General Engineering Company P.O. Box 340 916 Silver Lake Drive Portage, WI 53901



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January 8, 2020

Ms. Josie Schultz Wisconsin Department of Natural Resources 2984 Shawano Avenue Green Bay, Wisconsin 54313

SUBJECT:

STATUS UPDATE REPORT

The Solberg Company 1520 Brookfield Avenue Village of Howard, Wisconsin GEC Project Number: 2-0919-397 BRRTS Number: 03-05-584180

Dear Ms. Schultz,

Attached is a Status Update for the Site Investigation Activity at The Solberg Company site, located at 1520 Brookfield Avenue in the Village of Howard, Wisconsin. Sincerely yours,

**GENERAL ENGINEERING COMPANY** 

Brian Youngwirth

**Environmental Project Manager** 

Beth Erdman

**Environmental Project Manager** 

c: Mr. Mitch Hubert (Perimeter Solutions)

File





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#### INTRODUCTION

#### General

This report presents a summary of the initial spill response and findings and conclusions of the initial subsurface investigation activities performed at The Solberg Company site located at 1520 Brookfield Avenue in the Village of Howard, Brown County, Wisconsin. The activities were performed at the request and authorization of Mr. Mitch Hubert, an authorized representative of Perimeter Solutions (formerly The Solberg Company).

#### Purpose

The purpose of the investigation was to perform a preliminary evaluation of the degree and extent of petroleum affected soil and/or groundwater from a surface spill that occurred as a result of a failed sump pump removing high groundwater from an oil/water separator tank system. The oil/water separator tank system subsequently failed, filled with water and a surface release of gasoline occurred.

#### Scope

The scope of the initial investigation activities included: the advancement of 3 soil borings, which were converted to NR 141 monitoring wells; collection of soil samples from the borings and groundwater samples form the monitoring wells and a sump within oil water separator tank basin; well development, surveying, laboratory analysis of selected samples; and preparation of this report. The investigation activities were structured specifically to address the presence of the gasoline associated with the oil/water separator system. The testing should not be considered an all-inclusive search for hazardous substances across the site.

#### SITE FEATURES AND BACKGROUND

#### Site Features

The subject site is an approximate 10-acre parcel (Parcel Number VH-3175) of land owned by Perimeter Solutions, LP. The property is located at 1520 Brookfield Avenue in the Village of Howard, Brown County, Wisconsin. The property is located on the east side of Brookfield Avenue, approximately ½ mile south of County Road M (Lineville Road). The property is located within the northwest ¼ of the southeast ¼ of Section 3, Township 24 North, Range 20 East. A Site Location Map is included as Figure 1 in Appendix A.

The site is currently developed with two structures including an office and warehouse on the western portion of the property, a structure utilized to perform fire suppression testing on the east central portion of the site with a small attached mechanical building just east of the testing building. An underground oil/water separator tank system is located just east of the mechanical building. A Site Plan Map is included as Figure 2, Appendix A.

With regard to the fire suppression testing building, subsequent to the fire suppression testing exercises, unused gasoline and fluids are collected in a drain that is piped below grade to the east of the building to a below grade oil/water separator system. The oil/water separator system is comprised of three underground tanks including a central 3 section oil/water tank with weirs to separate petroleum products and water, a northern product collection tank, and a southern water storage tank. The product tank is generally filled annually, and the product is removed and recycled. The water tank is pumped out by AAA Sanitation and hauled to Green Bay Metro Sewage for proper disposal.

The surface of the property is relatively flat and slopes down toward the east/southeast toward Lake Michigan, located approximately 1 mile southeast of the subject site. The surface of the site is covered primarily by grass, with asphalt and parking areas present south of the office building. An asphalt drive also extends from the parking area toward the east/northeast to the south side of the fire suppression testing building. A storm water detention

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pond is located along the southeastern end of the subject site. Overgrown vegetation is present on the far eastern portion of the subject site.

The property is bordered to the north and east by vacant land and residential properties, to the south by commercial property followed by vacant agricultural land, and to the west by Brookfield Avenue, across which are commercial and residential properties.

There does not appear to be the potential for impacts to threatened or endangered species; sensitive species, habitat, or ecosystems; wetlands; outstanding or exceptional resource waters; or sites of historical or archaeological significance. No immediate or interim actions have been taken, and none appear warranted at this GEC will identify potable wells in the relative vicinity of the Subject Site during the next quarterly groundwater monitoring round.

#### Background

On March 18, 2019 the Wisconsin Department of Natural Resources (WDNR) was notified of a spill at the Solberg Company located at 1520 Brookfield Avenue in the Village of Howard, Brown County, Wisconsin. The spill was the result of flood water from significant rain events flooding the entire eastern portion of the property, causing the sump pump used to remove high groundwater from an oil/water separator underground storage tank (UST) system backfill to fail. As the result the oil/water separator tank system subsequently failed, filled with water and released an estimated 100 gallons of gasoline through the top manway to the surface flood waters surrounding the UST system.

Valley Environmental Response (VER) responded to the spill, surrounded area impacted with gasoline around the UST system with petroleum absorbent boom and pom, and pumped the fluids remaining in the UST system into a frac tank. At that time the use of the compromised UST system was discontinued until repairs could be made.

As the result of the very wet spring, multiple UST backfill dewatering events were conducted to complete the system repairs, with water collected and containerized in on site frac tanks during each event. Final repairs to the UST system and excavation of petroleum impacted soils could not be completed until June 2019. On June 24th, the area around the UST system was dewatered into frac tanks and the final system repairs were made. In total greater than 40,000-gallons of gasoline impacted water was pumped into frac tanks and treated with carbon filters until it could be disposed of at the Green Bay Metro Sewerage District.

Subsequent to the final UST system repairs, VER conducted the excavation of gasoline impacted surface soils surrounding the UST system. On June 25th through 26th excavation of approximately 133 tons of gasoline impacted soil was conducted by VER, with soil disposed of at Waste Management's Ridgeview landfill located in Whitelaw, Wisconsin.

Under the direction of WDNR, excavated soil was field screened using a photoionization detector (PID) at greater than 40 locations to further confirm gasoline impacted soil was removed. Excavation depths ranged from 4 to 12 inches below ground surface (bgs) with the exception of where it was excavated to make the final water UST repair, where the excavation extended to approximately 3 feet. In total, 13 soil samples were collected approximately every 30 feet along the base of the excavation. Soil samples were analyzed for petroleum volatile organic compounds (PVOCs) and naphthalene. Soil sample results did not identify any residual soil exceeding Wisconsin Administrative Code (WAC) NR 720 standards.

Shallow groundwater was present at the site at approximately 16 inches bgs. As the result, as directed by WDNR, three test pits were created just outside the excavation limits on June 25th, 2019. Water samples were collected from the test pits and the UST excavation adjacent to the water tank, prior to backfill, June 26th, 2019. Water samples were analyzed for PVOC and naphthalene. Analytical results from the groundwater samples collected from the test pits did not exceed any WAC NR 140 standards. The water samples collected from the UST backfill near the water tank, contained benzene (95 ug/l), naphthalene (186 J ug/l), toluene (1380 ug/l), total



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trimethylbenzenes (1266 ug/l) and total xylenes (3210 ug/l), all exceeding the WAC NR 140 enforcement standards (ES).

As a result of the impacted water identified in the UST system backfill, the WDNR created a case for the spill, issued a Responsible Party letter, dated August 14, 2019, and the work discussed herein was subsequently performed.

#### FIELD ACTIVITIES AND PROCEDURES

#### Scope Summary

The planned scope of services included the performance of 4 soil borings converted to monitoring wells, collection of soil samples from the borings, groundwater samples from the monitoring wells and a tank system sump, well development, surveying, and preparation of this report. One planned soil boring was not performed at the west of the oil/water separator tank system due to unidentifiable utility locations extending from the tank area to the mechanical and fire suppression buildings to the west. The soil samples from the borings were submitted for laboratory analysis for the presence of PVOCs and naphthalene. One round of groundwater sampling from the three installed monitoring wells and the sump was performed. The groundwater samples were submitted for laboratory analysis for the presence of PVOCs and naphthalene.

#### Field Exploration

Three soil borings (B-1 to B-3) were advanced on the property on November 19, 2019. The borings were converted to NR 141 compliant monitoring wells designated MW-1 to MW-3, respectively. The soil borings were performed by Horizon Construction and Exploration of Fredonia, Wisconsin. The borings were performed with a track-mounted geoprobe unit. Soil samples were collected continuously by driving a 5 foot plastic sleeve into undisturbed soils to depths of approximately 12.5 feet bgs. Subsequent to the soil probing and sampling, borings were advanced to depths of 12.5 feet bgs utilizing 4.25 inch diameter (8-inch borehole) augers. The soil boring and monitoring well locations are shown of Figure 3, Appendix A.

The monitoring well construction consisted of a 10-foot section of 2-inch diameter, machine slotted PVC screen placed at or near the bottom of the borehole. This was surrounded by a properly graded granular filter medium in the annular space, with un-slotted riser pipe extending from the screened section to a few feet above the ground surface. A bentonite seal of approximately 2 feet, was placed above the granular filter medium to the ground surface. The wells are protected by pro top stick up covers. Well construction forms are included in Appendix C.

#### Field Volatile Vapor Emission Screening

Soil samples collected from the soil borings were screened for volatile organic vapor emissions with a Photovac PID. The soil samples were placed in a plastic bag and permitted to equilibrate to at least 70 degrees Fahrenheit for a period of at least 15 minutes, based upon the ambient outdoor temperature. The screening was then performed by inserting the probe in the bag and measuring the headspace. The PID is an electronic instrument that measures the relative concentration of volatile organic vapor emissions in the headspace of a container. The response of the instrument is dependent upon volatility, temperature, and the ionization potential of the compounds measured. The meter serves as one tool in selecting samples for analytical testing, as it only gives a relative indication of the presence of volatile organic vapor emissions but cannot quantify concentrations of individual compounds. PID readings were not detected within any of the samples collected.

#### Soil Sample Collection and Preparation

The soil samples for chemical analyses were selected from the borings, based upon visual and olfactory observations, the PID screenings, the direct contact risk, and the depth to groundwater to document the encountered soil conditions. The samples were submitted for laboratory analysis for the presence of PVOCs and naphthalene.



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The samples submitted for laboratory analysis for the presence of PVOCs and naphthalene were extracted from the soils utilizing a sterile syringe and approximately 10 to 15 grams of soil were transferred into a laboratory prepared jar containing approximately 10 milliliters of methanol. The samples were placed on ice, and chain-of-custody procedures were initiated. The samples were then submitted to Synergy Environmental Laboratory in Appleton, Wisconsin, for laboratory analysis.

#### **DESCRIPTION OF SUBSURFACE CONDITIONS**

#### General

A description of the subsurface conditions encountered at the soil probe locations is shown on the soil boring logs included in Appendix C. The lines of demarcation shown on the logs represent an approximate boundary between the various soil classifications, but the transition is likely to be more gradual. It must be recognized that the soil descriptions are considered representative for the specific location, and that variations may occur between and beyond the sampling intervals and probing locations. A summary of the major soil profile components is described in the following paragraphs.

#### Soil Conditions

The surface at the test locations consisted of 18 inches of topsoil at B-1 and B-2, and 12 inches of sand and gravel at B-3. The surface materials were generally underlain by natural soils consisting of tan or brown silty fine sand to depths of 10 feet to 12.5 feet bgs. As exceptions, reddish brown silty clay soils were encountered at B-1 at depths of 8.5 to 10 feet bgs; at B-2 at depths of 1.5 feet to 2.5 feet bgs and 9 feet to 12.5 feet bgs; and B-3 at depths of 10 to 12.5 feet bgs. Brown sand was also encountered at B-2 at depths ranging from approximately 6.5 feet to 9 feet bgs. Groundwater was encountered at depths of approximately 2 feet to 3 feet bgs.

#### **GROUNDWATER MONITORING ACTIVITIES**

#### Well Development

Monitoring wells MW-1 to MW-3 were developed on November 26, 2019. The monitoring wells were developed by alternately surging and purging with a PVC bailer and pump, respectively. The wells were purged and dried several times until relatively sediment free water was produced. The well development and other pertinent details are shown on the well development forms (Form 4400-113B), included in Appendix C.

#### Groundwater Sampling

One round of groundwater samples was collected from monitoring wells MW-1 to MW-3 and the tank sump on December 13, 2019. Groundwater samples were submitted for laboratory analysis for the presence of PVOCs and naphthalene.

Samples submitted for PVOC and naphthalene analysis were transferred into a laboratory prepared 40-milliliter vials containing hydrochloric acid preservative. The sample containers were placed on ice and standard chain-of-custody procedures were initiated. The groundwater samples were submitted to Synergy Environmental Laboratory in Appleton, Wisconsin.

#### **Groundwater Well Elevations**

Groundwater level measurements were performed at each of the monitoring wells during the well development on November 26, 2019 and prior to groundwater sampling on December 13, 2019. Static groundwater levels have ranged from 2.61 feet below top of casing (TOC) at MW-1 (EL. 588.02) on November 26, 2019, to 3.52 feet below TOC at MW-3 (EL. 587.36) on December 13, 2019. Static groundwater elevations have ranged from EL. 587.36

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at MW-3 on December 13, 2019, to EL. 588.02 at MW-1 on November 26, 2019. Groundwater elevation data is summarized on Table A.6 in Appendix B. Based on the initial groundwater analytical data and preliminary groundwater elevations, the groundwater flow appears to be toward the southwest. Long term monitoring of the groundwater monitoring wells would be necessary to further evaluate the groundwater elevations and flow direction.

#### FIELD AND ANALYTICAL TESTING RESULTS

#### NR 720 Soil Standards

Chapter 720 of the NR700 series code established residual contaminant levels (RCLs) for soils intended to be protective of the direct contact (upper 4 feet of soil defined by human exposure to substances in soil through inhalation of particulate matter, dermal absorption, incidental ingestion, or inhalation of vapors from the soil) and soil-to-groundwater pathways. The direct contact levels are dependent on the planned use and zoning of the affected property. Although these individual RCLs have been established for a wide range of compounds, the WDNR requires that the cumulative effects of detected compounds be evaluated through use of a WDNR interactive table where individual concentrations can be entered to evaluate whether the target cancer risk has been exceeded. The individual RCLs provided by the WDNR were developed using standard default exposure assumptions. As an alternative, site specific calculations can be performed utilizing the U.S. EPA Regional Screening Level Web Calculator.

#### Laboratory Soil Results

Soil samples for laboratory analysis were collected from B-1 to B-3 at depths ranging from 2.5 feet to 5 feet bgs. The soil samples collected did not report detectable concentrations of PVOCs or naphthalene.

The results of the chemical analyses of the soil samples are summarized in Table A.2 included in Appendix B. Laboratory analytical results and chain of custody forms are included in Appendix D.

#### Groundwater Quality Standards

The ES and PAL are groundwater quality standards, which have been established in NR140 of the Wisconsin Administrative Code. These Standards are referenced when evaluating the need for further study or remedial activities. The PAL is the more stringent guideline, in terms of being lesser in magnitude than the ES but will typically require less response action when exceeded. The required action is determined by DNR regulations, based on various site-specific considerations.

#### Laboratory Groundwater Results

The groundwater sample collected from the sump at the northwest end of the tank system reported benzene at a concentration of 23.4 micrograms per liter ( $\mu$ g/L), which exceeds its WAC NR 140 ES of 5  $\mu$ g/L. The sample also reported concentrations of naphthalene and 1,2,4 trimethylbenzene exceeding the WAC NR 140 preventive action limit (PAL). The sample collected from MW-1 reported benzene at a concentration exceeding its WAC NR 140 PAL. No other PVOCs or naphthalene were detected at concentrations exceeding their respective standards at any of the other test locations.

