalt over Brown gravel base rock										
			2	Dark Brown Sandy Gravel, some fines.				1.8						
	3			Tan Gravel Base Rock.										
			4	-1' Dark Brown Silty Clay, trace med sand.				0.5						
				-3' Brown Silty Clay, soft, moist										
			6	-5' Brown Silt Clay, mod stiff, trace sand and gravel, gray stringers, sl moist.				1.7						
	5		8	- silt seam				2.9						
			10											
	2			- no stringers				1.7						
			12											
				End of boring at 12 feet.										
			14	Boring abandoned upon completion.										
			16											
			18											
			20											
			22											

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

Signature	Firm
	KPRG and Associates, Inc.

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: NATURAL CLEANERS	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-1
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 12/21/2007 (m m d d y y y y)
Type of Well: Well Code MW /	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 5, T. 8 N, R. 22 ☒E ☐W	Well Installed By: Name (first, last) and Firm: TONY / ON-SITE ENVIRONMENTAL
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 12 ft.

G. Filter pack, top _____ ft. MSL or 13 ft.

H. Screen joint, top _____ ft. MSL or 15 ft.

I. Well bottom _____ ft. MSL or 25 ft.

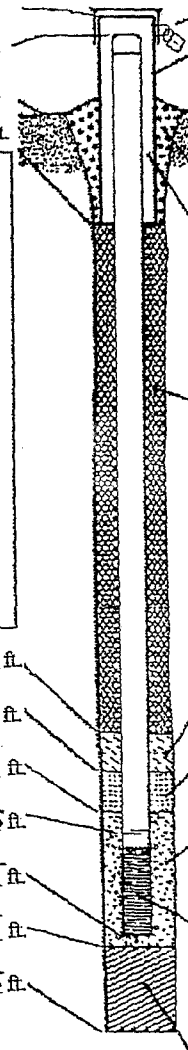
J. Filter pack, bottom _____ ft. MSL or 25 ft.

K. Borehole, bottom _____ ft. MSL or 25 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2 in.

N. I.D. well casing 2 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: _____ ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

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

Signature: [signature] Firm: KPRG AND ASSOCIATES, INC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: NATURAL CLEANERS	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-32
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 12/19/2007 (m m d d y y y y)
Type of Well: Well Code MW /	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 5, T. 8 N, R. 22 ☒E ☐W	Well Installed By: Name (first, last) and Firm: TONY ON-SITE ENVIRONMENTAL
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 12 ft.

G. Filter pack, top _____ ft. MSL or 13 ft.

H. Screen joint, top _____ ft. MSL or 15 ft.

I. Well bottom _____ ft. MSL or 25 ft.

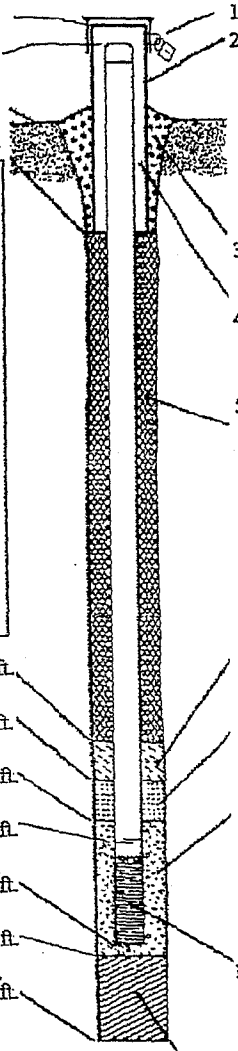
J. Filter pack, bottom _____ ft. MSL or 25 ft.

K. Borehole, bottom _____ ft. MSL or 25 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2 in.

N. I.D. well casing 2 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 7 ft.
c. Material: Steel ☒ 04 Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☒ 30 Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐ _____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: _____ ft.

11. Backfill material (below filter pack): None ☒ 14 Other ☐ _____

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

Signature: [signature] Firm: KPRG AND ASSOCIATES, INC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

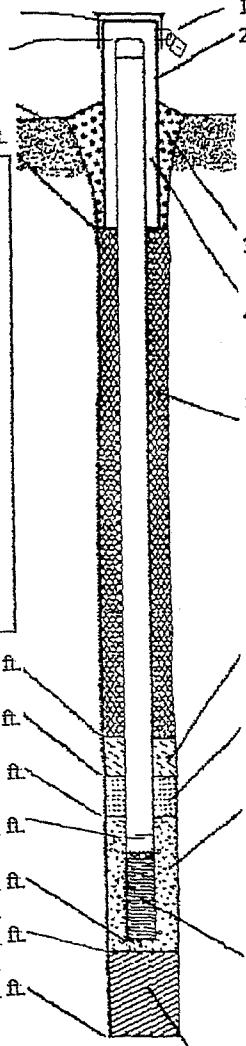
State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: NATURAL CLEANERS	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-2D
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 12/12/2007 (m m d d y y y y)
Type of Well: Well Code MW /	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 5, T. 8 N, R. 22 ☒E ☐W	Well Installed By: Name (first, last) and Firm: TONY, ON-SITE ENVIRONMENTAL
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number



A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ _____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required): _____

E. Bentonite seal, top _____ ft. MSL or 1 ft.
F. Fine sand, top _____ ft. MSL or 37 ft.
G. Filter pack, top _____ ft. MSL or 38 ft.
H. Screen joint, top _____ ft. MSL or 46 ft.
I. Well bottom _____ ft. MSL or 45 ft.
J. Filter pack, bottom _____ ft. MSL or 45 ft.
K. Borehole, bottom _____ ft. MSL or 45 ft.
L. Borehole, diameter 8 in.
M. O.D. well casing 2 in.
N. I.D. well casing 2 in.

1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: _____ ft.
11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

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

Signature _____ Firm: KPRG AND ASSOCIATES, INC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

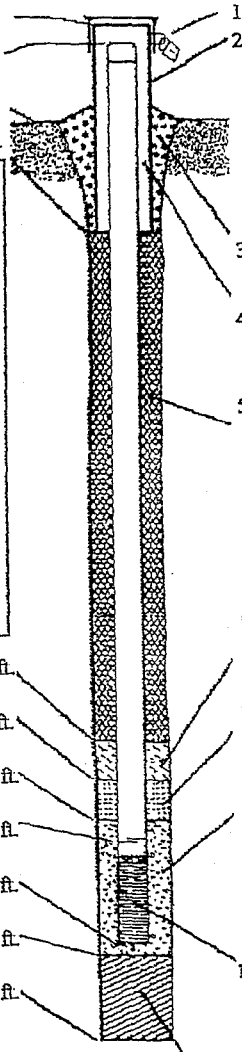
State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: NATURAL CLEANERS	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-3	
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.	DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 12/19/2007 (m m d d y y y y)	
Type of Well: Well Code MW /	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 5, T. 8 N, R. 22 ☒E ☐W	Well Installed By: Name (first, last) and Firm: TONY ON-SITE ENVIRONMENTAL	
Distance from Waste/Source _____ ft.	Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number



A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
_____ Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.
F. Fine sand, top _____ ft. MSL or 12 ft.
G. Filter pack, top _____ ft. MSL or 13 ft.
H. Screen joint, top _____ ft. MSL or 15 ft.
I. Well bottom _____ ft. MSL or 25 ft.
J. Filter pack, bottom _____ ft. MSL or 25 ft.
K. Borehole, bottom _____ ft. MSL or 25 ft.
L. Borehole, diameter 8 in.
M. O.D. well casing 2 in.
N. I.D. well casing 2 in.