The results of the chemical analyses of the groundwater samples are summarized in Table A.1 in Appendix B. Laboratory analytical results and chain of custody forms are included in Appendix D.

#### CONCLUSIONS

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Based on the soil and groundwater testing, it appears that the extent of soil and groundwater contamination has been defined and that the remedial excavation has removed contaminated soils in the areas beyond the tank





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system. It is recommended that an additional round of groundwater samples be collected to further evaluate the contaminant trends within the tank bed sump, the extent of groundwater contamination, and the groundwater flow direction. If similar results to the initial sampling round are identified, it is recommended that a site investigation report be submitted.

It does not appear that vapor testing will be necessary at the present time based on the residual contaminant concentrations and their proximity to the existing structures. However, the vapor risk will be further evaluated during the future site investigation activities.

#### **GENERAL COMMENTS**

The investigative activities have been conducted in a manner consistent with that level of care ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. The findings, recommendations and opinions contained herein have been promulgated in accordance with generally accepted practice in similar fields. No other representations expressed or implied, and no warranty or guarantee is included or intended in this report.

The conclusions presented in this report were formulated from the data obtained during the course of exploratory work on the site, which may result in a redirection of conclusions and interpretations where new information is obtained. The regulatory climate and interpretation may also influence the outcome of the environmental investigation for this site. The information contained in this report may have an effect on the value of the property and is considered confidential. Copies of this report will be submitted to others only with authorization from the client.

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|   |  |   | APPENDIX | Α  |
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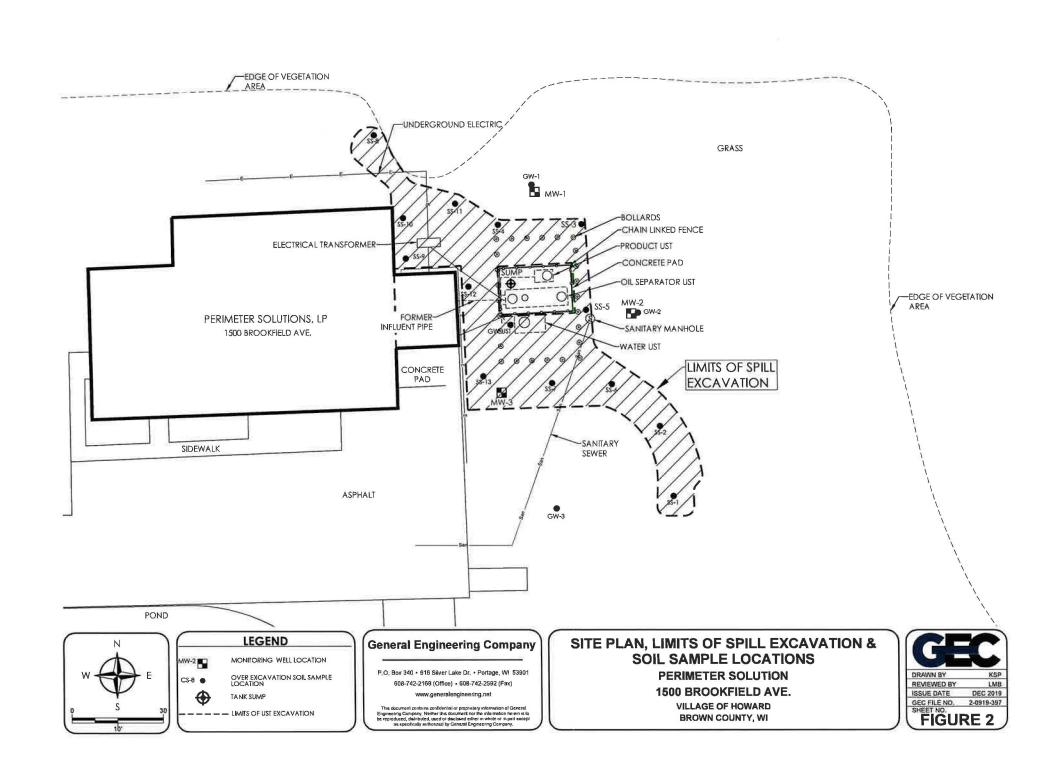


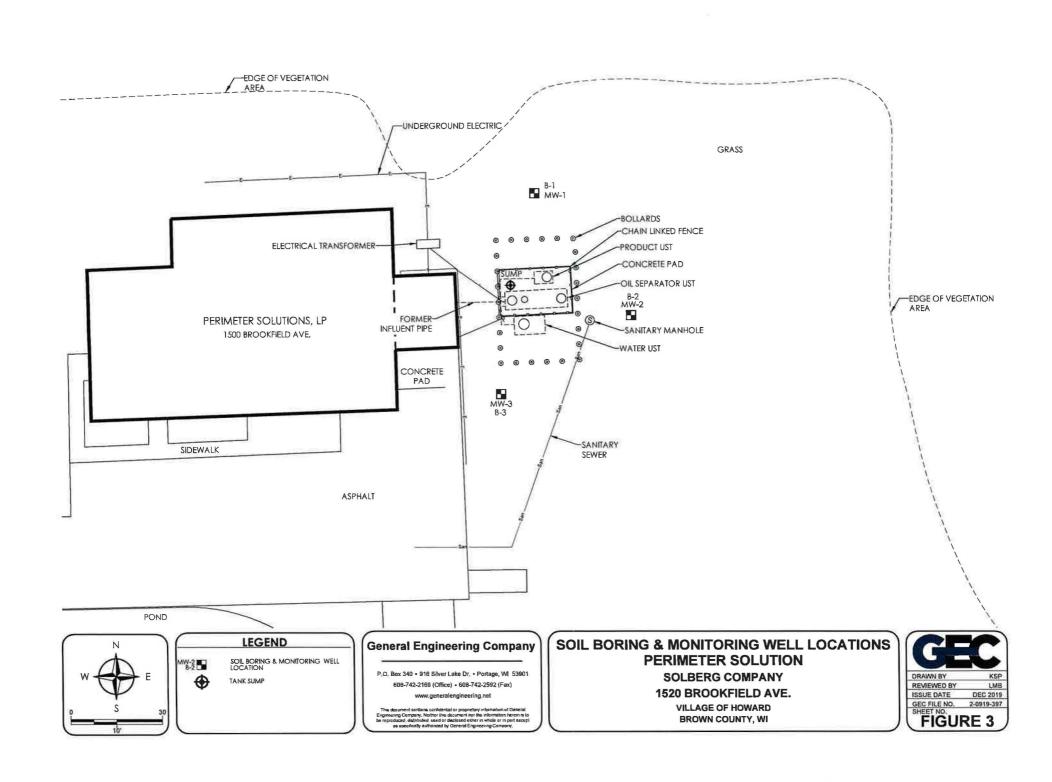
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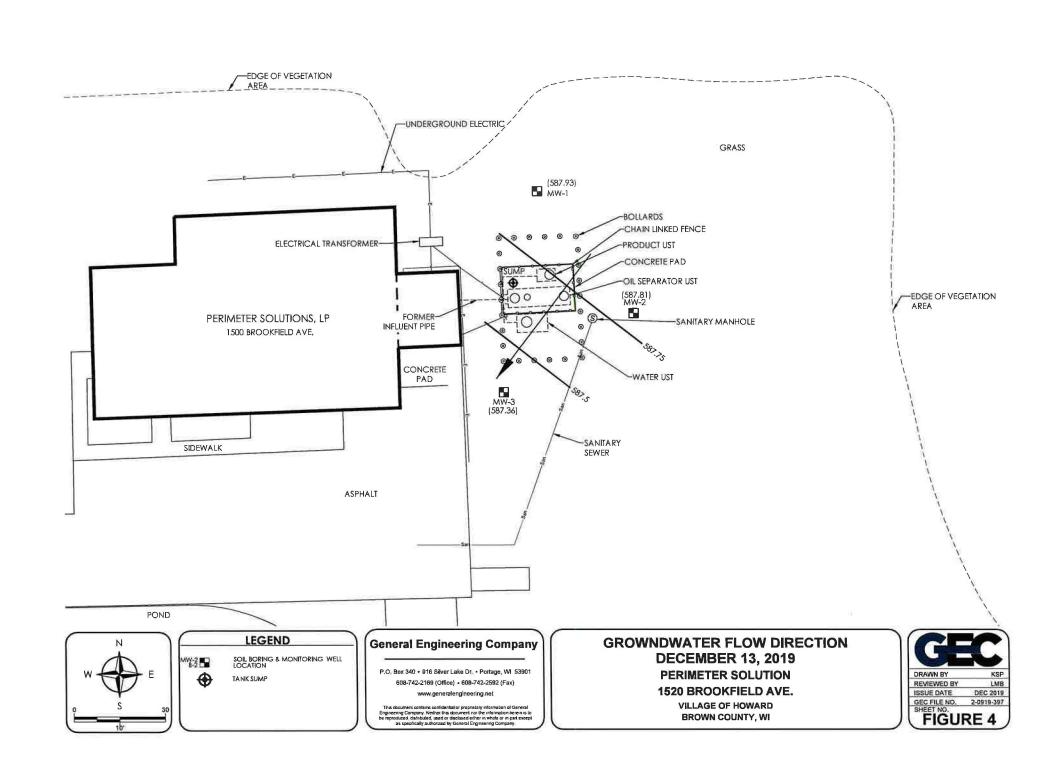
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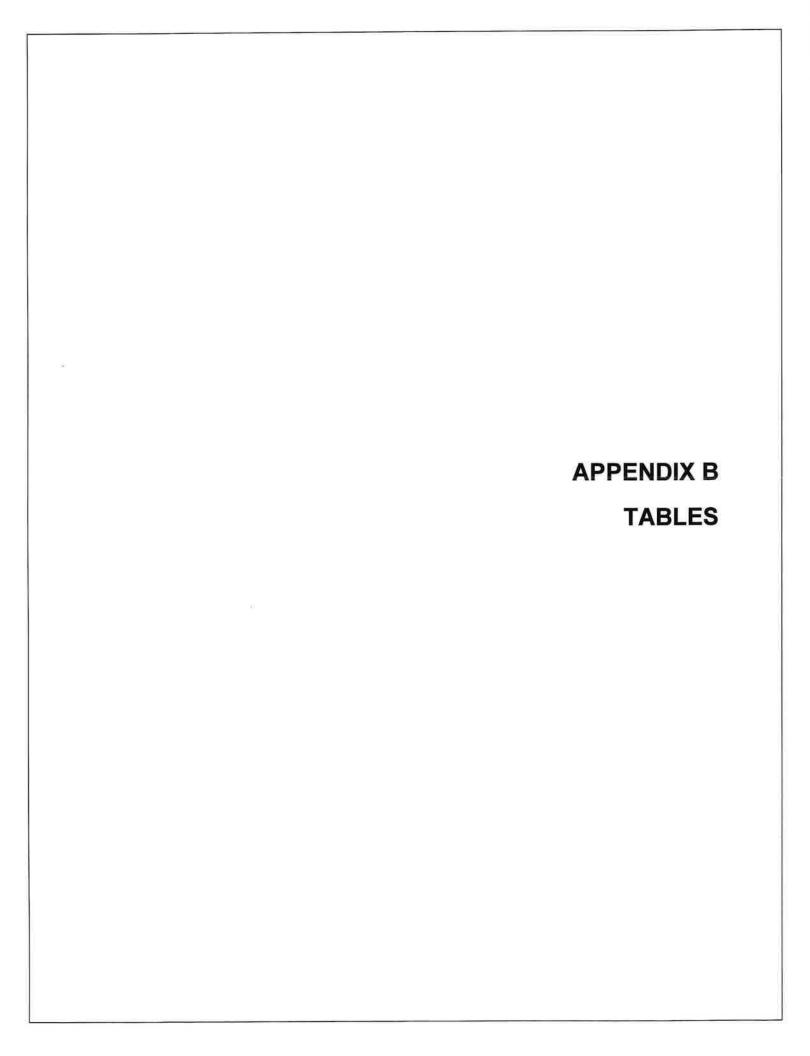
This document contains contidental or preparately information of General Engineering Company, Nother this document nor the information normal to be reproduced, distributed, used or disclosed either in whole or in part except as specifically authorized by General Engineering Company. SITE LOCATION MAP
PERIMETER SOLUTIONS
SOLBEERG COMPANY
1520 BROOKFIELD AVE.
VILLAGE OF HOWARD
BROWN COUNTY, WI











#### TABLE A.1. GROUNDWATER ANALYTICAL RESULTS THE SOLBERG COMPANY

| Monitoring Well  | NR   | 140        | Water            | Tank            | Sump      | Above Oil | Tank      |          |           | FRAC 1    |           |           |           |           | FRAC 2    |          | Maria de la compa | FRAC 3    | FR       | AC 4      |
|--|--|------------|------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-------------------|-----------|----------|-----------|
| Sampling Date  | ES   | PAL        | 3/20/2019        | 5/31/2019       | 3/20/2019 | 4/8/2019  | 4/26/2019 | 4/8/2019 | 4/26/2019 | 5/14/2019 | 5/20/2019 | 5/31/2019 | 5/31/2019 | 6/14/2019 | 6/24/2019 | 7/8/2019 | 7/23/2019         | 5/31/2019 | 7/8/2019 | 8/16/2019 |
| FLASHPOINT (degrees Fan  | enheit)                                      |            |                  |                 |           |           |           |          |           |           |           |           |           |           |           |          |                   |           |          |           |
| Flashpoint   | NE   | NE         | 100              | NA              | 110       | 125       | NA .      | >150     | NA.       | >200      | NA        | NA        | NA        | NA        | NA        | NA       | NA.               | NA        | NA       | NA        |
| PETROLEUM VOLATILE O   | RGANIC                                       | COMPOL     | INDS (PVO        | C) (µg/L)       |           |           |           |          |           |           |           |           |           |           |           |          |                   |           |          |           |
| Benzene  | 5  | 0.5        | 1510             | 160             | 2030      | 2540      | 560       | 1370     | 420       | 287       | 223       | 51        | 134       | 203       | 111       | 85       | 47                | 10.7      | 850      | 450       |
| Ethylbenzene   | 700  | 140        | 400              | 650             | 1860      | 1950      | 850       | 690      | 174       | 121       | 103       | 19.5      | 0.71 J    | 32        | 13.3      | 12.3     | 8.4               | 2.12      | 660      | 205       |
| Methyl tert-butyl ether (MTBE)   | 60   | 12         | <14              | <28.5           | <14       | <28       | <28       | <14      | <5.6      | <28.5     | <2.8      | <5.7      | <0.57     | <2.8      | <2.8      | <2.8     | < 0.28            | <0.57     | <28      | <24       |
| Naphthalene  | 100  | 10         | <105             | 289             | 490       | 330 J     | <210      | 144 J    | 45 J      | <85       | <21       | <17       | 32        | 22.1 J    | <21       | <21      | 5.0J              | 4.6 J     | 239J     | <130      |
| Toluene  | 800  | 160        | 4800             | 3600            | 13,500    | 16,800    | 7500      | 6100     | 1600      | 1120      | 940       | 187       | 1240      | 940       | 430       | 380      | 188               | 79        | 4600     | 1240      |
| 1,2,4-Trimethylbenzene   | 480  | 96         | 276              | 1240            | 2100      | 1540      | 770       | 710      | 176       | 118       | 95        | 26.2      | 247       | 166       | 50        | 53       | 32                | 6.5       | 1130     | 470       |
| 1,3,5-Trimethylbenzene   | 400  | 30         | 67 J             | 330             | 4600      | 340       | 182 J     | 161      | 41        | <37.5     | 21.8      | 9.6J      | 91        | 71        | 14.2J     | 20.6     | 13.9              | 9.5       | 289      | 157J      |
| m&p-Xylene   | 2000   | 400        | 1470             | 3600            | 6900      | 7300      | 3800      | 2700     | 650       | 460       | 390       | 80        | 1100      | 700       | 281       | 273      | 160               | 30.7      | 2770     | 820       |
| o-Xylene   | 2000   | 400        | 710              | 1930            | 3600      | 3500      | 1900      | 1400     | 340       | 252       | 194       | 48        | 690       | 450       | 200       | 186      | 109               | 40        | 1390     | 410       |
| NE = NR 140 Standard Not Estable J = Analyte detected above laborar D = Result not applicable due to se Bold indicates analytical results ab Italics indicates analytical results ab NA= Parameter not analyzed up/l_micrograms per liter mg/L=miligrams per liter | tory limit of<br>ample dilution<br>ove NR 14 | on<br>0 ES | ut below limit o | of quantitation |           |           |           |          |           |           |           |           |           |           |           |          |                   |           |          |           |

# TABLE A.1 (Continued) SUMMARY OF GROUNDWATER ANALYTICAL RESULTS THE SOLBERG COMPANY 1520 BROOKFIELD AVENUE, VILLAGE OF HOWARD, WISCONSIN

| Monitoring Well         | NR 140 |             | GW-1         | GW-2         | GW-3      | GW UST        | MW-1         | MW-2       | MW-3       | SUMP       |
|-------------------------|--------|-------------|--------------|--------------|-----------|---------------|--------------|------------|------------|------------|
| Sampling Date           | ES     | PAL         | 6/27/2019    | 6/26/2019    | 6/27/2019 | 6/26/2019     | 12/13/2019   | 12/13/2019 | 12/13/2019 | 12/13/2019 |
| PETROLEUM VOLATIL       | E ORG  | ANIC        | COMPOUNDS (I | PVOC) (µg/L) |           | S In the Post |              | THE LAW ET |            |            |
| Benzene                 | 5      | 0.5         | <0.32        | <0.32        | <0.32     | 95            | 1.54         | <0.32      | <0.32      | 23.4       |
| Ethylbenzene            | 700    | 140         | <0.29        | <0.29        | <0.29     | 305           | <0.29        | <0.29      | <0.29      | 35         |
| Methyl tert-butyl ether | 60     | 12          | <0.24        | <0.24        | <0.24     | <12           | <0.24        | <0.24      | <0.24      | <2.4       |
| Naphthalene             | 100    | 10          | <1.3         | <1.3         | <1.3      | 186J          | <1.3         | <1.3       | <1.3       | 15.8J      |
| Toluene                 | 800    | 160         | <0.29        | <0.29        | <0.29     | 1,380         | <0.29        | <0.29      | 0.46J      | 6.8J       |
| 1,2,4 -Trimethylbenzene | 480    | 96          | <0.46        | <0.46        | <0.46     | 840           | <0.46        | <0.46      | <0.46      | 133        |
| 1,3,5 -Trimethylbenzene | 400    | 90          | <0.67        | <0.67        | <0.67     | 226           | <0.67        | <0.67      | <0.67      | 23         |
| Xylenes, -m, -p         | 2,000  | 2,000 400 < |              | <1.22        | <1.22     | 3,210         | <1.22        | <1.22      | <1.22      | 101.1      |
| Xylenes, -o             | 2,000  | 400         | <1.22        | 11.22        | 11.22     | 3,210         | <b>~1.22</b> | ~1.22      | ~1.22      | 101.1      |

ES = Enforcement Standard

PAL = Preventive Action Limit

μg/L = micrograms per liter

NA = Parameter not analyzed

NE = NR 140 ES not established

J = Analyte detected above laboratory limit of detection but below limit of quantitation.

Bold indicates analytical results above NR 140 ES

## TABLE A.2 SOIL ANALYTICAL RESULTS TABLE VALLEY ENVIRONMENTAL RESPONSE - SOLBERG GEC PROJECT # 2-0119-56L

| Sample No.                 | WDNR        | WDNR Non-      |                 | SS-1      | SS-2      | 55-3      | SS-4      | SS-5      | SS-6      | SS-7      | SS-8      | SS-9      | SS-10     | SS-11     | 55-12     | SS-13     |  |
|----------------------------|-------------|----------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|
| Sampling Date              | Industrial  | Industrial     | WDNR Soil to    | 6/25/2019 | 6/25/2019 | 6/25/2019 | 6/25/2019 | 6/25/2019 | 6/25/2019 | 6/25/2019 | 6/25/2019 | 6/25/2019 | 6/25/2019 | 6/26/2019 | 6/26/2019 | 6/26/2019 |  |
| Sample Depth (feet)        | Direct      | Direct Contact | Groundwater RCL | 6 inches  | 8 inches  | 4 Inches  | 4 inches  | 6 Inches  | 6 inches  | 8 Inches  |  |
| Saturated/Unsaturated      | Contact RCL | RCL            | RGL             | US        |  |
| <b>VOLATILE ORGANIC CO</b> | OMPOUNDS (V | OCs) (µg/kg)   |                 |           |           | 18        |           |           |           |           |           |           |           |           |           |           |  |
| Benzene                    | 7070        | 1600           | 5.1             | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       |  |
| Ethylbenzene               | 35400       | 8020           | 1570            | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       |  |
| Methyl tert-butyl ether    | 282000      | 63800          | 27              | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       |  |
| Naphthalene                | 24100       | 5520           | 658             | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       |  |
| Toluene                    | 518000      | 818000         | 1107            | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       |  |
| 1,2,4-Trimethylbenzene     | 219000      | 219000         | 1382            | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       |  |
| 1,3,5-Trimethylbenzene     | NE          | 182000         | 1302            | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | 27.1 J    | <25       |  |
| Xylenes, -m, -p            | 260000      | 260000         | 3960            | <50       | <50       | <50       | <50       | <50       | <50       | <50       | <50       | <50       | <50       | <50       | <50       | <50       |  |
| Xylenes, -a                | 200000      | 200000         | 3900            | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       | <25       |  |

| Ayjentes, -0. | A - Ayjentes above laboratory limit of defection but below limit of quantitation. Bold indicates analytical results exceed NR 720 RCL RCL RCL Piecel-Control tevels | Ayjentes | Ayj

## TABLE A.2 (CONTINUED) SOIL ANALYTICAL RESULTS TABLE (SOIL BORINGS) THE SOLBERG COMPANY 1520 BROOKFIELD AVENUE, VILLAGE OF HOWARD, WISCONSIN

| Sample No.                     | Non Cancer                        | Cancer RCL | WDNR Non-                    | WDNR Soil to | B-1         | B-2         | B-3         |  |  |  |  |  |  |  |
|--------------------------------|-----------------------------------|------------|------------------------------|--------------|-------------|-------------|-------------|--|--|--|--|--|--|--|
| Sampling Date                  | RCL Non-                          | Non-       | Industrial<br>Direct Contact | Groundwater  | 11/19/2019  | 11/19/2019  | 11/19/2019  |  |  |  |  |  |  |  |
| Sample Depth (feet)            | Industrial                        | Industrial | RCL                          | RCL          | 2.5-5 (U/S) | 2.5-5 (U/S) | 2.5-5 (U/S) |  |  |  |  |  |  |  |
| PETROLEUM VOLATILE             | ORGANIC COMPOUNDS (PVOCs) (µg/kg) |            |                              |              |             |             |             |  |  |  |  |  |  |  |
| Benzene                        | 106,000                           | 1,600      | 1,600                        | 5            | <25         | <25         | <25         |  |  |  |  |  |  |  |
| Ethylbenzene                   | 4,080,000                         | 8,020      | 8,020                        | 1,570        | <25         | <25         | <25         |  |  |  |  |  |  |  |
| Methyl tert-butyl ether        | 22,100,000                        | 63,800     | 63,800                       | 27           | <25         | <25         | <25         |  |  |  |  |  |  |  |
| Naphthalene                    | 178,000                           | 5,520      | 5,520                        | 658          | <25         | <25         | <25         |  |  |  |  |  |  |  |
| Taluene                        | 5,240,000                         | NE         | 818,000                      | 1,107        | <25         | <25         | <25         |  |  |  |  |  |  |  |
| 1,2,4-Trimethylbenzene         | 373,000                           | NE         | 219,000                      | 1,382        | <25         | <25         | <25         |  |  |  |  |  |  |  |
| 1,3,5-Trimethylbenzene         | 339,000                           | NE         | 182,000                      | 1,302        | <25         | <25         | <25         |  |  |  |  |  |  |  |
| Xylenes, -m, -p<br>Xylenes, -o | 818,000                           | NE         | 260,000                      | 3,960        | <75         | <75         | <75         |  |  |  |  |  |  |  |

[Xy]/enest, -0.

J = Analytic detected above laboratory limit of detection but below limit of quantitation.
Bold indicates enalytical results exceed NR 720 RCL
Intilic indicates analytical results exceeds Direct Contact RCL
S=Saturated U=Uneaturated
RCL = Residual Contaminant Level
NE = NR 720 RCL not established

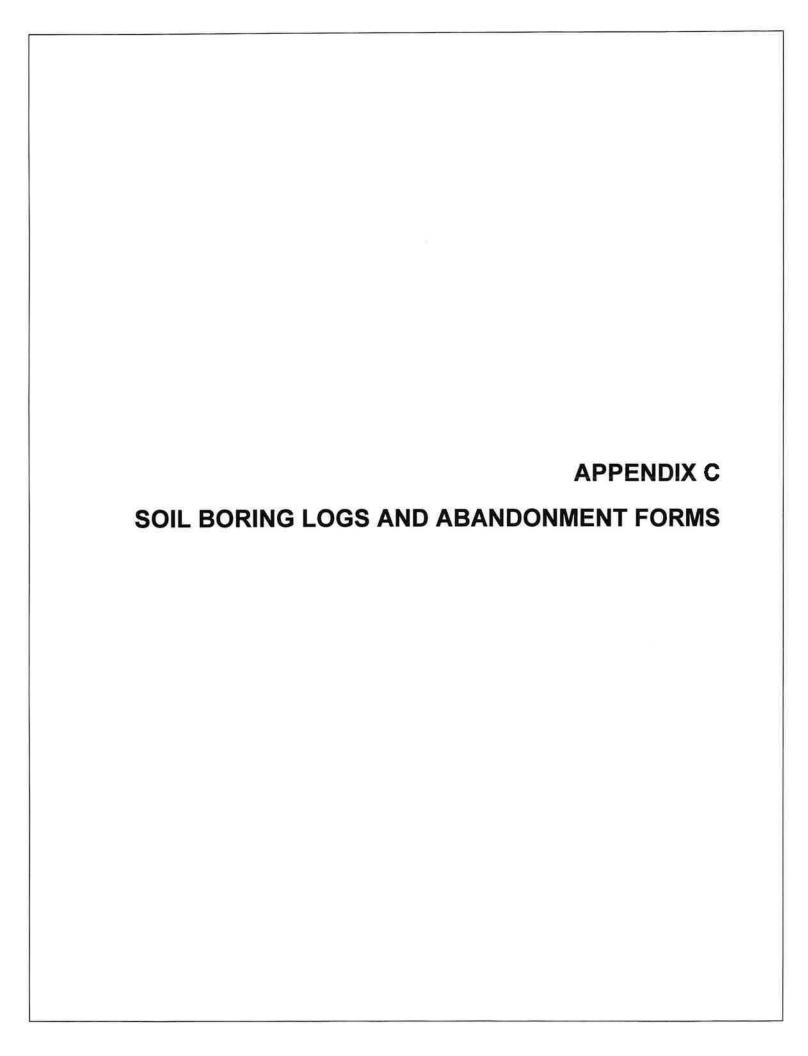
# TABLE A.6 WATER LEVEL ELEVATIONS THE SOLBERG COMPANY

#### 1520 BROOKFIELD AVENUE, VILLAGE OF HOWARD, WISCONSIN

| Monitoring<br>Well<br>Number | Top of Well<br>Casing<br>Elevation (MSL) | Ground Surface<br>Elevation (MSL) | Screened Interval<br>Elevation (MSL) | Date<br>Measured         | Depth To Water<br>Below Top Of Casing<br>(Ft.) | Groundwater<br>Elevation<br>(Ft.) (MSL) |
|------------------------------|--|-----------------------------------|--------------------------------------|--------------------------|--|---|
| MW-1                         | 590.63                                   | 588.80                            | 585.58                               | 11/26/2019<br>12/13/2019 | 2.61<br>2.70                                   | 588.02<br>587.93                        |
| 10100-1                      | 550.55                                   | 000.00                            | 575.58                               |                          |  |   |
| MW-2                         | 590.84                                   | 588.96                            | 585.79                               | 11/26/2019<br>12/13/2019 | 3.01   | 587.83<br>587.81                        |
| :                            | 550.54                                   | 300.30                            | 575.79                               |                          |  |   |
| MW-3                         | 590.88                                   | 588.95                            | 585.83                               | 11/26/2019<br>12/13/2019 | 6.97<br>3.52                                   | 583.91<br>587.36                        |
| 19177-5                      | 330.00                                   | 300.33                            | 575.83                               |                          |  |   |

Elevations are referenced to Mean Sea Level (MSL).