1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: _____ Steel ☒ 04 Other ☐
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: _____ Bentonite ☐ 30 Concrete ☒ 01 Other ☐
4. Material between well casing and protective pipe: _____ Bentonite ☒ 30 Other ☐
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24
_____ Other ☐
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01
_____ Other ☐
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: _____ ft.
11. Backfill material (below filter pack): _____ None ☒ 14 Other ☐

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

Signature [signature] Firm KPRG AND ASSOCIATES, INC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Former Natural Cleaners	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: MW-3D
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 341140250	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 03/15/2017 (m m / d d / y y y y)
Type of Well: Well Code 11 / mw	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 5, T. 8 N, R. 22 ☒ E ☐ W	Well Installed By: Name (first, last) and Firm: A. Sweet / Horizon Drilling
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☐ 41 / Other ☒ (Geoprobe/HSA)

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 43 ft.

G. Filter pack, top _____ ft. MSL or 43 ft.

H. Screen joint, top _____ ft. MSL or 45 ft.

I. Well bottom _____ ft. MSL or 50 ft.

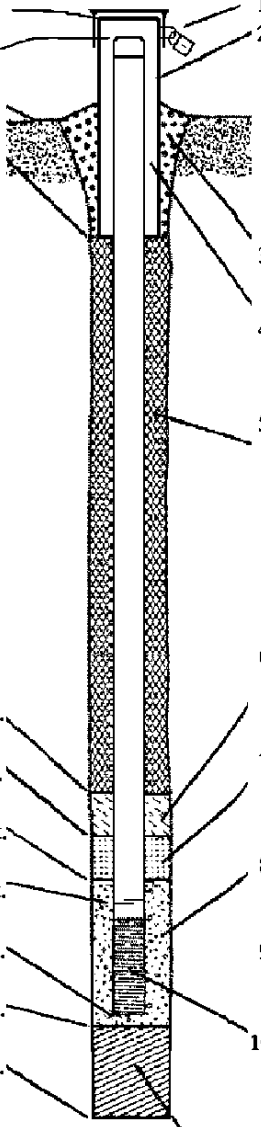
J. Filter pack, bottom _____ ft. MSL or 50 ft.

K. Borehole, bottom _____ ft. MSL or 50 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing _____ in.

N. I.D. well casing 2.0 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 12 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____

10. Screen material: _____
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 5 ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

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

Signature	Firm
	KPRG and Associates, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
former Natural Cleaners	Milwaukee	MW-3D

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_ _ _ _ _ _	_ _ _

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐ _ _

3. Time spent developing well __ __ 80 __ min.

4. Depth of well (from top of well casisng) __ 50.3 __ . __ 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 __ __ 2 . 5 gal.

8. Volume of water added (if any) __ __ 0 . __ gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☒ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. __ 46.1 . __ __ ft.	50.3 __ . __ __ ft.
Date	b. 05 / 11 / 2017 (m m d d y y y y)	05 / 11 / 2017 (m m d d y y y y)
Time	c. 12 : 45 ☐ a.m. ☐ p.m.	14 : 05 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	__ 0 . __ inches	__ 0 . __ inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☒ 20 Turbid ☐ 25 (Describe)
14. Total suspended solids	__ __ __ __ . __ mg/l	__ __ __ __ . __ mg/l
15. COD	__ __ __ __ . __ mg/l	__ __ __ __ . __ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Patrick Last Name: Allenstein
Firm: KPRG and Associates, Inc.

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: former Natural Cleaners
Street: 8828 Port Washington Road
City/State/Zip: Bayside, WI

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: _____
Print Name: Patrick Allenstein
Firm: KPRG and Associates, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

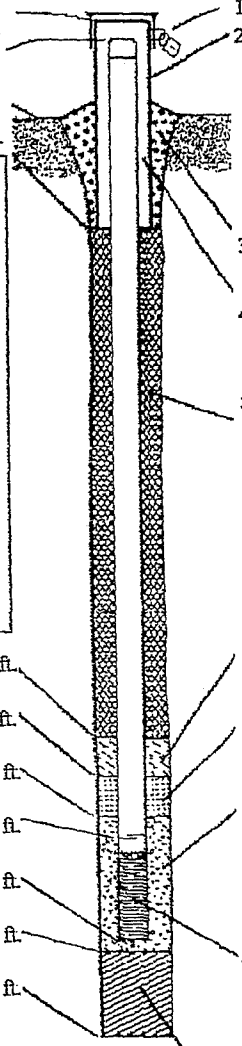
State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: NATURAL CLEANERS	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-4
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 12/20/2007 (m m d d y y y y)
Type of Well: Well Code MW /	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 5, T. 8 N, R. 22 ☒E ☐W	Well Installed By: Name (first, last) and Firm: TONY / ON-SITE ENVIRONMENTAL
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number



A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
_____ Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 12 ft.

G. Filter pack, top _____ ft. MSL or 13 ft.

H. Screen joint, top _____ ft. MSL or 15 ft.

I. Well bottom _____ ft. MSL or 25 ft.

J. Filter pack, bottom _____ ft. MSL or 25 ft.

K. Borehole, bottom _____ ft. MSL or 25 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2 in.

N. I.D. well casing 2 in.

1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04
_____ Other ☐
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30
Concrete ☒ 01
_____ Other ☐

4. Material between well casing and protective pipe:
Bentonite ☒ 30
_____ Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23
Flush threaded PVC schedule 80 ☐ 24
_____ Other ☐

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11
Continuous slot ☐ 01
_____ Other ☐
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: _____ ft.

11. Backfill material (below filter pack): None ☒ 14
_____ Other ☐

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

Signature: [signature] Firm: KPRG AND ASSOCIATES, INC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Former Natural Cleaners	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: MW-5
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 341140250	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 03/15/2017 (m m / d d / y y y y)
Type of Well: Well Code 11 / mw	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 5, T. 8 N, R. 22 ☒ E ☐ W	Well Installed By: Name (first, last) and Firm: A. Sweet / Horizon Drilling
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☐ 41 / Other ☒ Geoprobe/HSA

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 8 ft.