ft = feet



| State of Wisconsin             |   |
|--------------------------------|---|
| Department of Natural Resource | S |
|                                |   |

|   | Route 10:          |
|---|--------------------|
|   | Solid Waste        |
|   | Emergency Response |
| П | Wastewater         |

| Soil | Boring   | Log | Information |
|------|----------|-----|-------------|
| Form | 4400-122 | _   |             |

| ☐ Emergency Response ☐ Und☐ Wastewater ☐ Wa         |  |           |        |      |       |   |              |        |       |      |                  | Water  | groui<br>Rese | nd Tanks | \$             |        | F      | orm 4  |         | 0-122 |                         |         | 7-91   |                 |
|---|--|-----------|--------|------|-------|---|--------------|--------|-------|------|------------------|--------|---------------|----------|----------------|--------|--------|--------|---------|-------|-------------------------|---------|--------|-----------------|
|   |  |           |        |      |       |   |              |        |       |      |                  |        | Other         |          |                |        |        | _      |         |       |                         |         |        | Page 1 of 1     |
| Facility / Proje<br>Perimeter                       |  |           | (S)    | olb  | )er   | a (                                     | <u>ک</u> م ) |        |       |      | Project<br>19-39 |        | ).            |          | Wis. Ur<br>N/A | ique ! | No.    | Bori   | ng N    | um    | ber                     |         |        |                 |
| Boring Drilled                                      |  |           |        |      |       |   |              |        | 12.   |      | Prilling         |        | thod          |          | Boreho         | le Dia | meter  | 1      |         | 1     | <b>.</b>                |         |        |                 |
| Horizons Co   | onst. &  |           |        |      |       |   |              |        |       |      | -                | _      | Push          | ,        |                | 2"     |        | 1      |         | - 1   | B-1                     | / IV    | IVV-   | 1               |
| Greg & Ben  |  |           | 1=     |      |       |   |              | _      | 1=    | ᆛ    |                  |        |               |          |                |        |        |        |         |       | _                       |         |        |                 |
| Date Drilling S                                     |  |           | Da     |      |       | _                                       | End          |        | 1     |      | _                |        | State         |          |                | Е      | ×      | 674    | TM9     | 1_    |                         | DNR     | County | Code            |
| 11/19/2019 11/19/2019 NW- SE, Sect. 3, T24N,        |  |           |        |      |       |   |              |        |       |      | 4N, F            | 20E    |               | Ŷ        | 458            |        | =      |        |         |       | 5                       |         |        |                 |
| Local Grid Location (If applicable)  Feet W  County |  |           |        |      |       |   |              |        |       |      |                  |        |               | Civil    | Town           | City   | / V    | Illage |         |       |                         |         |        |                 |
| Feet S Feet W Brown                                 |  |           |        |      |       |   |              |        |       |      |                  |        | Villag        | e of H   | owa            | ď      |        |        |         |       |                         |         |        |                 |
| Depth Below Length Att. VISUAL SOIL CLASSIFICATION  |  |           |        |      |       |   |              |        |       |      |                  | Sample | T             | Graphic  |                | Тв     | ow     |        |         | PED   |                         |         |        |                 |
| Surface/Elev. (ft)                                  | Recovered (in) Recove |           |        |      |       |   |              |        |       |      |                  |        | No.           | uscs     | Log            | Well   | Co     | unt    | N value | Odor  | (ppm)                   | Remarks |        |                 |
| <b>-</b>  | Black, Sandy SILT with organics, moist (Topsoil)   |           |        |      |       |   |              |        |       |      |                  |        |               | 1333     |                |        |        |        |         |       |                         |         |        |                 |
| 11.0  |  |           |        |      |       |   |              |        |       |      |                  |        |               |          | l              | OL     | 11255  | П      | 7       |       |                         | No      | 0      |                 |
| -   |  | Tan, Si   | llv F  | ine  | SA    | ND                                      | mois         | t to v | vet   |      |                  | _      |               |          | _  SS-1        | -      | (33)   | 111    |         |       |                         |         |        |                 |
| 2-2.0-  |  | 10.1, 0.  |        |      |       |   |              |        |       |      |                  |        |               |          |                |        |        | Ш      | 1       |       |                         | No      | 0      | _               |
| 1 :   |  |           |        |      |       |   |              |        |       |      |                  |        |               |          | _              | 1      |        | ΙĦ     | 1       |       |                         |         |        |                 |
| 3 -3.0  |  | Tan, Si   | ilty F | -ine | SA    | ND,                                     | , wet        |        |       |      |                  |        |               |          |                | 1      |        | 18     |         |       |                         |         |        | -               |
| . ]   |  |           |        |      |       |   |              |        |       |      |                  |        |               |          | SS-2           | 1      |        | 18     | 1       |       |                         | No      | 0      | Lab<br>sample _ |
| 4-1 4.0-  |  |           |        |      |       |   |              |        |       |      |                  |        |               |          |                | 1      |        | ΙĦ     | 1       |       |                         |         |        | ounipie _       |
| 5 -5.0  |  |           |        |      |       |   |              |        |       |      |                  |        |               |          |                | SM     |        | B      |         |       |                         |         |        |                 |
|   |  |           |        |      |       |   |              |        |       |      |                  |        |               |          |                |        |        | H      |         |       |                         |         |        |                 |
| 6   |  |           |        |      |       |   |              |        |       |      |                  |        |               |          | SS-3           |        |        | IA     |         |       |                         | No      | ا ہ ا  | =               |
| 1 1   |  |           |        |      |       |   |              |        |       |      |                  |        |               |          |                |        |        | ΙĦ     |         |       |                         |         | ľ      |                 |
| 7-7.0-  |  |           |        |      |       |   |              |        |       |      |                  |        |               |          |                | ]      |        |        |         |       |                         |         |        | -               |
|   |  |           |        |      |       |   |              |        |       |      |                  |        |               |          |                |        |        | ١H     | 1       |       |                         |         |        |                 |
| 8   |  | D = 44'-1 |        |      | - 0   | ****                                    | OL 43        |        |       | _    |                  | _      |               |          | 4              |        |        | A      | 1       |       |                         | No      | 0      | -               |
| 9 -9.0  |  | Reddisl   | וס ח   | OWI  | 1, 51 | iity (                                  | CLAY         | , wet  |       |      |                  |        |               |          | SS-4           | ۱.,    |        | lН     |         |       |                         |         |        |                 |
|   |  |           |        |      |       |   |              |        |       |      |                  |        |               |          |                | CL     |        | lΒ     | 1       |       |                         | No      | 0      |                 |
| 10 10-  |  | Tan, Sil  | ltv F  | ine  | SA    | ND                                      | wet          |        |       |      | -                |        |               |          | +              | -      |        | H      |         |       |                         |         |        | -               |
| 1 :   |  | 1011, 011 | , .    |      | ٠,,   | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | , ,,,,,      |        |       |      |                  |        |               |          |                |        |        | H      | 1       | - 1   |                         |         |        |                 |
| 11 -11.0 -  |  |           |        |      |       |   |              |        |       |      |                  |        |               |          | SS-5           | SM     |        |        | 1       | - 1   |                         | No      | 0      | -               |
|   |  |           |        |      |       |   |              |        |       |      |                  |        |               |          |                | 1      |        | B      |         | - 1   |                         |         |        |                 |
| -12.0   |  |           | _      | _    | _     | _                                       |              | _      |       |      |                  |        |               | -        | -              |        |        | 世      | +       | 4     | _                       |         |        |                 |
| -13.0   |  |           |        |      | E     | ND                                      | OF           | ВО     | RIN   | G: ' | 12.5'            | G.     |               |          |                |        |        |        |         | - 1   |                         |         |        |                 |
| 1 1   |  |           |        |      |       |   |              |        |       |      |                  |        |               |          |                |        |        |        |         |       |                         |         |        |                 |
| 14.0  |  |           |        |      |       |   |              |        |       |      |                  |        |               |          |                |        |        |        |         | - 1   | .                       |         |        | -               |
| . 7 7   |  |           |        |      |       |   |              |        |       |      |                  |        |               |          | 1              |        |        |        |         |       |                         |         |        |                 |
| 15 -15-   |  |           |        |      |       |   |              |        |       |      |                  |        |               |          |                | 1      |        |        |         | - 1   |                         |         |        | -               |
|   |  |           |        |      |       |   |              |        |       |      |                  |        |               |          |                | - 1    |        |        | - 1     |       |                         |         |        |                 |
| 16.0  |  |           |        |      |       |   |              |        |       |      |                  |        |               |          |                |        |        |        |         |       |                         |         |        |                 |
| 17.0 - 17.0 -                                       |  |           |        |      |       |   |              |        |       | 1    |                  |        |               |          |                |        |        |        |         |       |                         |         |        |                 |
| 1 1   |  |           |        |      |       |   |              |        |       |      |                  |        |               |          |                |        |        |        |         |       |                         |         |        |                 |
| 18.0 - 18.0 -                                       |  | Note: W   | Vell   | war  | s se  | t wif                                   | th Pro       | top    |       |      |                  |        |               |          | 1              |        |        |        |         | - 1   |                         |         |        | 40              |
| 3 3   | - 1  |           |        |      |       | - /-                                    |              |        |       |      |                  |        |               |          |                |        |        |        |         |       |                         |         |        |                 |
| hereby certify                                      | that the i   | nformati  | ion    | on f | this  | form                                    | n is tr      | ue ar  | nd co | пес  | to the           | e bes  | t of my       | knov     | iedge          |        |        |        |         |       |                         |         |        |                 |
| Signature   | ,  |           | /      | 7    | -     | 7                                       | 1            |        |       |      |                  | Be     | th Erdi       | man      | fim            | Ge     |        |        |         |       | ng Co                   |         |        |                 |
| 1/5   | 2/2  | L         | 1      |      | ~     | 不                                       | 1            | ~      | _     |      |                  |        |               |          |                |        | 916 Si |        |         |       | P.O. BC<br>3901         | JX 340  |        |                 |
|   | Deth H Lydman  |           |        |      |       |   |              |        |       |      |                  |        |               |          | . 510          | -80 V  |        |        |         |       | was a first of the same |         |        |                 |

|        | e of Wistment of |             |                 |                       | Vaste<br>ency F | Response    | Haz. Wasi Undergrou Water Res         | ind Tanks | ł      |         |         | oil <b>Bo</b><br>rm 440 |         | ₋og li | nform     | <b>nation</b><br>7-91<br>Page 1 of 1 |
|--------|------------------|-------------|-----------------|-----------------------|-----------------|-------------|---------------------------------------|-----------|--------|---------|---------|-------------------------|---------|--------|-----------|--------------------------------------|
|        | y / Proje        |             |                 |                       |                 | GEC Projec  |                                       | Wis. Un   | ique l | No.     | Borin   | g Num                   | ber     |        |           |                                      |
|        |                  |             |                 | Solberg Co.)          |                 | 2-0919-39   |                                       | N/A       |        |         | J       |                         |         |        |           |                                      |
|        |                  |             |                 | and name of crew chie | f)              | Drilling    | Method                                | Boreho    | le Dia | meter   | 1       |                         | D_2     | / N    | /W-       | 2                                    |
|        | ons Co           |             | Explor          | ation                 |                 | ام ا        | rect Push                             |           | 2"     |         | 1       |                         | D-Z     | / 10   | IAA-      | 2                                    |
|        | & Ben            |             |                 |                       |                 |             |                                       |           |        |         |         |                         |         |        |           |                                      |
| Date D | Orilling S       | tarted      |                 | Date Drilling Ended   | E               | Boring Loca | ation State Pla                       | ne N,     | E      |         |         | M91                     |         | DNR    | County    | y Code                               |
|        | 11/19            | 9/2019      |                 | 11/19/2019            | 1               | W- SE. S    | ect. 3, T24N,                         | R20E      |        | X       | 6743    |                         |         |        |           | 5                                    |
|        |                  | 45 40       |                 |                       |                 |             |                                       |           |        | Υ       | 4585    |                         | <b></b> |        |           |                                      |
| Feet S | Grid Loc         | cation (ii  | applica<br>Feet |                       | ١               | County      |                                       |           |        | CIVII   | OWN /   | City / V                | ıllage  |        |           |                                      |
| reel 3 |                  |             | reet            | <b>"</b>              | E               | Brown       |                                       |           |        | Village | e of Ho | ward                    |         |        |           |                                      |
| Benth  | Below            | Langth Att. |                 | VISUAL SOIL           | CLA             | SSIFICA     | TION                                  | Sample    | T      | Graphic |         | Blow                    |         |        | PID       |                                      |
|        | /Elev. (ft)      | Recovered   |                 | Ground Surface E      | _               |             | · · · · · · · · · · · · · · · · · · · | No.       | USCS   | Log     | Well    | Count                   | N value | Odor   | (bbm)     | Remarks                              |
|        |                  | (in)        | Black S         | Sandy SILT with organ |                 |             | in                                    | +         | +-     | THE     |         | -                       | -       | _      | -         |                                      |
| 1 1    | 1                |             | Didoit, C       | oundy CIET mar organi | ,,,,,,          | olot (Topoo | ,                                     |           | OL     | 1544    | 4-      | 4                       |         | No     | 0         |                                      |
| 1-     | -1.0-            |             |                 |                       |                 |             |                                       | SS-1      | -      | 1335    | ш       |                         |         |        | 0.0770.00 | 1-                                   |
| Id     | - 1              |             | Reddist         | brown, Silty CLAY, m  | noist to        | o wet       |                                       | -         |        |         | Ш       |                         |         |        |           |                                      |
| 2-     | -2.0             |             |                 | brown, Silty CLAY, w  |                 |             |                                       |           | CL     |         | Ш       |                         |         | No     | 0         | -                                    |
| -      | -                |             | Tan Cil         | ty Fine SAND, wet     | _               |             |                                       | -         | -      |         |         | 1                       |         |        |           |                                      |
| ] 3-   | -3.0             |             | Tail, Oil       | ty rine SAND, Wet     |                 |             |                                       |           |        |         | Ш       |                         |         |        |           |                                      |
| 1 4    | -                |             |                 |                       |                 |             |                                       | SS-2      |        |         | H       | 1                       |         | No     | 0         | Lab<br>sample                        |
| ⁴寸     | -4.0             |             |                 |                       |                 |             |                                       |           |        |         | Ы       |                         |         |        |           | sample _                             |
| 1 -    | -                |             |                 |                       |                 |             |                                       |           | SM     |         | Н       | 1                       |         |        |           |                                      |
| 5 -    | -5.0             |             |                 |                       |                 |             |                                       |           | 1      |         |         |                         |         |        |           |                                      |
| 1 4    | -                |             |                 |                       |                 |             |                                       |           | l      |         | Н       |                         |         | No     | 0         |                                      |
| 6-     | -6.0             |             |                 |                       |                 |             |                                       | SS-3      |        |         | Ц       |                         |         |        |           | _                                    |
| 1 7    | 4                |             | Brown,          | Medium SAND, wet      |                 |             |                                       |           |        |         | H       |                         |         | No     | 0         |                                      |
| 7-     | -7.0             |             |                 |                       |                 |             |                                       |           |        |         | Н       |                         |         | 140    | ŭ         | -                                    |
| 1 7    | -                |             |                 |                       |                 |             |                                       |           | SP     |         | H       |                         |         |        |           |                                      |
| 8-     | -8.0             |             |                 |                       |                 |             |                                       | 1         | 1      |         | Н       |                         |         | No     | 0         | -                                    |
| 1 7    | 7                |             |                 |                       |                 |             |                                       | SS-4      |        |         | А       |                         |         |        |           |                                      |
| 9-     | -9.0             |             | Tan. Sil        | ly Fine SAND, wet     |                 |             |                                       | -         |        | _       | Н       |                         |         |        |           | -                                    |
| 1 7    | 7                |             | Hamar -         | The second            |                 |             |                                       |           |        |         | A       |                         |         | No     | 0         |                                      |
| 10     | -10              |             |                 |                       |                 |             |                                       |           | 1      |         | Н       |                         |         |        | -         | -                                    |
| 1      | I                |             |                 |                       |                 |             |                                       |           | SM     |         | A       |                         |         |        |           |                                      |
| 11-    | -11.0-           |             |                 |                       |                 |             |                                       | 66.5      |        |         | Н       |                         |         | No     | ا ہ ا     | -                                    |
| 1      | 7                |             |                 |                       |                 |             |                                       | SS-5      |        | ď.      | A       |                         |         |        |           |                                      |
| 12-    | -12.0-           |             |                 |                       |                 |             |                                       |           |        |         | H       |                         |         |        |           | -                                    |
| 1      | 1                | 1           |                 |                       |                 |             |                                       |           |        |         | -01-6-  |                         |         |        |           |                                      |
| 13     | -13.0-           |             |                 | END OF B              | ORIN            | NG: 12.5'   |                                       |           |        |         |         |                         |         |        |           | -                                    |
| 1      | 1                |             | ľ.              |                       |                 |             |                                       |           |        |         |         |                         |         |        |           |                                      |
| 14.0   | -14.0-           |             |                 |                       |                 |             |                                       |           |        |         |         |                         |         |        |           | , -                                  |
| 1      | 1                |             |                 |                       |                 |             |                                       |           |        |         |         |                         |         |        |           |                                      |
| 15 -   | -15-             |             |                 |                       |                 |             |                                       |           |        |         |         |                         |         |        |           | -                                    |
| 1 1    | 1                |             |                 |                       |                 |             |                                       |           |        |         |         |                         |         |        |           |                                      |

I hereby certify that the information on this form is true and correct to the best of my knowledge
Signature Beth Erdman Firm General Engineering Company 916 Silver Lake Dr., P.O. BOX 340
Portage WI 53901

Lines of demarcation represent approximate boundaries between soil types. Variations may occur between sampling intervals and between boring locations, and the transition may be gradual.