G. Filter pack, top _____ ft. MSL or 8 ft.

H. Screen joint, top _____ ft. MSL or 10 ft.

I. Well bottom _____ ft. MSL or 25 ft.

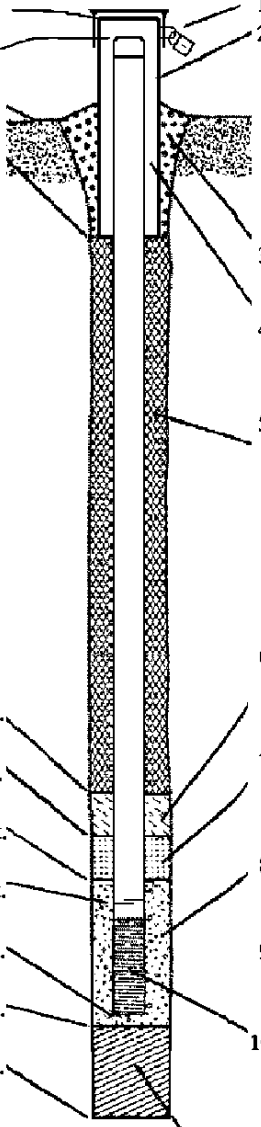
J. Filter pack, bottom _____ ft. MSL or 25 ft.

K. Borehole, bottom _____ ft. MSL or 25 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing _____ in.

N. I.D. well casing 2.0 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 12 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____

10. Screen material: _____
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 15 ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

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

Signature	Firm
	KPRG and Associates, Inc.

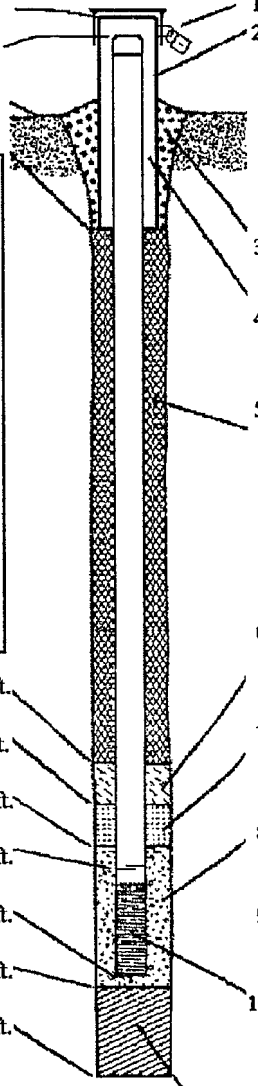
Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: FORMER NATURAL CLEANERS	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: GP-11
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 341140250	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 09/25/2013 (m m d d y y y y)
Type of Well — Well Code: MW / 11	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 5, T. 8 N, R. 22 ☒E ☐W	Well Installed By: Name (first, last) and Firm: DAN BENDORF / PROBE TECHNOLOGIES
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____



A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☐ 41
GEOPROBE Other ☒

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.
F. Fine sand, top _____ ft. MSL or 3.5 ft.
G. Filter pack, top _____ ft. MSL or 3.5 ft.
H. Screen joint, top _____ ft. MSL or 5 ft.
I. Well bottom _____ ft. MSL or 15 ft.
J. Filter pack, bottom _____ ft. MSL or 15 ft.
K. Borehole, bottom _____ ft. MSL or 16 ft.
L. Borehole, diameter 2 in.
M. O.D. well casing _____ in.
N. I.D. well casing 0.75 in.

1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. PRE-PACK
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____
10. Screen material: _____
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

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

Signature: [signature] Firm: KPRG AND ASSOCIATES, INC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

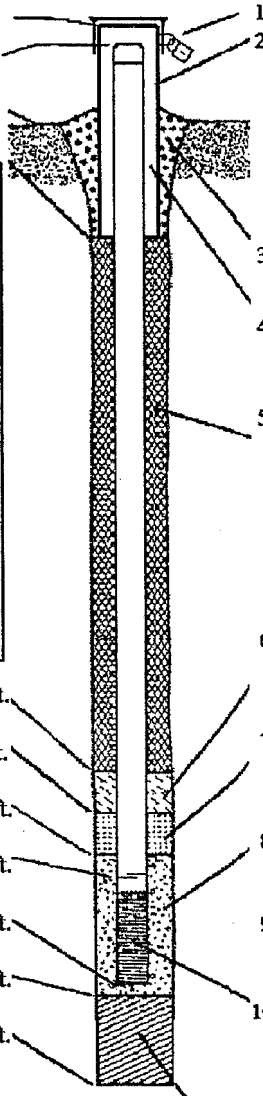
State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: FORMER NATURAL CLEANERS	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: GP-12
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 341140250	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 09/25/2013 (m m d d y y y y)
Type of Well — Well Code: MW / 11	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 5, T. 8 N, R. 22 ☒E ☐W	Well Installed By: Name (first, last) and Firm: DAN BENDORF / PROBE TECHNOLOGIES
Distance from Waste/Source _____ ft. — Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____



A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☐ 41
GEOPROBE Other ☒

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 3.5 ft.

G. Filter pack, top _____ ft. MSL or 3.5 ft.

H. Screen joint, top _____ ft. MSL or 5 ft.

I. Well bottom _____ ft. MSL or 15 ft.

J. Filter pack, bottom _____ ft. MSL or 15 ft.

K. Borehole, bottom _____ ft. MSL or 15 ft.

L. Borehole, diameter 2 in.

M. O.D. well casing _____ in.

N. I.D. well casing 0.75 in.

1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 Other ☐
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐
_____

4. Material between well casing and protective pipe: Bentonite ☒ 30 Other ☐
_____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐
_____

10. Screen material: _____
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐
_____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14 Other ☐
_____

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

Signature _____ Firm KPRG AND ASSOCIATES, INC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: FORMER NATURAL CLEANERS	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: GP-13
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 341140250	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 09/25/2013 (m m d d y y y y)
Type of Well — Well Code: MW / 11	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 5 T. 8 N, R. 22 ☒E ☐W	Well Installed By: Name (first, last) and Firm: DAN BENDORF / PROBE TECHNOLOGIES
Distance from Waste/Source _____ ft. — Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or ___1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

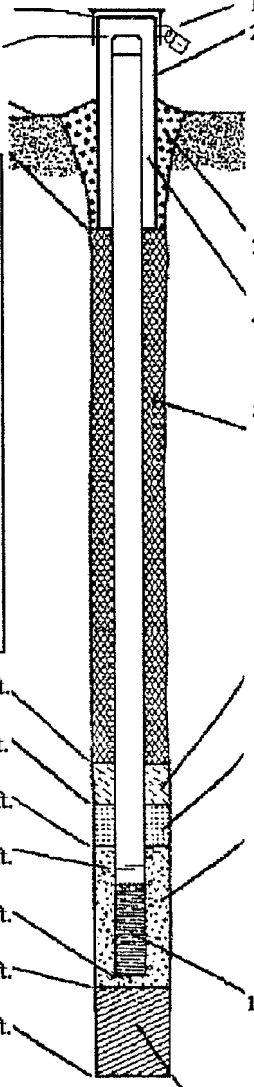
14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☐ 41
GEOPROBE Other ☒

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or ____1 ft.
F. Fine sand, top _____ ft. MSL or ___3.5 ft.
G. Filter pack, top _____ ft. MSL or ___3.5 ft.
H. Screen joint, top _____ ft. MSL or ____5 ft.
I. Well bottom _____ ft. MSL or ___15 ft.
J. Filter pack, bottom _____ ft. MSL or ___15 ft.
K. Borehole, bottom _____ ft. MSL or ___15 ft.
L. Borehole, diameter ___2 in.
M. O.D. well casing ____ in.
N. I.D. well casing _0.75 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: __8 in.
b. Length: __1 ft.
c. Material: Steel ☒ 04 Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30 Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐ _____
10. Screen material: _____
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: __10 ft.
11. Backfill material (below filter pack): None ☒ 14 Other ☐ _____

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

Signature _____ Firm: KPRG AND ASSOCIATES, INC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: FORMER NATURAL CLEANERS	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: GP-16
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 341140250	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 09/25/2013 (m m d d y y y y)
Type of Well — Well Code: MW / 11	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 5, T. 8 N, R. 22 ☒E ☐W	Well Installed By: Name (first, last) and Firm: DAN BENDORF / PROBE TECHNOLOGIES
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☐ 41 / Other ☒ GEOPROBE

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.
F. Fine sand, top _____ ft. MSL or 3.5 ft.
G. Filter pack, top _____ ft. MSL or 3.5 ft.
H. Screen joint, top _____ ft. MSL or 5 ft.
I. Well bottom _____ ft. MSL or 15 ft.
J. Filter pack, bottom _____ ft. MSL or 15 ft.
K. Borehole, bottom _____ ft. MSL or 16 ft.
L. Borehole, diameter 2 in.
M. O.D. well casing _____ in.
N. I.D. well casing 0.75 in.

1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____
10. Screen material: _____
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

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

Signature _____ Firm KPRG AND ASSOCIATES, INC

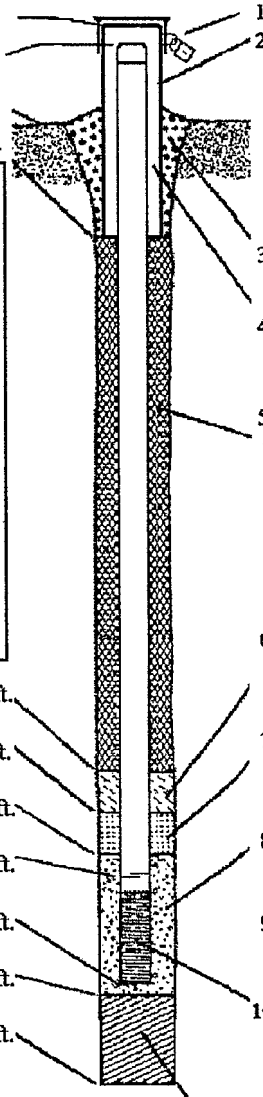
Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: FORMER NATURAL CLEANERS	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: GP-17
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 341140250	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 09/25/2013 (m m d d y y y y)
Type of Well — Well Code: MW / 11	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 5 T. 8 N, R. 22 ☒E ☐W	Well Installed By: Name (first, last) and Firm: DAN BENDORF / PROBE TECHNOLOGIES
Distance from Waste/Source _____ ft. — Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____



A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☐ 41 / Other ☒ GEOPROBE

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.
F. Fine sand, top _____ ft. MSL or 3.5 ft.
G. Filter pack, top _____ ft. MSL or 3.5 ft.
H. Screen joint, top _____ ft. MSL or 5 ft.
I. Well bottom _____ ft. MSL or 15 ft.
J. Filter pack, bottom _____ ft. MSL or 15 ft.
K. Borehole, bottom _____ ft. MSL or 15 ft.
L. Borehole, diameter 2 in.
M. O.D. well casing _____ in.
N. I.D. well casing 0.75 in.

1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____
10. Screen material: _____
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

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

Signature _____ Firm: KPRG AND ASSOCIATES, INC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

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

Facility/Project Name	County Name	Well Name
former Natural Cleaners	Milwaukee	MW-5

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_ _ _ _ _ _	_ _ _

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐ _ _

3. Time spent developing well __60__ min.

4. Depth of well (from top of well casisng) __25.2__ 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 __5.0__ gal.

8. Volume of water added (if any) __0.__ gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☒ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. __10.2__.__ ft.	__25.2__.__ ft.
Date	b. 05/11/2017 (m m d d y y y y)	05/11/2017 (m m d d y y y y)
Time	c. 13:45 ☐ a.m. ☐ p.m.	14:45 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	__0.__ inches	__0.__ inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☒ 20 Turbid ☐ 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	_ _ _ _.__ mg/l	_ _ _ _.__ mg/l
15. COD	_ _ _ _.__ mg/l	_ _ _ _.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Patrick Last Name: Allenstein
Firm: KPRG and Associates, Inc.

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: former Natural Cleaners
Street: 8828 Port Washington Road
City/State/Zip: Bayside, WI

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: _____
Print Name: Patrick Allenstein
Firm: KPRG and Associates, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

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

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

1. General Information

WI Unique Well No. ___ ___ ___ ___ ___ | DNR Well ID No. | County: MILWAUKEE

Common Well Name: GP-1 | Gov't Lot # (if applicable)

¼ / ¼: SW | ¼: SE | Section: 5 | Township: 8 N | Range: 22 ☒ E ☐ W

Grid Location: Feet ☐ N ☐ S | Feet ☐ E ☐ W | ☐ Local Grid Origin ☐ (estimated) OR ☐ Well Location

Latitude: DEG MIN SEC N | Longitude: DEG MIN SEC W

Reason For Abandonment: SOIL BORING | WI Unique Well No. of Replacement We: ___ ___ ___ ___ ___

2. Facility / Owner Information

Facility Name: NATURAL CLEANERS

Facility ID: — | License/Permit/Monitoring No | City, Village or Town: BAYSIDE

Street Address of ~~Well~~: 8828 N. PORT WASHINGTON ROAD

Present Well Owner | Original Well Owner

Street Address or Route of Owner

City | State | ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 11/16/06

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Groundsurface (ft.): 3 | Casing Diameter (in.): NA

Lower Drillhole Diameter (in.): 2 | Casing Depth (ft.): NA

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

If yes, to what depth (feet)? — | Depth to Water (feet): NE

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

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

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
CHIPPED BENTONITE	Surface	3		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: PROBE TECHNOLOGIES | Date of Abandonment: 11/16/06

Street or Route | Telephone Number: ( )

City | State | ZIP Code | Signature of Person Doing Work | Date Signed

DNR Use Only
Date Received | Noted By
Comments

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

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

1. General Information

WI Unique Well No. — — — — — — | DNR Well ID No. | County: MILWAUKEE

Common Well Name: GP-2 | Gov't Lot # (if applicable)

¼ / ¼: SW | ¼: SE | Section: 5 | Township: 8 N | Range: 22 ☒ E ☐ W

Grid Location: Feet ☐ N ☐ S | Feet ☐ E ☐ W | ☐ Local Grid Origin ☐ (estimated) OR ☐ Well Location

Latitude: DEG MIN SEC N | Longitude: DEG MIN SEC W

Reason For Abandonment: SOIL BORING | WI Unique Well No. of Replacement We: — — — — — —