-18.0-

Note: Well was set with Protop

18.0-

|        | e of Wistment of    |             |                                       | Route T<br>es Solid W<br>Emerge<br>Wastew | aste<br>ncy Re | sponse                          | Haz. Wast Undergrou Water Res | nd Tanks      | 3    |                |               | oil Bo<br>rm 440 |            | Log I    | nform        | <b>nation</b><br>7-91<br>Page 1 of 1 |
|--------|---------------------|-------------|---------------------------------------|---|----------------|---------------------------------|-------------------------------|---------------|------|----------------|---------------|------------------|------------|----------|--------------|--------------------------------------|
|        | y / Proje           |             |                                       |   |                | GEC Project No. Wis. Unique No. |                               |               |      |                | Borin         | g Num            | ber        | _        |              |                                      |
|        |                     |             |                                       | Solberg Co.)                              |                | 0919-39                         |                               | N/A<br>Boreho |      |                | 1             |                  |            |          |              |                                      |
|        | ons Co              |             |                                       | and name of crew chief)                   |                | _                               | Method                        | Boreno        |      | meter          |               |                  | <b>B-3</b> | / N      | /W-          | -3                                   |
|        | & Ben               |             | -Apioi                                | allon                                     |                | Dir                             | ect Push                      |               | 2"   |                |               |                  |            |          |              |                                      |
|        | Orilling S          |             |                                       | Date Drilling Ended                       | Во             | ring Loca                       | tion State Pla                | ne N,         | Ε    |                |               | M91              |            | DNR      | Count        | y Code                               |
|        | 11/19               | 9/2019      |                                       | 11/19/2019                                | NV             | V- SE, Se                       | ect. 3, T24N, I               | R20E          |      | X              | 6743          |                  |            |          |              | 5                                    |
| Local  | Grid Loc            |             | fannlica                              | 700 S000 NO 994C04 T2000 NOOCO            |                | unty                            | -                             |               |      |                | 4585<br>own / |                  | /Illago    | <u> </u> | -            |                                      |
| Feet S |                     | -acon (i    | Feet                                  |   |                | own                             |                               |               |      |                |               | _                | mage       |          |              |                                      |
|        |                     | Langth Att. |                                       |   |                |                                 |                               |               | _    | Aurado         | e of Ho       | ward             | _          |          | _            |                                      |
|        | Below<br>Elev. (ft) | Recovered   |                                       | VISUAL SOIL                               |                |                                 | TION                          | Sample<br>No. | USCS | Graphic<br>Log | Wall          | Blow             | N value    | Odor     | PID<br>(ppm) | Remarks                              |
|        |                     | (in)        | D                                     | Ground Surface Ele                        | -              |                                 |                               |               | _    |                |               |                  |            |          | (,,,,,,      |                                      |
| 1 1    | 1                   |             | DIOWII -                              | SAND, trace gravel, dar                   | np (ra         | ,,                              |                               |               | Fill |                |               |                  |            | No       | 0            |                                      |
| 1-     | -1.0-               |             | Tan Si                                | ty Fine SAND, moist to                    | wet            |                                 |                               | SS-1          | _    |                | 111           |                  |            |          |              |                                      |
| 1      | 1                   |             | 1 411, 61                             | ny i me erave, moist to                   |                |                                 |                               |               |      |                | Ш             |                  |            | No       | 0            |                                      |
| 2-     | -2.0                |             |                                       |   |                |                                 |                               |               |      |                | Ш             |                  |            | 140      | ľ            | 77                                   |
| -      |                     |             | Tan, Si                               | ty Fine SAND, wet                         |                |                                 |                               |               |      |                | I H           | 1                |            |          |              |                                      |
| 3-     | -3,0-               |             |                                       |   |                |                                 |                               |               |      |                | H             |                  |            |          |              | Lab -                                |
| ا_ر ا  | 4.0                 |             |                                       |   |                |                                 |                               | SS-2          |      |                | Ш             |                  |            | No       | 0            | sample _                             |
| -      | -                   |             |                                       |   |                |                                 |                               | 4             |      |                | I A           |                  |            |          |              |                                      |
| 5 =    | -5.0                |             |                                       |   |                |                                 |                               | _             | 1    |                | H             |                  |            |          |              |                                      |
| 1      | 1                   |             |                                       |   |                |                                 |                               |               | SM   |                | Н             | 1                |            |          |              |                                      |
| 6-     | -6.0                |             |                                       |   |                |                                 |                               | SS-3          |      |                | Н             |                  |            | No       | 0            | -                                    |
| 1      | 1                   |             |                                       |   |                |                                 |                               | 1             |      |                | H             | 1                |            |          |              |                                      |
| 7-     | -7.0                |             |                                       |   |                |                                 |                               |               |      | į .            | Н             |                  |            |          |              | -                                    |
| 1      | 7                   |             |                                       |   |                |                                 |                               |               | 1    |                | H             | 1                |            |          |              |                                      |
| 8-     | 80-                 |             |                                       |   |                |                                 |                               |               |      |                | H             |                  |            | No       | 0            | -                                    |
| 9_     | -9.0                |             | Brown,                                | Silty SAND, Wet                           |                |                                 |                               | SS-4          |      |                |               |                  |            |          |              | _                                    |
| * -    | -                   |             | i i i i i i i i i i i i i i i i i i i | A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |                |                                 |                               |               |      |                | H             |                  |            | No       | 0            |                                      |
| 10     | -10                 |             | D                                     | Cit. Cl AV                                | _              |                                 |                               | 4             | _    |                | H             | ).               |            |          | _            | -                                    |
| 1      | 1                   |             | Brown,                                | Silty CLAY, wet                           |                |                                 |                               |               |      | ///            | H             |                  |            |          |              |                                      |
| 11-    | -11.0-              |             |                                       |   |                |                                 |                               | SS-5          | CL   | ///.           | Н             |                  |            | No       | 0            | <del>-</del>                         |
| 1      | 7                   |             |                                       |   |                |                                 |                               | 33-3          |      | 111.           | A             |                  |            |          |              |                                      |
| 12-    | -12.0-              |             |                                       |   |                |                                 |                               |               |      | ///            | 世             |                  |            |          |              |                                      |
| 13     | -13.0               |             |                                       | END OF BO                                 | DING           | 2· 12 5'                        |                               |               |      |                |               |                  |            |          |              |                                      |
| -      | -                   |             |                                       | END OF BC                                 | MINC           | . 12.3                          |                               |               |      |                |               |                  |            |          |              | _                                    |
| 14.0   | -14.0               |             |                                       |   |                |                                 |                               |               |      |                |               |                  |            |          |              |                                      |
| -      | -                   |             |                                       |   |                |                                 |                               |               |      |                |               |                  |            |          | ) }          |                                      |
| 15 —   | -15-                |             |                                       |   |                |                                 |                               |               |      |                |               |                  |            |          | 1            | -                                    |
| 1      | 1                   |             |                                       |   |                |                                 |                               |               |      |                |               |                  |            |          |              |                                      |

Signature

Beth Erdman Firm

General Engineering Company
916 Silver Lake Dr., P.O. BOX 340
Portage WI 53901

Lines of demarcation represent/approximate boundaries between soil types. Variations may occur between sampling intervals and between boring locations,

and the transition may be gradual.

Note: Well was set with Protop

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

18.0-

-18.0

| State   | of Wisconsin             |    |
|---------|--------------------------|----|
| Departr | nent of Natural Resource | es |
|         |                          |    |
|         |                          |    |

| Route 10:          |        |
|--------------------|--------|
| Solid Waste        | ☐ Haz. |
| Emergency Response | Unde   |
| Wastewater         | ☐Wate  |
|                    |        |

|               | Log Information |
|---------------|-----------------|
| Form 4400-122 |                 |
|               |                 |

| Department of Natural Resources Solid Was Emergence Wastewate |             |             |            |              |                 | Res        | Response Underground Tanks |                |           |        |   | Form 4400-122 7-91 |          |         |           |        |                |  |
|---|-------------|-------------|------------|--------------|-----------------|------------|----------------------------|----------------|-----------|--------|---|--------------------|----------|---------|-----------|--------|----------------|--|
|   |             |             |            |              |                 |            |                            | Other          | sources   |        |   |                    |          |         |           |        | Page 1 of 1    |  |
| Facility / Project Name Perimeter Solutions (Solberg Co.)     |             |             |            |              |                 |            | C Project                  |                | Wis. Un   | ique I | No.                                     | Borin              | g Num    | ber     |           |        |                |  |
| Boring Drilled By (Firm name and name of crew chief)          |             |             |            |              |                 |            |                            |                | Boreho    | le Dia | meter                                   | † p4               |          |         | I BANAL A |        |                |  |
| Horizons Const. & Exploration                                 |             |             |            |              |                 |            | Direct Push                |                |           | 2"     |   |                    | B-1      |         |           | / MW-1 |                |  |
| Greg & Ben Date Drilling Started Date Drilling Ended          |             |             |            |              | Bor             | ing Local  | tion State Pla             | ane N,         | E         | Г      | WT                                      | M91                |          | DNR     | County    | Code   |                |  |
|   |             | 9/2019      | 1          |              | 9/2019          | l          |                            | ect. 3, T24N,  |           |        |   | 6743               |          |         | - 5       |        |                |  |
| Local   | Grid Loc    | ation (If   | applicab   | ile)         |                 | Cou        | inty                       |                |           |        | Y 458545<br>Civil Town / City / Village |                    |          |         |           | _      |                |  |
| Feet S  |             |             | Feet W     | V            |                 | Bro        | own                        |                |           |        | Village of Howard                       |                    |          |         |           |        |                |  |
|   | Below       | Length Att. |            | VISUA        | AL SOIL CL      | ASS        | SIFICAT                    | TION           | Sample    | uscs   | Graphic                                 | Well               | Blow     | N value | Odor      | PID    | Remarks        |  |
| Surface   | /Elev. (ft) | (in)        |            |              | Surface Eleva   |            |                            |                | No.       |        | Log                                     |                    | Count    |         |           | (ppm)  |                |  |
| 1   | 1           |             | Black, Sa  | andy SILT    | with organics,  | moist      | t (Topsoil)                | )              |           | OL     | 1311                                    | 4                  |          |         | No        | 0      |                |  |
| 1-  | -1.0        |             |            |              |                 |            |                            |                | SS-1      |        | 1355                                    | Ш                  |          |         |           |        | -              |  |
| 2_  | -2.0        |             | Tan, Silty | y Fine SAN   | ID, moist to we | et         |                            |                |           |        |   | Ш                  |          |         | No        | 0      |                |  |
|   |             |             |            |              |                 |            |                            |                |           | 1      |   | Н                  | 1        |         |           | _      |                |  |
| 3—  | -3.0        |             | Tan, Silty | y Fine SAN   | ID, wet         |            |                            |                |           |        |   | В                  |          |         |           |        |                |  |
|   | 4.0         |             |            |              |                 |            |                            |                | SS-2      |        |   | B                  |          |         | No        | 0      | Lab<br>sample  |  |
| -   | 4.0         |             |            |              |                 |            |                            |                |           |        |   |                    |          |         |           |        |                |  |
| 5 —   | -5.0        |             |            |              |                 |            |                            |                | -         | SM     |   | B                  |          |         |           |        |                |  |
| . ]   | 7           |             |            |              |                 |            |                            |                |           |        |   | H                  |          |         |           |        |                |  |
| - "   | -6.0        |             |            |              |                 |            |                            |                | SS-3      |        |   | H                  |          |         | No        | 0      | _              |  |
| 7_  | -7.0        |             |            |              |                 |            |                            |                |           |        |   | B                  |          |         |           |        | _              |  |
|   |             |             |            |              |                 |            |                            |                |           | 1      |   | H                  |          |         |           |        | -              |  |
| 8—  | -8.0        |             | Paddish    | hown Sill    | y CLAY, wet     |            |                            |                | ٠.,       |        |   | H                  |          |         | No        | 0      | 1              |  |
| 9_  | -9.0        |             | recuaisii  | Diowii, Oil  | , 021, 1101     |            |                            |                | SS-4      | CL     |   |                    |          |         |           |        | -              |  |
| ] ]   | ]           |             |            |              |                 |            |                            |                |           |        |   | 8                  |          |         | No        | 0      |                |  |
| 10 -  | -10         |             | Tan, Silty | y Fine SAN   | D, wet          |            |                            |                |           |        |   | H                  |          |         |           |        | -              |  |
| 11  | -11,0-      |             |            |              |                 |            |                            |                | SS-5      | SM     |   | В                  |          |         | No        | 0      | -              |  |
| ٦ ٦   | F           |             |            |              |                 |            |                            |                | 33-3      |        |   | B                  |          |         |           |        |                |  |
| 12-   | -12.0       |             |            |              |                 |            |                            |                | -         | _      | -                                       | ᄪ                  | _        | -       |           | _      |                |  |
| 13-   | -13.0       |             |            | EN           | ID OF BOR       | ING        | : 12.5'                    |                |           |        |   |                    |          |         |           |        |                |  |
| 14.0-   | F           |             |            |              |                 |            |                            |                |           |        |   |                    |          |         |           |        | 5              |  |
| -   | -14.0-      |             |            |              |                 |            |                            |                |           |        |   |                    |          |         |           |        |                |  |
| 15 —  | -15-        |             |            |              |                 |            |                            |                |           |        |   |                    |          |         |           |        | -              |  |
| 16.0  | -16.0       |             |            |              |                 |            |                            |                | 1         |        |   |                    |          |         |           |        | -              |  |
| 10.0  | -10,0       |             |            |              |                 |            |                            |                |           |        |   |                    |          |         |           |        | 3              |  |
| 17.0  | -17.0       |             |            |              |                 |            |                            |                |           |        |   |                    |          |         |           |        | -              |  |
| Ξ   | Ι           |             |            |              |                 |            |                            |                |           |        |   |                    | 1        |         |           |        | 3              |  |
| 18.0—   | -18.0       |             | Note: We   | ell was set  | with Protop     |            |                            |                |           |        |   |                    |          |         |           |        | -              |  |
| Lhamb   | v cortifi-  | that the    | nformatio  | n on this fo | orm is true and | COLLE      | act to the                 | hest of my key | ophelwo   |        |   |                    |          |         |           |        |                |  |
| Signati   |             | uiai ine i  | поппаво    | A -          | onnis uue and   | WITE       | oct to me                  | Beth Erdman    |           | Ge     | eneral                                  | Engi               | neeri    | ng Co   | ompa      | ny     |                |  |
| ,   | R           | 12          | V          | 19           |                 |            |                            |                |           |        | 916 Sil                                 | ver Lak            | e Dr., I | P.O. BO |           |        |                |  |
| Lines   | of damar    | 11)         | 7          | $\prec$      | roma            | n<br>hahur | oon soil t                 | man Variation  | ne may oo | our ba | huaon o                                 |                    | e WI 5   |         | d boto    |        | ring locations |  |

and the transition may be gradual.