2. Facility / Owner Information

Facility Name: NATURAL CLEANERS

Facility ID: — | License/Permit/Monitoring No | City, Village or Town: BAYSIDE

Street Address of ~~Well~~: 8828 N. PORT WASHINGTON ROAD

Present Well Owner | Original Well Owner

Street Address or Route of Owner

City | State | ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 11/16/06

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Groundsurface (ft.): 3 | Casing Diameter (in.): NA

Lower Drillhole Diameter (in.): 2 | Casing Depth (ft.): NA

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

If yes, to what depth (feet)? — | Depth to Water (feet): NE

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " ".
☐ Concrete ☐ Bentonite Chips

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

5. Material Used To Fill Well / Drillhole

Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
CHIPPED BENTONITE	Surface	3		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: PROBE TECHNOLOGIES | Date of Abandonment: 11/16/06

Street or Route | Telephone Number: ( )

City | State | ZIP Code | Signature of Person Doing Work | Date Signed

DNR Use Only
Date Received | Noted By
Comments

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

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

1. General Information

WI Unique Well No. _____ | DNR Well ID No. | County: MILWAUKEE

Common Well Name: GP-3 | Gov't Lot # (if applicable)

¼ / ¼: SW | ¼: SE | Section: 5 | Township: 8 N | Range: 22 ☒ E ☐ W

Grid Location: Feet ☐ N ☐ S | Feet ☐ E ☐ W | ☐ Local Grid Origin ☐ (estimated) OR ☐ Well Location

Latitude: DEG MIN SEC N | Longitude: DEG MIN SEC W

Reason For Abandonment: Soil Boring | WI Unique Well No. of Replacement We: _____

2. Facility / Owner Information

Facility Name: NATURAL CLEANERS

Facility ID: — | License/Permit/Monitoring No | City, Village or Town: BAYSIDE

Street Address of ~~Well~~: 8828 N. PORT WASHINGTON ROAD

Present Well Owner | Original Well Owner

Street Address or Route of Owner

City | State | ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 11/16/06

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Groundsurface (ft.): 15 | Casing Diameter (in.): NA

Lower Drillhole Diameter (in.): 2 | Casing Depth (ft.): NA

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

If yes, to what depth (feet)? — | Depth to Water (feet): NE

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

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

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
CHIPPED BENTONITE	Surface	15		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: PROBE TECHNOLOGIES | Date of Abandonment: 11/16/06

Street or Route | Telephone Number: ( )

City | State | ZIP Code | Signature of Person Doing Work | Date Signed

DNR Use Only
Date Received | Noted By
Comments

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

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

1. General Information

WI Unique Well No. _____ | DNR Well ID No. | County: MILWAUKEE

Common Well Name: GP-4 | Gov't Lot # (if applicable)

¼ / ¼: SW | ¼: SE | Section: 5 | Township: 8 N | Range: 22 ☒ E ☐ W

Grid Location: Feet ☐ N ☐ S | Feet ☐ E ☐ W | ☐ Local Grid Origin ☐ (estimated) OR ☐ Well Location

Latitude: DEG MIN SEC N | Longitude: DEG MIN SEC W

Reason For Abandonment: SOIL BORING | WI Unique Well No. of Replacement We: _____

2. Facility / Owner Information

Facility Name: NATURAL CLEANERS

Facility ID: — | License/Permit/Monitoring No | City, Village or Town: BAYSIDE

Street Address of ~~Well~~: 8828 N. PORT WASHINGTON ROAD

Present Well Owner | Original Well Owner

Street Address or Route of Owner

City | State | ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 11/16/06

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Groundsurface (ft.): 15 | Casing Diameter (in.): NA

Lower Drillhole Diameter (in.): 2 | Casing Depth (ft.): NA

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

If yes, to what depth (feet)? — | Depth to Water (feet): NE

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

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

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
CHIPPED BENTONITE	Surface	15		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: PROBE TECHNOLOGIES | Date of Abandonment: 11/16/06

Street or Route | Telephone Number: ( )

City | State | ZIP Code | Signature of Person Doing Work | Date Signed

DNR Use Only
Date Received | Noted By
Comments

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

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

1. General Information

WI Unique Well No. _____ | DNR Well ID No. | County: MILWAUKEE

Common ~~Well~~ Name: GP-5 | Gov't Lot # (if applicable)

¼ / ¼: SW | ¼: SE | Section: 5 | Township: 8 N | Range: 22 ☒ E ☐ W

Grid Location: Feet ☐ N ☐ S Feet ☐ E ☐ W ☐ Local Grid Origin ☐ (estimated) OR ☐ Well Location

Latitude: DEG MIN SEC N | Longitude: DEG MIN SEC W

Reason For Abandonment: SOIL BORING | WI Unique Well No. of Replacement We: _____

2. Facility / Owner Information

Facility Name: NATURAL CLEANERS

Facility ID | License/Permit/Monitoring No | City, Village or Town: BAYSIDE

Street Address of ~~Well~~: 8828 N. PORT WASHINGTON RD.

Present Well Owner | Original Well Owner

Street Address or Route of Owner

City | State | ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 12/20/07

If a Well Construction Report is available, please attach.

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

Formation Type:
☐ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Groundsurface (ft.): 15 | Casing Diameter (in.): NA

Lower Drillhole Diameter (in.): 2 | Casing Depth (ft.): NA

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

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

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

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

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
ASPHALT	Surface	0.5		
CHIPPED BENTONITE	0.5	15		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: ON-SITE ENVIRONMENTAL | Date of Abandonment: 12/20/07

Street or Route | Telephone Number: ( )

City | State | ZIP Code | Signature of Person Doing Work: TONY | Date Signed

DNR Use Only

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

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

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

1. General Information

WI Unique Well No.	DNR Well ID No.	County
_ _ _ _ _ _		MILWAUKEE

Common ~~Well~~ Name: GP-6
Gov't Lot # (if applicable):

¼ / ¼	¼	Section	Township	Range
SW	SE	5	8 N	22 ☒ E ☐ W

Grid Location: Feet ☐ N ☐ S Feet ☐ E ☐ W ☐ Local Grid Origin ☐ (estimated) OR ☐ Well Location

Latitude: DEG MIN SEC N Longitude: DEG MIN SEC W

Reason For Abandonment: SOIL BORING
WI Unique Well No. of Replacement Well: _ _ _ _ _ _

2. Facility / Owner Information

Facility Name: NATURAL CLEANERS
Facility ID | License/Permit/Monitoring No | City, Village or Town: BAYSIDE
Street Address of ~~Well~~: 8828 N. PORT WASHINGTON RD.
Present Well Owner | Original Well Owner
Street Address or Route of Owner
City | State | ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 12/20/07
If a Well Construction Report is available, please attach.

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

Formation Type:
☐ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Groundsurface (ft.)	Casing Diameter (in.)
15	NA
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	NA

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

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

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

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

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
ASPHALT	Surface	¢.5		
CHIPPED BENTONITE	¢.5	15		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: ON-SITE ENVIRONMENTAL
Date of Abandonment: 12/20/07
Street or Route
Telephone Number: ( )
City | State | ZIP Code
Signature of Person Doing Work: TONY
Date Signed

DNR Use Only
Date Received | Noted By
Comments

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

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

1. General Information

WI Unique Well No. _____ | DNR Well ID No. | County: MILWAUKEE

Common ~~Well~~ Name: GP-7 | Gov't Lot # (if applicable)

¼ / ¼: SW | ¼: SE | Section: 5 | Township: 8 N | Range: 22 ☒ E ☐ W

Grid Location: Feet ☐ N ☐ S | Feet ☐ E ☐ W | ☐ Local Grid Origin ☐ (estimated) OR ☐ Well Location

Latitude: DEG MIN SEC N | Longitude: DEG MIN SEC W

Reason For Abandonment: SOIL BORING | WI Unique Well No. of Replacement We: _____

2. Facility / Owner Information

Facility Name: NATURAL CLEANERS

Facility ID | License/Permit/Monitoring Nd | City, Village or Town: BAYSIDE

Street Address of ~~Well~~: 8828 N. PORT WASHINGTON RD.

Present Well Owner | Original Well Owner

Street Address or Route of Owner

City | State | ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 12/20/07

If a Well Construction Report is available, please attach.

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

Formation Type:
☐ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Groundsurface (ft.): 4 | Casing Diameter (in.): NA

Lower Drillhole Diameter (in.): 2 | Casing Depth (ft.): NA

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

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

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

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

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
CONCRETE	Surface	0.5		
CHIPPED BENTONITE	0.5	4		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: ON-SITE ENVIRONMENTAL | Date of Abandonment: 12/20/07

Street or Route | Telephone Number: ( )

City | State | ZIP Code | Signature of Person Doing Work: TONY | Date Signed

DNR Use Only

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

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

1. General Information

WI Unique Well No. _____ | DNR Well ID No. | County: MILWAUKEE

Common ~~Well~~ Name: GP-8 | Gov't Lot # (if applicable)

¼ / ¼: SW | ¼: SE | Section: 5 | Township: 8 N | Range: 22 ☒ E ☐ W

Grid Location: Feet ☐ N ☐ S Feet ☐ E ☐ W ☐ Local Grid Origin ☐ (estimated) OR ☐ Well Location

Latitude: DEG MIN SEC N | Longitude: DEG MIN SEC W

Reason For Abandonment: SOIL BORING | WI Unique Well No. of Replacement We: _____

2. Facility / Owner Information

Facility Name: NATURAL CLEANERS

Facility ID | License/Permit/Monitoring No | City, Village or Town: BAYSIDE

Street Address of ~~Well~~: 8828 N. PORT WASHINGTON RD.

Present Well Owner | Original Well Owner

Street Address or Route of Owner

City | State | ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 12/20/07

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Groundsurface (ft.): 3.5 | Casing Diameter (in.): NA

Lower Drillhole Diameter (in.): 2 | Casing Depth (ft.): NA

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

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

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

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

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
CONCRETE	Surface	0.5		
CHIPPED BENTONITE	0.5	3.5		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: ON-SITE ENVIRONMENTAL | Date of Abandonment: 12/20/07

Street or Route | Telephone Number: ( )

City | State | ZIP Code | Signature of Person Doing Work: TONY | Date Signed

DNR Use Only

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921

Well / Drillhole / Borehole Abandonment

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

1. General Information

WI Unique Well No. — — — — — | DNR Well ID No. | County: MILWAUKEE

Common ~~Well~~ Name: GP-9 | Gov't Lot # (if applicable)

¼ / ¼: SW / SE | Section: 5 | Township: 8 N | Range: 22 ☒ E ☐ W

Grid Location: Feet ☐ N ☐ S Feet ☐ E ☐ W ☐ Local Grid Origin ☐ (estimated) OR ☐ Well Location

Latitude: DEG MIN SEC N | Longitude: DEG MIN SEC W

Reason For Abandonment: SOIL BORING | WI Unique Well No. of Replacement We: — — — — —

2. Facility / Owner Information

Facility Name: NATURAL CLEANERS

Facility ID | License/Permit/Monitoring No | City, Village or Town: BAYSIDE

Street Address of ~~Well~~: 8828 N. PORT WASHINGTON RD.

Present Well Owner | Original Well Owner

Street Address or Route of Owner

City | State | ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 12/20/07

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Groundsurface (ft.): 3 | Casing Diameter (in.): NA

Lower Drillhole Diameter (in.): 2 | Casing Depth (ft.): NA

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

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

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

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

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
CONRETE	Surface	¢.5		
CHIPPED BENTONITE	¢.5	3		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: ON-SITE ENVIRONMENTAL | Date of Abandonment: 12/20/07

Street or Route | Telephone Number: ( )

City | State | ZIP Code | Signature of Person Doing Work: TONY | Date Signed

DNR Use Only

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921

Well / Drillhole / Borehole Abandonment

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

1. General Information

WI Unique Well No.: __ __ __ __ __
DNR Well ID No.:
County: Milwaukee
Common Boring Name: GP-14
Gov't Lot # (if applicable):
¼ / ¼: SW
¼: SE
Section: 5
Township: 8 N
Range: 22 ☒ E ☐ W
Grid Location
Feet ☐ N ☐ S
Feet ☐ E ☐ W
☐ Local Grid Origin ☐ (estimated) OR ☐ Well Location
Latitude: DEG MIN SEC N
Longitude: DEG MIN SEC W
Reason For Abandonment: Soil Boring Only
WI Unique Well No. of Replacement We: __ __ __ __ __

2. Facility / Owner Information

Facility Name: Former Natural Cleaners
Facility ID:
License/Permit/Monitoring No:
City, Village or Town: Bayside
Street Address of Boring: 8828 North Port Washington Road
Present Well Owner:
Original Well Owner:
Street Address or Route of Owner:
City:
State:
ZIP Code:

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole
Original Construction Date: 09/25/2013
If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.): 12.0
Casing Diameter (in.): NA
Lower Drillhole Diameter (in.): 2.0
Casing Depth (ft.): NA

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown
If yes, to what depth (feet)?
Depth to Water (feet)

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

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

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

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Bentonite-Sand Slurry " "
☐ Bentonite Chips

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

5. Material Used To Fill Well / Drillhole

Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Chipped bentonite	Surface	12.0		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: PROBE Technologies
Date of Abandonment: 09/25/2013
Street or Route:
Telephone Number: ( )
City: Palmyra
State: WI
ZIP Code:
Signature of Person Doing Work:
Date Signed:

DNR Use Only
Date Received:
Noted By:
Comments:

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921

Well / Drillhole / Borehole Abandonment

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

1. General Information

WI Unique Well No.: __ __ __ __ __
DNR Well ID No.:
County: Milwaukee
Common Boring Name: GP-15
Gov't Lot # (if applicable):
¼ / ¼: SW
¼: SE
Section: 5
Township: 8 N
Range: 22 ☒ E ☐ W
Grid Location
Feet ☐ N ☐ S
Feet ☐ E ☐ W
☐ Local Grid Origin ☐ (estimated) OR ☐ Well Location
Latitude: DEG MIN SEC N
Longitude: DEG MIN SEC W
Reason For Abandonment: Soil Boring Only
WI Unique Well No. of Replacement We: __ __ __ __ __