|   | e of Wis    |                          |                 | es       | Ī         | Route To<br>Solid Was<br>Emergend<br>Wastewa | ste<br>cy Res | sponse   | ☐ Haz. Was<br>☐ Undergro<br>☐ Water Re | und                |          |                             |                   |                 | oil Bo<br>m 4400 |         | ₋og Ir | ıform  | 7-91          |  |  |
|---|-------------|--------------------------|-----------------|----------|-----------|--|---------------|--|--|--------------------|----------|-----------------------------|-------------------|-----------------|------------------|---------|--------|--------|---------------|--|--|
|   |             |                          |                 |          |           |  | -             |  | Other                                  | lo co              |          |                             |                   |                 |                  |         |        |        | Page 1 of 1   |  |  |
| Facility / Project Name Perimeter Solutions (Solberg Co.) |             |                          |                 |          |           |  |               |  |  | is. Uni<br>I/A     | que M    | lo.                         | Borin             | ig Num          | ber              |         |        |        |               |  |  |
| Boring Drilled By (Firm name and name of crew chief)      |             |                          |                 |          |           | 12-0   |               |  |  | orehole            | e Diar   | meter                       |                   | r               | <b>-</b> -       |         | 81.A./ | ^      |               |  |  |
| Horizons Const. & Exploration                             |             |                          |                 |          |           |  |               |  | 2"                                     |                    | ľ        |                             | B-2               | 2 / MW-2        |                  |         |        |        |               |  |  |
| Greg & Ben  |             |                          |                 |          |           |  |               |  |  |                    |          |                             |                   |                 |                  |         |        |        |               |  |  |
| Date Drilling Started Date Drilling Ended                 |             |                          |                 | Bor      | ing Loca  | ation State Pla                              | ane           | N,   | Ε                                      | WTM91<br>x  674303 |          |                             |                   | DNR County Code |                  |         |        |        |               |  |  |
|   |             |                          |                 | NN       | V- SE, Se | ect. 3, T24N,                                | R20           | 0E   |  | Y                  | Y 458545 |                             |                   |                 | - 5              |         |        |        |               |  |  |
|   | Grid Loc    | ation (If                | applica<br>Feet |          |           |  | Cor           | County   |  |                    |          | Civil Town / City / Village |                   |                 |                  |         |        |        |               |  |  |
| Feet S  |             |                          | reet            | 44       |           |  | Bre           | own  |  |                    |          |                             | Village of Howard |                 |                  |         |        |        |               |  |  |
| Depti   | Below       | Length Att.<br>Recovered |                 | VI       | ISUA      | L SOIL C                                     | LAS           | SIFICA   | TION                                   | T                  | Sample   | uscs                        | Graphic           | Well            | Blow             | N value | Octor  | PID    | Remarks       |  |  |
| Surface   | /Elev. (ft) | (in)                     |                 | Gro      | ound S    | urface Elev                                  | ation:        | PARTY IN THE PARTY |  |                    | No.      | 0303                        | Log               | 9761            | Count            | N VEGS  | Otto   | (bbw)  | Kamaras       |  |  |
| -   | -           |                          | Black, S        | Sandy S  | SILT w    | vith organics                                | , mois        | t (Topsoil   | 1)                                     |                    |          |                             | 1311              |                 |                  |         |        |        |               |  |  |
| 1_1_  | -1.0        |                          |                 |          |           |  |               |  |  |                    | 00.4     | OL                          | 1255              | Ш               | 1                |         | No     | 0      | _             |  |  |
| -   | -           |                          | Reddisl         | h brown  | n. Silty  | CLAY, moi                                    | st to w       | et   |  | $\dashv$           | SS-1     |                             | 1332              | Ш               |                  |         |        |        |               |  |  |
| 2-  | -2.0        |                          |                 |          | 7.        | CLAY, wet                                    |               |  |  | $\dashv$           |          | CL                          |                   | Ш               |                  |         | No     | 0      | _             |  |  |
| ្ន  | 1           |                          |                 |          |           |  |               |  |  | _                  |          |                             |                   | A               | 1                |         |        |        |               |  |  |
| 3—  | -3.0        |                          | Tan, Sil        | ty Fine  | SANL      | ), wet                                       |               |  |  | - [                |          |                             |                   | Ħ               |                  |         |        |        | 1-5           |  |  |
|   |             |                          |                 |          |           |  |               |  |  | - 1                | SS-2     |                             |                   | В               |                  |         | No     | 0      | Lab<br>sample |  |  |
| "-  | 4.0         |                          |                 |          |           |  |               |  |  | - 1                |          | SM                          |                   | п               |                  |         |        |        |               |  |  |
| 5 —   | -5.0        |                          |                 |          |           |  |               |  |  | -                  |          | <b>-</b>                    |                   | B               |                  |         |        |        |               |  |  |
| -   | 1           |                          |                 |          |           |  |               |  |  |                    |          |                             |                   |                 |                  |         | No     | 0      |               |  |  |
| 6   | -6.0-       |                          |                 |          |           |  |               |  |  |                    | SS-3     |                             |                   | Н               |                  |         | 1,40   |        | -             |  |  |
| 1   | 1           |                          | Brown,          | Mediur   | m SAN     | ID, wet                                      |               |  |  |                    |          |                             |                   | H               |                  |         | No     | 0      |               |  |  |
| 7-  | -7.0        |                          |                 |          |           |  |               |  |  | ŀ                  |          |                             |                   | B               |                  |         |        |        | _             |  |  |
| 8_  | -8.0        |                          |                 |          |           |  |               |  |  | - 1                |          | SP                          |                   | П               |                  |         |        |        |               |  |  |
| -   | -           |                          |                 |          |           |  |               |  |  | - 1                | SS-4     |                             |                   | H               |                  |         | No     | 0      |               |  |  |
| 9_  | -9.0        |                          | Tan, Sil        | h. Cinn  | CANE      | Y  |               |  |  | -                  | 33-4     | _                           |                   | A               |                  |         |        |        | _             |  |  |
| 1   |             |                          | ran, Si         | ty Fine  | SAND      | , wet  |               |  |  | - 1                |          |                             |                   |                 |                  |         | No     | 0      | ļ             |  |  |
| 10  | -10         |                          |                 |          |           |  |               |  |  | ŀ                  |          |                             |                   | В               | 1 1              |         |        | $\neg$ | -             |  |  |
| . 3   | ]           |                          |                 |          |           |  |               |  |  |                    |          | SM                          |                   | H               |                  |         |        |        |               |  |  |
| 11-   | -11.0       |                          |                 |          |           |  |               |  |  | - 1                | SS-5     |                             |                   | A               |                  |         | No     | 0      |               |  |  |
| 12  | -12.0       |                          |                 |          |           |  |               |  |  |                    |          |                             |                   | Ħ               |                  |         |        |        |               |  |  |
| 3   | 3           |                          | _               | _        |           |  | _             |  |  | +                  |          | _                           |                   | ш.              | $\vdash$         |         |        | -      |               |  |  |
| 13-   | -13.0-      |                          |                 |          | END       | OF BOI                                       | RING          | i: 12.5'   |  |                    |          |                             | 1                 |                 |                  |         |        |        | -             |  |  |
| 1   | 1           |                          |                 |          |           |  |               |  |  | - 1                |          |                             |                   |                 |                  |         |        |        |               |  |  |
| 14.0  | -14.0-      |                          |                 |          |           |  |               |  |  |                    | .        |                             |                   |                 |                  |         |        |        |               |  |  |
| 15  | -15-        |                          |                 |          |           |  |               |  |  | - 1                |          |                             | l u               |                 |                  |         |        |        |               |  |  |
| F"  | F           |                          |                 |          |           |  |               |  |  | - 1                |          |                             |                   |                 |                  |         |        | 1      |               |  |  |
| 16.0  | -16.0       |                          |                 |          |           |  |               |  |  |                    |          |                             |                   |                 |                  |         |        |        | _             |  |  |
| =   | 1           |                          |                 |          |           |  |               |  |  | - 1                |          |                             |                   |                 |                  |         |        |        |               |  |  |
| 17.0-   | -17.0       |                          |                 |          |           |  |               |  |  |                    |          |                             |                   |                 |                  |         |        |        | -             |  |  |
| Ξ.  | - 7         |                          |                 |          |           |  |               |  |  | - 1                |          | - 1                         |                   |                 |                  |         |        |        | 1             |  |  |
| 18.0  | -18.0       |                          | Note: W         | /ell was | s set w   | ith Protop                                   |               |  |  | - 1                |          |                             |                   |                 |                  |         |        |        | 7             |  |  |
| -   |             |                          |                 |          |           |  | _             |  |  |                    |          |                             |                   |                 |                  |         |        |        |               |  |  |
|   |             | that the i               | nformati        | on on t  | this for  | m is true an                                 | d corre       | ect to the   | best of my kno<br>Beth Erdman          | owle               | dge      | -                           | mer-1             | C               | nce-             | 200     |        | m.     |               |  |  |
| Signate   | 116         | 100                      |                 | 1        | 1         | - 1  |               |  | Don! Ciniigh                           | di.m               |          | 96                          | neral             | Engl            | HEELI            | ny ut   | JIIIPa | 11y    |               |  |  |

916 Silver Lake Dr., P.O. BOX 340
Portage WI 53901

Lines of demarcation represent approximate boundaries between soil types. Variations may occur between sampling intervals and between boring locations, and the transition may be gradual.

| State of Wisconsin<br>Department of Natural Resources |   |
|---|---|
|   | 닏 |

| Route To:          |                   |
|--------------------|-------------------|
| Solid Waste        | Haz. Waste        |
| Emergency Response | Underground Tanks |
| Nastewater         | ☐ Water Resources |
|                    |                   |

**Soil Boring Log Information** Form 4400-122 7-91

Other Page 1 of 1 Facility / Project Name GEC Project No. Wis. Unique No. **Boring Number** 2-0919-397 Perimeter Solutions (Solberg Co.) N/A Drilling Method Borehole Diameter Boring Drilled By (Firm name and name of crew chief) B-3 / MW-3 Horizons Const. & Exploration **Direct Push** 2" Greg & Ben Date Drilling Started **Boring Location State Plane** Date Drilling Ended N. E **WTM91 DNR County Code** x |674303 11/19/2019 11/19/2019 NW- SE, Sect. 3, T24N, R20E Y 458545 Local Grid Location (If applicable) County Civil Town / City / VIllage Feet S Feet W Brown Village of Howard Depth Below VISUAL SOIL CLASSIFICATION Remarks Surface/Elev. (ft) **Ground Surface Elevation:** Brown SAND, trace gravel, damp (Fill) FIII 0 No -1.0 **SS-1** Tan, Silty Fine SAND, moist to wet 0 No -2.0 Tan, Silty Fine SAND, wet -3.0 Lab **SS-2** 0 No sample -5.0 SM -6.0 **SS-3** 0 No -7.0 No 0 -8.0-**SS-4** Brown, Silty SAND, Wet No 0 Brown, Silty CLAY, wet CL 0 No **SS-5** -12.0 **END OF BORING: 12.5'** -13 0 13 15 -15= 16.0--16.0 17.0 -17.0 -18.0-18.0-Note: Well was set with Protop I hereby certify that the information on this form is true and correct to the best of my knowledge General Engineering Company Signature Beth Erdman Firm 916 Silver Lake Dr., P.O. BOX 340 Portage WI 53901

Lines of demarcation represent/approximate boundaries between soil types. Variations may occur between sampling intervals and between boring locations, and the transition may be gradual.

## State of Wisconsin Department of Natural Resources

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

| Route to: Watershed/Wastew                            | ater               | Waste Management                       |                       |             |                                |
|---|--------------------|--|-----------------------|-------------|--------------------------------|
| Remediation/Rede                                      | velopment          | Other                                  |                       |             |                                |
| Facility/Project Name                                 | County Name        |  | Well Name             |             |                                |
| The Solbers Co.                                       | 13                 | 1000                                   | /h                    | (L)-1       |                                |
| Facility License, Permit or Monitoring Number         | County Code 05     | Wis. Unique Well No                    | umber D               | NR Well     | ID Number                      |
| 1. Can this well be purged dry?                       | s 🗆 No             | 11. Depth to Water                     |                       |             | After Development              |
| 2. Well development method                            |                    | (from top of                           | a                     | _ Lft_      | ft.                            |
| surged with bailer and bailed 4                       | 1                  | well casing)                           |                       | .50         |                                |
| surged with bailer and pumped 6                       | 1                  |  |                       |             | _                              |
| surged with block and bailed   4                      | 2                  | Date                                   | b. 11/06/             | 201         | G<br>v mm/dd/yyyy              |
| surged with block and pumped   6                      | 2                  |  | m m d d               | ууу         | y mm ddyyyy                    |
| surged with block, bailed and pumped 📋 7              | 0                  |  | C Un                  | am.         | 10:15 am.                      |
| compressed air  | 0                  | Time                                   | c 1 : 10              | □ p.m.      | $10:15 \square p.m.$           |
| bailed only   |                    |  |                       |             |                                |
| pumped only   |                    | 12. Sediment in well                   |                       | inches      | inches                         |
| pumped slowly   | 0                  | bottom                                 | -                     |             |                                |
| Other   | <del></del>        | 13. Water clarity                      | Clear 10<br>Turbid 15 |             | Clear Q 20                     |
| 2   | نے                 |  |                       |             | Turbid □ 25                    |
| 3. Time spent developing well                         | <u>5_min.</u>      |  | (Describe)            |             | (Describe)                     |
| 4. Depth of well (from top of well casising)          | 05                 | 1                                      |                       |             |                                |
| 4. Depth of well (from top of well casisng)           | <u> </u>           | }                                      |                       |             |                                |
| 5. Inside diameter of well                            | () in              |  |                       |             |                                |
| 5. Histor diameter of well                            | <u> </u>           |  |                       |             | ***                            |
| 6. Volume of water in filter pack and well            | 0                  |  |                       | -           |                                |
| casing  | $\frac{3}{2}$ gal. |  | -                     | -27         |                                |
|   |                    | Fill in if drilling fluid              | ds were used and      | well is a   | t solid waste facility;        |
| 7. Volume of water removed from well                  | O gal.             | I II III II |                       | , ,, o, a   | t bolid was is facility.       |
|   |                    | 14. Total suspended                    |                       | mg/l        | mg/l                           |
| 8. Volume of water added (if any)                     | )<br>gal.          | solids                                 |                       |             |                                |
| 9. Source of water added                              |                    | 15. COD                                |                       | mg/l        | mg/l                           |
|   |                    | 16. Well developed l                   | by: Name (first last  | t) and Firm |                                |
| 10. Analysis performed on water added?                | as □ No            | First Name:                            |                       |             |                                |
| (If yes, attach results)                              | ~ L No             | Institute.                             | 1                     | Last Name   | 5.                             |
| MA  |                    | Firm:                                  |                       |             |                                |
| 17. Additional comments on development:               |                    |  |                       |             |                                |
|   |                    |  | *                     |             |                                |
|   |                    |  |                       |             |                                |
|   |                    |  |                       |             |                                |
|   |                    |  |                       |             |                                |
|   |                    |  |                       |             |                                |
|   |                    |  |                       |             |                                |
| Name and Address of Facility Contact/Owner/Responsibl | le Party           | T                                      |                       |             |                                |
|   |                    |  |                       | imation is  | s true and correct to the best |
| Name: Mitch Name: Muber                               | <u> </u>           | of my knowledge                        | 3                     |             |                                |
| Facility/Firm: Permoter Solution                      | <u> </u>           | Signature:                             | 1                     | 0           |                                |
| Street: 1500 Bruckfield Du-                           | rnuo               | Print Name:                            | Prima Vos             | unaw        | rt.                            |
| and a Company   | 54313              |  | SE,                   | 0           | •                              |
| City/State/Zip: Offn Kry/W1                           | 21315              | Firm:                                  | DEC                   |             |                                |