2. Facility / Owner Information

Facility Name: Former Natural Cleaners
Facility ID:
License/Permit/Monitoring No:
City, Village or Town: Bayside
Street Address of Boring: 8828 North Port Washington Road
Present Well Owner:
Original Well Owner:
Street Address or Route of Owner:
City:
State:
ZIP Code:

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole
Original Construction Date: 09/25/2013
If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.): 12.0
Casing Diameter (in.): NA
Lower Drillhole Diameter (in.): 2.0
Casing Depth (ft.): NA

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown
If yes, to what depth (feet)?
Depth to Water (feet)

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

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

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

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Bentonite-Sand Slurry " "
☐ Bentonite Chips

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

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Chipped bentonite	Surface	12.0		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: PROBE Technologies
Date of Abandonment: 09/25/2013
Street or Route:
Telephone Number: ( )
City: Palmyra
State: WI
ZIP Code:
Signature of Person Doing Work:
Date Signed:

DNR Use Only
Date Received:
Noted By:
Comments:

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921

Well / Drillhole / Borehole Abandonment

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

1. General Information

WI Unique Well No.: __ __ __ __ __
DNR Well ID No.:
County: Milwaukee
Common Boring Name: GP-20
Gov't Lot # (if applicable):
¼ / ¼: SW ¼: SE Section: 5 Township: 8 N Range: 22 ☒ E ☐ W
Grid Location: Feet ☐ N ☐ S Feet ☐ E ☐ W ☐ Local Grid Origin ☐ (estimated) OR ☐ Well Location
Latitude: DEG MIN SEC N Longitude: DEG MIN SEC W
Reason For Abandonment: Soil Boring Only
WI Unique Well No. of Replacement We: __ __ __ __ __

2. Facility / Owner Information

Facility Name: Former Natural Cleaners
Facility ID:
License/Permit/Monitoring No:
City, Village or Town: Bayside
Street Address of Boring: 8828 North Port Washington Road
Present Well Owner:
Original Well Owner:
Street Address or Route of Owner:
City:
State:
ZIP Code:

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 03/15/2017
If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.): 12.0
Casing Diameter (in.): NA
Lower Drillhole Diameter (in.): 2.0
Casing Depth (ft.): NA

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown
If yes, to what depth (feet)?
Depth to Water (feet)

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

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

5. Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Asphalt Patch	Surface	0.5		
Chipped bentonite	0.5	12.0		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: Horizon Drilling
Date of Abandonment: 03/15/2017
Street or Route: 764 Tower Drive
Telephone Number: ( )
City: Fredonia
State: WI
ZIP Code: 53021
Signature of Person Doing Work: Adam Sweet
Date Signed:

DNR Use Only
Date Received:
Noted By:
Comments:

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

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

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

1. General Information

WI Unique Well No.: ___ ___ ___ ___ ___
DNR Well ID No.:
County: Milwaukee
Common Boring Name: GP-21
Gov't Lot # (if applicable):
¼ / ¼: SW ¼: SE Section: 5 Township: 8 N Range: 22 ☒ E ☐ W
Grid Location: Feet ☐ N ☐ S Feet ☐ E ☐ W ☐ Local Grid Origin ☐ (estimated) OR ☐ Well Location
Latitude: DEG MIN SEC N Longitude: DEG MIN SEC W
Reason For Abandonment: Soil Boring Only
WI Unique Well No. of Replacement We: ___ ___ ___ ___ ___

2. Facility / Owner Information

Facility Name: Former Natural Cleaners
Facility ID:
License/Permit/Monitoring No:
City, Village or Town: Bayside
Street Address of Boring: 8828 North Port Washington Road
Present Well Owner:
Original Well Owner:
Street Address or Route of Owner:
City:
State:
ZIP Code:

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 03/15/2017
If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.): 12.0
Casing Diameter (in.): NA
Lower Drillhole Diameter (in.): 2.0
Casing Depth (ft.): NA

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown
If yes, to what depth (feet)?
Depth to Water (feet)

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

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

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Asphalt Patch	Surface	0.5		
Chipped bentonite	0.5	12.0		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: Horizon Drilling
Date of Abandonment: 03/15/2017
Street or Route: 764 Tower Drive
Telephone Number: ( )
City: Fredonia
State: WI
ZIP Code: 53021
Signature of Person Doing Work: Adam Sweet
Date Signed:

DNR Use Only
Date Received:
Noted By:
Comments:

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

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

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

1. General Information

WI Unique Well No.: ___ ___ ___ ___ ___
DNR Well ID No.:
County: Milwaukee
Common Boring Name: GP-22
Gov't Lot # (if applicable):
¼ / ¼: SW ¼: SE Section: 5 Township: 8 N Range: 22 ☒ E ☐ W
Grid Location: Feet ☐ N ☐ S Feet ☐ E ☐ W ☐ Local Grid Origin ☐ (estimated) OR ☐ Well Location
Latitude: DEG MIN SEC N Longitude: DEG MIN SEC W
Reason For Abandonment: Soil Boring Only
WI Unique Well No. of Replacement We: ___ ___ ___ ___ ___

2. Facility / Owner Information

Facility Name: Former Natural Cleaners
Facility ID:
License/Permit/Monitoring No:
City, Village or Town: Bayside
Street Address of Boring: 8828 North Port Washington Road
Present Well Owner:
Original Well Owner:
Street Address or Route of Owner:
City:
State:
ZIP Code:

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 03/15/2017
If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.): 12.0
Casing Diameter (in.): NA
Lower Drillhole Diameter (in.): 2.0
Casing Depth (ft.): NA

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

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

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

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

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Asphalt Patch	Surface	0.5		
Chipped bentonite	0.5	12.0		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: Horizon Drilling
Date of Abandonment: 03/15/2017
Street or Route: 764 Tower Drive
Telephone Number: ( )
City: Fredonia
State: WI
ZIP Code: 53021
Signature of Person Doing Work: Adam Sweet
Date Signed:

DNR Use Only
Date Received:
Noted By:
Comments:

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

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

1. General Information

WI Unique Well No.: ___ ___ ___ ___ ___
DNR Well ID No.:
County: Milwaukee
Common Boring Name: GP-23
Gov't Lot # (if applicable):
¼ / ¼: SW ¼: SE Section: 5 Township: 8 N Range: 22 ☒ E ☐ W
Grid Location: Feet ☐ N ☐ S Feet ☐ E ☐ W ☐ Local Grid Origin ☐ (estimated) OR ☐ Well Location
Latitude: DEG MIN SEC N Longitude: DEG MIN SEC W
Reason For Abandonment: Soil Boring Only
WI Unique Well No. of Replacement We: ___ ___ ___ ___ ___