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

#### State of Wisconsin Department of Natural Resources

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

| Route to: Watershed/Waste<br>Remediation/Red   | -                    | Waste Management Other             |                 |                    |                                 |
|--|----------------------|------------------------------------|-----------------|--------------------|---------------------------------|
| Facility/Project Name  | County Name          |                                    | Well Name       |                    |                                 |
| The Solbers Co.  | 13                   | 1000                               | 1 AA L          | J-2                |                                 |
| Facility License, Permit or Monitoring Number  | County Code<br>05    | Wis. Unique Well N                 | umber           | DNR We             | II ID Number                    |
| Can this well be purged dry?      Well development method  | es 🗆 No              | 11. Depth to Water<br>(from top of |                 |                    | After Development               |
| surged with bailer and bailed  | 4 1                  | well casing)                       | a               | - III              | ··                              |
| surged with block and bailed surged with block and pumped  | 61<br>42<br>62<br>70 | Date                               |                 |                    | 9: Son.                         |
| compressed air   | 20                   | Time                               | cQ: ≥           | <u>&gt;</u> □ b.m. | _7: <u>50</u> p.m.              |
| bailed only  |                      |                                    |                 |                    |                                 |
| pumped only  |                      | 12. Sediment in well               |                 | inches             | inches                          |
| pumped slowly  | 5.0                  | bottom                             |                 |                    | - Fr                            |
| Other  | <del></del>          | 13. Water clarity                  | Clear [         |                    | Clear 2 20<br>Turbid □ 25       |
| 3. Time spent developing well  | 5 min.               |                                    | (Describe)      | 1.5                | (Describe)                      |
| 4. Depth of well (from top of well casisng)  | 05ft                 |                                    |                 |                    |                                 |
| 5. Inside diameter of well   | _Q in.               |                                    |                 |                    |                                 |
|  | 95 <sub>gal.</sub>   |                                    |                 |                    |                                 |
| 7. Volume of water removed from well   |                      |                                    |                 |                    | at solid waste facility:        |
| 8. Volume of water added (if any)  | ) gal.               | 14. Total suspended solids         |                 | mg/l               | mg/l                            |
| 9. Source of water added   |                      | 15. COD                            |                 | mg/l               | mg/l                            |
|  |                      | 16. Well developed l               | v: Name (first  | last) and Fire     | m                               |
| 10. Analysis performed on water added?   | es 🗆 No              | First Name: Bus                    | ~ ~             | Last Nam           | Dompuny (GEC)                   |
| (If yes, attach results)   |                      | 1                                  |                 |                    | (101)                           |
| 17. Additional comments on development:  |                      | Firm: Of Acce-                     | ENSINA          | my L               | unpuny (GEC)                    |
| 17. Additional comments on development:  |                      |                                    |                 |                    | , ,                             |
|  |                      |                                    |                 |                    |                                 |
| Name and Address of Facility Contact/Owner/Responsitives   Last   Name:   Name | ble Party            | I hereby certify the               | at the above is | nformation         | is true and correct to the best |
| Facility/Firm: Permoter Soluli   | <u> </u>             | Signature:                         | -4              | $\sim$             |                                 |
| Street: 1570 Browfold AVA  | 2112                 | Print Name:                        | Br )            | bungs              | int                             |
| City/State/Zip: 6188~ Bay WI   | 54313                | Firm:                              | SFC             |                    | *                               |

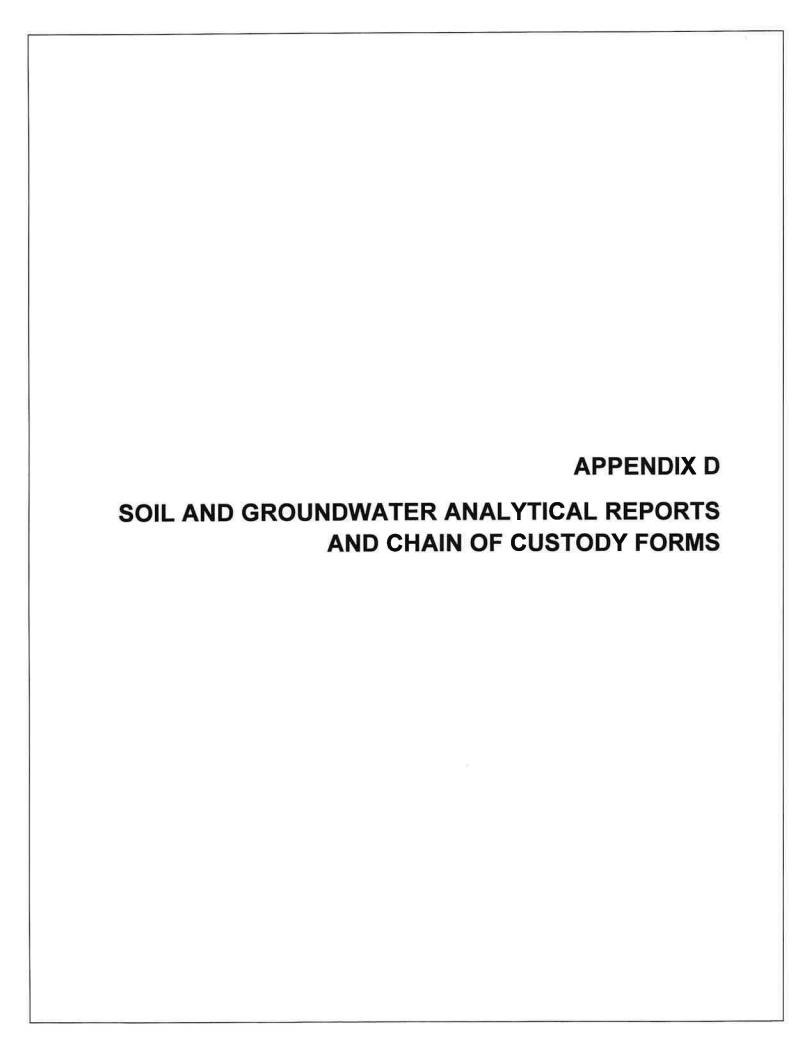
NOTE: See instructions for more information including a list of county codes and well type codes.

### State of Wisconsin Department of Natural Resources

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

| Remediation/Redevelopmer                                     |             | ther                                  |                     |                 |                                |
|--|-------------|---------------------------------------|---------------------|-----------------|--------------------------------|
| Facility/Project Name County I                               | <del></del> |                                       | Well Name           |                 |                                |
| The Solbers Co.  | 14          | ~LUC                                  | 1                   | NW-             | 3                              |
| Facility License, Permit or Monitoring Number County C       |             | s. Unique Well Nu                     |                     | ONR Well        | TD Number                      |
| 1. Can this well be purged dry? Yes D                        | 11.         | Depth to Water                        |                     |                 | After Development              |
| 2. Well development method                                   |             |                                       | a                   | _ <u>/_</u> ft_ | ft.                            |
| surged with bailer and bailed 💢 41                           |             | well casing)                          |                     |                 |                                |
| surged with bailer and pumped 61                             | - 1         |                                       | 1                   | •               | _                              |
| surged with block and bailed 4 2                             | - 1         | Date                                  | b/_6                | 1001            | y mm/dd/yyyy                   |
| surged with block and pumped \( \square 62                   |             |                                       | m m d d             | ууу             | y mm ddyyyy                    |
| surged with block, bailed and pumped 🔲 70                    |             |                                       | 5 111               | a.m.            |                                |
| compressed air   |             | Time                                  | c3: 77              | p.m.            | _1: <u>5</u> ≥  p.m.           |
| bailed only  |             |                                       |                     |                 |                                |
| pumped only  |             | Sediment in well                      |                     | _inches         | inches                         |
| pumped slowly \( \sqrt{50}                                   | 1           | bottom                                |                     |                 |                                |
| Other  | 13.         | Water clarity                         | Clear   10          | )               | Clear 🗶 20                     |
|  |             |                                       | Turbid 15           | i               | Turbid□ 25                     |
| 3. Time spent developing well                                |             |                                       | (Describe)          | ,               | (Describe)                     |
| 4. Depth of well (from top of well casisng) \$ 95 ft.        |             |                                       |                     |                 |                                |
| 5. Inside diameter of well                                   |             |                                       |                     |                 |                                |
|  |             |                                       |                     |                 |                                |
| 6. Volume of water in filter pack and well casing            | . 1         |                                       |                     |                 |                                |
|  |             | Lin if deilling fluid                 | de successorad and  | I wealt in a    | t solid waste facility:        |
| 7. Volume of water removed from well35, 0 gal                | Fit         | I DE IL CILLING DER                   | is were used and    | Well is a       | i sond waste facility.         |
| 7. Volume of water removed from wet gar                      |             | Total enemended                       |                     | ma/l            | mg/l                           |
| 8. Volume of water added (if any) gal.                       |             | solids                                |                     | gr              |                                |
| 9. Source of water added                                     | _ 15        | . COD                                 |                     | _ mg/l          | mg/l                           |
|  | _ 16.       | Well developed b                      | y: Name (first, las | at) and Firm    |                                |
| 10. Analysis performed on water added?                       | No E        | iret Name: RC                         | 4 N                 | T and Money     | Valence                        |
| (If yes, attach results)                                     |             | nativanc, io.                         | 0 -                 | rast name       | 1                              |
| N/A  | F           | im: Gener                             | of Engin            | PELLA           | Conguethe Congany COEC         |
| 17. Additional comments on development:                      |             |                                       | 0                   | )               |                                |
|  |             |                                       | ¥.                  |                 |                                |
|  |             |                                       |                     |                 |                                |
|  |             |                                       |                     |                 |                                |
|  |             |                                       |                     |                 |                                |
|  |             |                                       |                     |                 |                                |
|  |             |                                       |                     |                 |                                |
| Name and Address of Facility Contact/Owner/Responsible Party |             |                                       |                     | -               |                                |
| First Name: Mitch Last Name: Hubert                          |             | I hereby certify the of my knowledge. | at the above info   | mation is       | s true and correct to the best |
| Facility/Firm: Perimeter Solutions                           | Si          | gnature: 🏅                            | bo                  | _               |                                |
| Street: 1520 Brookfield Avenu                                | £ Pr        | int Name:                             | com Va              | SUNAIN          | 1014                           |
| City/State/Zip: Green Bay, WI 543                            | 313 F       | m: 61                                 | F= (                | 0               |                                |
| Citytotatotalp. Or Fix Tom / July                            | · 1 · "     |                                       |                     |                 |                                |

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



### CHAIN OF STODY RECORD

Lab I.D. #

QUOTE # :

# Sy.iergy

## Environmental Lab, Inc.

www.synergy-lab.net

| No 41629 |          |
|----------|----------|
|          | No 41629 |

#### Sample Handling Request

Date Required: Rush Analysis

|  |                           |                    |            |                 |                      | Appleton, V                 |               |                 |                      |                         |              |                | 100                    |                    |          |                 |                    | ound              | 51            | r autno | rizatio | пу       |             |
|--|---------------------------|--------------------|------------|-----------------|----------------------|-----------------------------|---------------|-----------------|----------------------|-------------------------|--------------|----------------|------------------------|--------------------|----------|-----------------|--------------------|-------------------|---------------|---------|---------|----------|-------------|
| Sampler: (signature)   | m from                    | <u> </u>           |            |                 | 920-830-             | 2455 • mrsy                 | ynergy@wi.t   | wcb             | 00.00                | m                       |              |                |                        | -                  | NOII     | lidi            | Tur                | IAI               | <b></b>       |         |         |          |             |
| Project (Name / Locat  | tion): USolber            | 16100              | n.K.       | 1               |                      |                             |               |                 | Д                    | naly                    | sis          | Req            | æste                   | ed                 |          |                 |                    |                   |               | 0       | ther A  | nalysi   | s           |
| Reports To: Bris   | - Voungal                 | W                  | Invoic     |                 |                      |                             |               |                 |                      |                         |              |                |                        |                    |          |                 |                    |                   |               |         |         |          |             |
| Company 6:E  | / 0                       |                    | Comp       | any             | 0                    | 1/-                         | -             |                 |                      |                         |              |                |                        |                    |          | ω<br>N          |                    |                   |               |         |         |          |             |
| Address 916  | Silvar Luko               | 01                 | Addre      | ess             |                      | 1/1/                        |               | ] <sub>(S</sub> | ଜ                    |                         |              |                |                        | 導                  |          | SOLIDS          |                    |                   |               |         |         |          |             |
| City State Zip $ ho_{\!b}$   | Ny W 539                  | ξδ/                | City 9     | State Zip       | V                    |                             |               | Sep 95)         | Sep 9                |                         |              |                | -                      | ALE                |          | )EO 3           | 4.2)               |                   |               |         |         |          |             |
| Phone 6086   | 97 80/0                   |                    | Phon       | iė              |                      |                             |               | 55<br>S         | 80                   |                         | 띯            | (023           | 8021                   | Ē                  |          | NE I            | A 52               | 7-15              | IALS          |         |         |          |             |
| Email  | ,                         |                    | Emai       | i               |                      |                             |               | Q Po            | 90                   | I N                     | HEA          | A 8%           | d d                    | NA.                | ш        | SUS             |                    | E DE              | ME            |         |         |          | PID/<br>FID |
| Lab I.D.   | Sample I.D.               | Collection<br>Date | on<br>Time | Filtered<br>Y/N | No. of<br>Containers | Sample<br>Type<br>(Matrix)* | Preservation  | ORO (Mod DRO    | GRO (Mod GRO Sep 95) | LEAD<br>MITRATE/NITRITE | OIL & GREASE | PAH (EPA 8270) | PCB<br>PVOC (FPA 8021) | PVOC + NAPHTHALENE | SULFATE  | TOTAL SUSPENDED | VOC DW (EPA 524.2) | VOC AIR (TO - 15) | 8-PCHA METALS |         |         |          |             |
| 5037275A   | MW.                       | 12/12/14           | A.A.       | N               | 9.                   | GW                          | Will          | I               |                      | I                       |              |                | Ţ                      | Y                  |          |                 |                    |                   |               |         |         |          |             |
| B  | MW: >                     | 1                  | $\perp$    | -               |                      |                             |               | -               | $\vdash$             | +                       | +-           | Н              | +                      | $\mathbb{H}$       | -        |                 | +                  | +                 | +             | -       |         | 1        | -           |
| 0  | Sunp                      |                    | 1          | 1               |                      | $\downarrow$                | 1             | t               | H                    | +                       | +            | H              |                        | 1                  | $\vdash$ | Н               |                    | +                 | Ħ             | +       |         | H        |             |
|  | Sarrp                     |                    | -r         |                 |                      |                             |               |                 |                      |                         |              |                |                        |                    |          |                 |                    |                   | П             |         |         |          |             |
|  |                           |                    |            |                 |                      |                             |               | +               | $\vdash$             | +                       | +            | Н              |                        | +                  | -        |                 |                    | +                 |               |         |         | -        | +           |
|  |                           |                    |            |                 |                      |                             |               | +               | $\vdash$             | +                       | +            |                |                        | t                  |          |                 | +                  |                   |               | +       |         |          | +           |
|  |                           |                    |            |                 |                      |                             |               |                 |                      |                         |              |                |                        |                    |          |                 |                    |                   |               |         |         |          |             |
|  |                           |                    |            |                 |                      |                             |               | -               | 1                    | -                       | -            |                | -                      | -                  |          |                 | -                  | +                 | H             |         |         | -        | _           |
|  |                           |                    |            |                 |                      |                             |               | -               | +                    | +                       | +            |                |                        | +                  | -        |                 | +                  |                   | ++            | +       |         | $\vdash$ | 1-          |
| Comments/Special   | al Instructions (*Specify | y groundwater '    | 'GW". E    | Drinking \      | vater "DW", V        | Vaste Water                 | "WW", Soil "S | ", A            | ir "A"               | , Oil,                  | Slu          | dge,           | etc.)                  |                    |          |                 |                    |                   | -             |         |         |          |             |
|  |                           |                    |            |                 |                      |                             |               |                 |                      |                         |              |                | •                      |                    |          |                 |                    |                   |               |         |         |          |             |
| Abutan Bat   |                           | 1                  | he de l'   | - 1 - 20/E-1    | Relinguish           | ed By: (sign)               |               | Tin             | пе                   |                         | Date         |                | Bec                    | elved              | l By:    | (sig            | n)                 |                   |               | 7       | Time    |          | Date        |
|  | tegrity - To be complete  | by receiving       | lab.       |                 | 1                    | 2                           |               | 1               |                      |                         |              | _/             | /<br>                  |                    |          |                 | 1                  |                   | 1             |         |         |          |             |
|  | od of Shipment:           | 200                | X          |                 |                      | 0                           |               | _               |                      |                         |              | 4)             | _                      |                    | Ц.       |                 |                    |                   |               |         |         |          |             |
| E STATE OF THE STA | , of Temp. Blank:         | °C On Ice:         |            | FIRE STATE      |                      |                             | . 110         | ^               |                      | 1                       | 1            | V              |                        |                    | Τ,       |                 | a                  | `\-               | 7             | _       |         | 11       | ιά          |
| Cooler sea   | al intact upon receipt:   | XYes               | NO         |                 | Heceived             | in Laboratory               | By: Will      | /               | -                    | 1                       | /            | ~              |                        | -                  | Time     | F.              | -                  | -1                |               | Da      | te: 12  | 113[     | 17          |