2. Facility / Owner Information

Facility Name: Former Natural Cleaners
Facility ID:
License/Permit/Monitoring No:
City, Village or Town: Bayside
Street Address of Boring: 8828 North Port Washington Road
Present Well Owner:
Original Well Owner:
Street Address or Route of Owner:
City:
State:
ZIP Code:

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 03/15/2017
If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.): 12.0
Casing Diameter (in.): NA
Lower Drillhole Diameter (in.): 2.0
Casing Depth (ft.): NA

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

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

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

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

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Asphalt Patch	Surface	0.5		
Chipped bentonite	0.5	12.0		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: Horizon Drilling
Date of Abandonment: 03/15/2017
Street or Route: 764 Tower Drive
Telephone Number: ( )
City: Fredonia
State: WI
ZIP Code: 53021
Signature of Person Doing Work: Adam Sweet
Date Signed:

DNR Use Only
Date Received:
Noted By:
Comments:

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

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

1. General Information

WI Unique Well No.: __ __ __ __ __
DNR Well ID No.:
County: Milwaukee
Common Boring Name: GP-24
Gov't Lot # (if applicable):
¼ / ¼: SW ¼: SE Section: 5 Township: 8 N Range: 22 ☒ E ☐ W
Grid Location: Feet ☐ N ☐ S Feet ☐ E ☐ W ☐ Local Grid Origin ☐ (estimated) OR ☐ Well Location
Latitude: DEG MIN SEC N Longitude: DEG MIN SEC W
Reason For Abandonment: Soil Boring Only
WI Unique Well No. of Replacement We: __ __ __ __ __

2. Facility / Owner Information

Facility Name: Former Natural Cleaners
Facility ID:
License/Permit/Monitoring No:
City, Village or Town: Bayside
Street Address of Boring: 8828 North Port Washington Road
Present Well Owner:
Original Well Owner:
Street Address or Route of Owner:
City:
State:
ZIP Code:

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 03/15/2017
If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.): 12.0
Casing Diameter (in.): NA
Lower Drillhole Diameter (in.): 2.0
Casing Depth (ft.): NA

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown
If yes, to what depth (feet)?
Depth to Water (feet)

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

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

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Asphalt Patch	Surface	0.5		
Chipped bentonite	0.5	12.0		

6. Comments

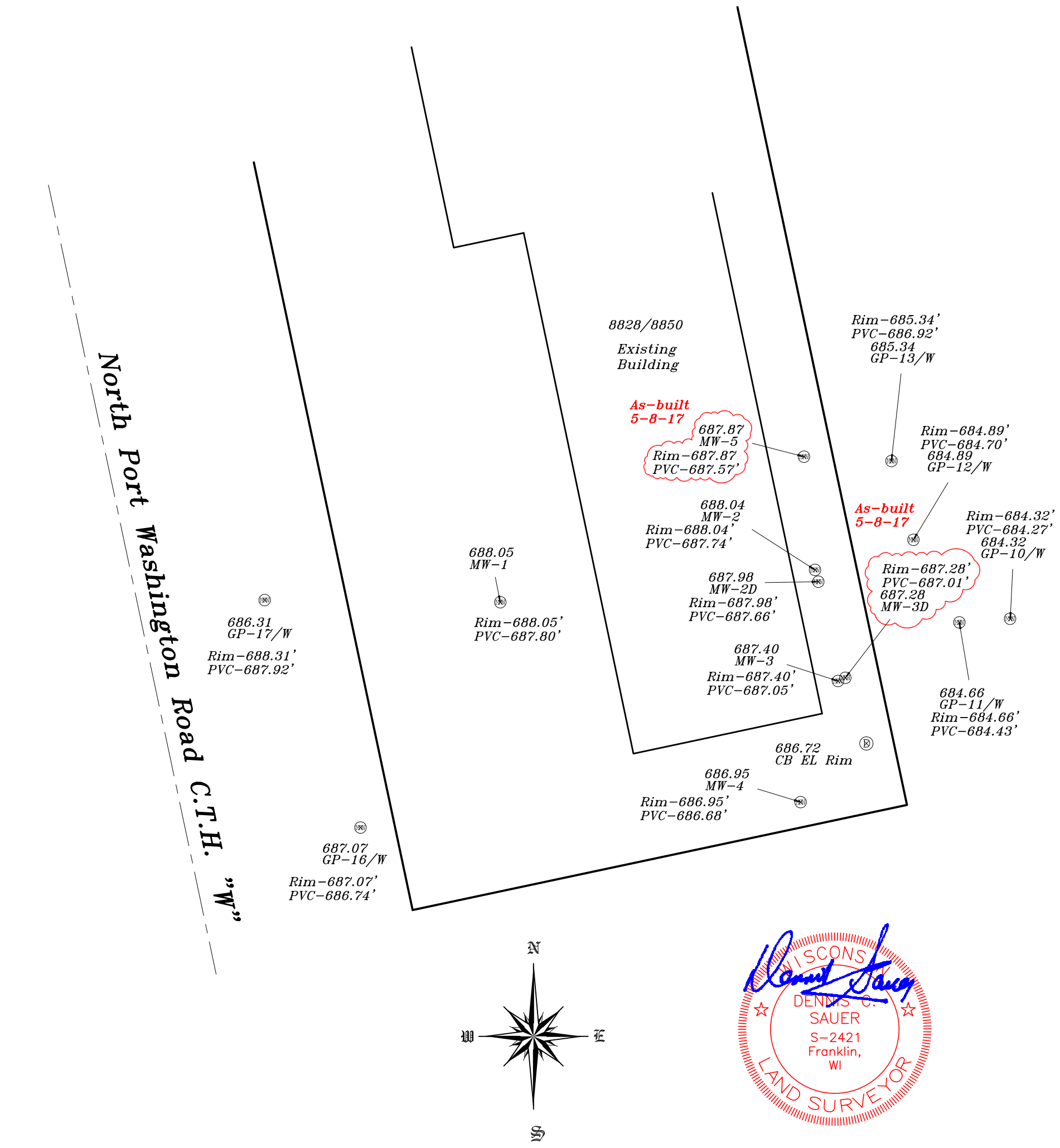
7. Supervision of Work

Name of Person or Firm Doing Sealing Work: Horizon Drilling
Date of Abandonment: 03/15/2017
Street or Route: 764 Tower Drive
Telephone Number: ( )
City: Fredonia State: WI ZIP Code: 53021
Signature of Person Doing Work: Adam Sweet
Date Signed:

DNR Use Only
Date Received:
Noted By:
Comments:

APPENDIX B

MONITORING WELL EXHIBIT



WISCONSIN
DENNIS C. SAUER
S-2421
Franklin, WI
LAND SURVEYOR

METROPOLITAN SURVEY SERVICE, INC.

REGISTERED LAND SURVEYORS AND CIVIL ENGINEERS

5800 Broad Street, Greendale, Wisconsin 53129

PH. (414) 529-5380 FAX (414) 529-9787

email address: survey@metropolitansurvey.com

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)

1 inch = 30 ft.

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