#### **CHAIN OF CUSTODY RECORD**

Lab I.D. # QUOTE # :

# Synergy

## Environmental Lab, Inc.

www.svnergy-lab.net

| Chain # | No 4 | 138 |
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Rush Analysis Date Required:

| Project #: 🔷 -                        | pject #: Q = \$19-37 1990 Prospect Ct. • Ap 920-830-2455 • mrsyner                                 |           |                      |            |               |                | Appleton, W   | VI 5                 | 491        | 4               |                |      |                 | (        |         |                    |                | •                 |               | -   |    | r autho  | rizatio  | on)         |
|---------------------------------------|--|-----------|----------------------|------------|---------------|----------------|---------------|----------------------|------------|-----------------|----------------|------|-----------------|----------|---------|--------------------|----------------|-------------------|---------------|-----|----|----------|----------|-------------|
| Sampler: (signature)                  | oler: (signature) 13 4 5 920-830-2455 • mrsynergy (ct (Name / Location): Perimeter Solvins         |           |                      |            |               |                | ynergy@wi.ti  | wcb                  | Ç.Ç        | om              |                |      | -               |          | _ IVI   | onn                | aı ı           | um                | Arc           | und |    |          |          |             |
|                                       |  | er S      | Solvi                | 5 m 5      |               |                |               |                      |            | Ana             | lysis          | Re   | que             | stec     | 1       |                    |                |                   |               |     | 01 | ther A   | nalys    | is          |
| Reports To: ${\mathcal B}_{\epsilon}$ | eth tohn an  |           | Invoid               | æ To:      |               |                |               |                      |            |                 |                |      |                 |          |         |                    |                |                   |               |     |    |          |          |             |
| Company 65                            |  |           | Comp                 | оапу       | 5             |                |               |                      |            |                 |                |      |                 |          |         | ٧                  | 2              |                   |               |     |    |          |          |             |
| Address 9/16                          | Silver Lake D  |           | Addr                 | ess 🔪      | -             | 2              |               | <b>₽</b>             | <u>6</u>   |                 |                |      |                 |          | 띶       | 201100             |                |                   |               |     |    |          |          |             |
| City State Zip                        | Silver Lake Dertage, Wit 5   | 3901      | City 9               | State Zip  |               | ne             |               | Sep 95)              | e dag      |                 |                |      |                 |          | ALE     | į,                 | 2 2            |                   | _             |     |    |          |          |             |
| Phone (168                            | -657-8004  |           | Phor                 | ne         |               |                |               | S OF                 | ROS        |                 | #   H          | 1 6  |                 | 3021)    | Ŧ       | T V                | 52 K           | 600               | 1- 15         | ALS |    |          |          |             |
| Email beaden                          | and a general engrees  | - net     | Emai                 | il .       |               |                |               | 8                    | 5 po       |                 |                | A 82 |                 | EPA :    | NAP     | <u>ш</u> [         |                | PA B              | 3,00          | E E |    |          |          | PID/<br>FID |
| Lab I.D.                              | Collection Filtered No. of Sample Type (Matrix)*  Containers (Matrix)*  Containers (Matrix)*       |           |                      |            |               | Preservation   | M) OHO        | GRO (Mod GRO Sep 95) | LEAD       | NITRATE/NITRITE | PAH (EPA 8270) | PCB  | PVOC (EPA 8021) | PVOC+    | SULFATE | VOC DW (FPA 524.2) | VOC (EPA 8260) | VOC AIR (TO - 15) | 8-RCRA METALS |     |    |          |          |             |
| 5057153 A                             | Bollmw-1   |           |                      | N          | Ų             | 5              | MESH          |                      | 1          |                 |                |      |                 | _        | X       | _                  | 1              |                   |               |     |    |          |          |             |
| B                                     | B-2/1mv 2  |           | 11:00                | N          | <u> </u>      | 5_             | MEST          | -                    |            |                 | -              |      |                 |          | C       | +                  | +              |                   |               |     | -  |          | 1        |             |
|                                       | B-3/mu-3   | 11/5/     | ( <del>)</del> ,(40) | $\sim$     | ઝ             | 3              | MOH           | -                    |            |                 |                |      |                 | - 3      | X       | +                  | +              |                   |               |     |    |          |          |             |
|                                       |  |           | 3.0                  |            |               |                |               |                      |            |                 |                |      |                 |          |         |                    |                |                   |               |     |    |          |          |             |
|                                       |  |           |                      |            |               |                |               |                      | -          |                 | -              | -    |                 |          |         | +                  | 1              | 1                 | -             |     | 4  |          |          | 1           |
|                                       |  | -         |                      |            | -             |                |               | -                    | +          | -               | +              | +    | +               | -        |         | +                  | +              | +                 | 1             |     | +  |          | +        | +           |
|                                       |  |           |                      |            |               |                |               |                      |            |                 |                |      |                 |          |         |                    |                |                   |               |     |    |          |          |             |
|                                       |  |           |                      |            |               |                |               |                      |            |                 |                |      |                 |          |         | 1                  | 1              | _                 |               |     | 1  |          |          |             |
|                                       | 1  |           |                      |            |               |                |               | -                    | +          |                 | +              | +    | $\vdash$        |          |         | +                  | +              | -                 | -             | H   |    |          | $\vdash$ | +           |
| Comments/Spe                          | cial Instructions (*Specify gr   | oundwater | "GW", [              | Drinking V | Vater "DW", V | Vaste Water    | "WW", Soil "S | ", A                 | ir "A      | ", Oi           | I, Şlı         | udge | , etc           | L<br>:.) |         |                    |                |                   | _             |     |    |          |          |             |
|                                       | -6   | mail      | re Si                | Sts        | & E           | 244            |               |                      |            |                 |                |      |                 |          |         |                    |                |                   |               |     |    |          |          |             |
| Met                                   | Integrity - To be completed to   | 4         |                      |            | Relinquish    | ned By: (sign) | 5th.          | 3:                   | one<br>log |                 | Da<br>/ {/     |      | A R             | eceir    | ved I   | By: (:             | sign)          |                   |               |     |    | Time     |          | Date        |
|                                       | Temp. of Temp. Blank:°C On Ice: Cooler seal intact upon receipt: Yes No Received in Laboratory By: |           |                      |            |               |                |               | 1                    | 1          |                 | , P            |      |                 |          | Ti      | me:                | 1              | 57                | CO            |     | Da | ite: [L] | 1311     | - 9         |

## Synergy Environmental Lab, INC

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

BRIAN YOUNGWIRTH GENERAL ENGINEERING 916 SILVER LAKE DRIVE PORTAGE, WI 53901

Report Date 23-Dec-19

Project Name SOLBERG/GREEN BAY

Project #

Lab Code5037275ASample IDMW-1Sample MatrixWater

Sample Date 12/1

| Sample Date          | 12/13/2019 | 9      |      |       |       |     |          |          |            |         |      |
|----------------------|------------|--------|------|-------|-------|-----|----------|----------|------------|---------|------|
|                      |            | Result | Unit | LOD I | LOQ 1 | Dil | Method   | Ext Date | Run Date   | Analyst | Code |
| Organic              |            |        |      |       |       |     |          |          |            |         |      |
| PVOC + Naph          | thalene    |        |      |       |       |     |          |          |            |         |      |
| Benzene              |            | 1.54   | ug/l | 0.32  | 1.02  | 1   | GRO95/80 | )21      | 12/20/2019 | CJR     | 1    |
| Ethylbenzene         |            | < 0.29 | ug/l | 0.29  | 0.94  | 1   | GRO95/80 | )21      | 12/20/2019 | CJR     | 1    |
| Methyl tert-butyl et | her (MTBE) | < 0.24 | ug/I | 0.24  | 0.78  | 1   | GRO95/80 | 021      | 12/20/2019 | CJR     | 1    |
| Naphthalene          |            | < 1.3  | ug/l | 1.3   | 4.1   | 1   | GRO95/80 | 021      | 12/20/2019 | CJR     | 1    |
| Toluene              |            | < 0.29 | ug/l | 0.29  | 0.93  | 1   | GRO95/80 | 021      | 12/20/2019 | CJR     | 1    |
| 1,2,4-Trimethylben:  | zene       | < 0.46 | ug/l | 0.46  | 1.46  | 1   | GRO95/80 | 021      | 12/20/2019 | CJR     | 1    |
| 1,3,5-Trimethylben:  | zene       | < 0.67 | ug/l | 0.67  | 2.15  | 1   | GRO95/80 | 021      | 12/20/2019 | CJR     | 1    |
| m&p-Xylene           |            | < 0.52 | ug/l | 0.52  | 1.67  | 1   | GRO95/80 | 21       | 12/20/2019 | CJR     | 1    |
| o-Xylene             |            | < 0.7  | ug/l | 0.7   | 2.24  | 1   | GRO95/80 | 21       | 12/20/2019 | CJR     | 1    |

Invoice # E37275

Project Name SOLBERG/GREEN BAY Invoice # E37275

Project #

Lab Code5037275BSample IDMW-2Sample MatrixWaterSample Date12/13/2019

|                                | Result | Unit | LOD  | LOQ  | Dil | Method   | <b>Ext Date</b> | Run Date   | Analyst | Code |
|--------------------------------|--------|------|------|------|-----|----------|-----------------|------------|---------|------|
| Organic                        |        |      |      |      |     |          |                 |            |         |      |
| PVOC + Naphthalene             |        |      |      |      |     |          |                 |            |         |      |
| Benzene                        | < 0.32 | ug/l | 0.32 | 1.02 | 1   | GRO95/80 | 021             | 12/16/2019 | CJR     | 1    |
| Ethylbenzene                   | < 0.29 | ug/l | 0.29 | 0.94 | 1   | GRO95/80 | 021             | 12/16/2019 | CJR     | 1    |
| Methyl tert-butyl ether (MTBE) | < 0.24 | ug/l | 0.24 | 0.78 | 1   | GRO95/80 | 021             | 12/16/2019 | CJR     | 1    |
| Naphthalene                    | < 1.3  | ug/l | 1.3  | 4.1  | 1   | GRO95/80 | )21             | 12/16/2019 | CJR     | 1    |
| Toluene                        | < 0.29 | ug/l | 0,29 | 0.93 | 1   | GRO95/80 | )21             | 12/16/2019 | CJR     | 1    |
| 1,2,4-Trimethylbenzene         | < 0.46 | ug/l | 0.46 | 1.46 | 1   | GRO95/80 | 021             | 12/16/2019 | CJR     | 1    |
| 1,3,5-Trimethylbenzene         | < 0.67 | ug/l | 0.67 | 2.15 | 1   | GRO95/80 | 021             | 12/16/2019 | CJR     | 1    |
| m&p-Xylene                     | < 0.52 | ug/l | 0.52 | 1.67 | 1   | GRO95/80 | )21             | 12/16/2019 | CJR     | 1    |
| o-Xylene                       | < 0.7  | ug/l | 0.7  | 2,24 | 1   | GRO95/80 | 021             | 12/16/2019 | CJR     | 1    |

Lab Code5037275CSample IDMW-3Sample MatrixWaterSample Date12/13/2019

| •                              | Result   | Unit | LOD 1 | L <b>OQ</b> | Dil | Method   | Ext Date | Run Date   | Analyst | Code |
|--------------------------------|----------|------|-------|-------------|-----|----------|----------|------------|---------|------|
| Organic                        |          |      |       |             |     |          |          |            |         |      |
| PVOC + Naphthalene             |          |      |       |             |     |          |          |            |         |      |
| Benzene                        | < 0.32   | ug/l | 0.32  | 1.02        | 1   | GRO95/80 | 21       | 12/17/2019 | CJR     | 1    |
| Ethylbenzene                   | < 0,29   | ug/l | 0.29  | 0,94        | 1   | GRO95/80 | 21       | 12/17/2019 | CJR     | 1    |
| Methyl tert-butyl ether (MTBE) | < 0.24   | ug/l | 0.24  | 0.78        | 1   | GRO95/80 | 21       | 12/17/2019 | CJR     | 1    |
| Naphthalene                    | < 1.3    | ug/l | 1,3   | 4.1         | 1   | GRO95/80 | 21       | 12/17/2019 | CJR     | 1    |
| Toluene                        | 0.46 "J" | ug/l | 0.29  | 0.93        | 1   | GRO95/80 | 21       | 12/17/2019 | CJR     | 1    |
| 1,2,4-Trimethylbenzene         | < 0.46   | ug/l | 0.46  | 1,46        | 1   | GRO95/80 | 21       | 12/17/2019 | CJR     | 1    |
| 1,3,5-Trimethylbenzene         | < 0.67   | ug/l | 0.67  | 2.15        | 1   | GRO95/80 | 21       | 12/17/2019 | CJR     | 1    |
| m&p-Xylene                     | < 0.52   | ug/l | 0.52  | 1,67        | 1   | GRO95/80 | 21       | 12/17/2019 | CJR     | 1    |
| o-Xylene                       | < 0.7    | ug/l | 0.7   | 2.24        | 1   | GRO95/80 | 21       | 12/17/2019 | CJR     | 1    |

Lab Code5037275DSample IDSUMPSample MatrixWaterSample Date12/13/2019

| Pro 2 mil            |            |            |       |      |     |          |          |            |         |      |  |
|----------------------|------------|------------|-------|------|-----|----------|----------|------------|---------|------|--|
|                      | Re         | esult Unit | LOD   | LOQ  | Dil | Method   | Ext Date | Run Date   | Analyst | Code |  |
| Organic              |            |            |       |      |     |          |          |            |         |      |  |
| PVOC + Napl          | nthalene   |            |       |      |     |          |          |            |         |      |  |
| Benzene              | 23.        | 4 ug/      | 3.2   | 10.2 | 10  | GRO95/80 | 21       | 12/17/2019 | CJR     | 1    |  |
| Ethylbenzene         | 35         | ug/        | 1 2.9 | 9.4  | 10  | GRO95/80 | 21       | 12/17/2019 | CJR     | 1    |  |
| Methyl tert-butyl et | her (MTBE) | < 2.4 ug/  | 2.4   | 7.8  | 10  | GRO95/80 | 21       | 12/17/2019 | CJR     | 1    |  |
| Naphthalene          | 15.        | 8 "J" ug/  | 1 13  | 41   | 10  | GRO95/80 | 21       | 12/17/2019 | CJR     | 1    |  |
| Toluene              | 6.8        | "J" ug/    | 1 2.9 | 9.3  | 10  | GRO95/80 | 21       | 12/17/2019 | CJR     | 1    |  |
| 1,2,4-Trimethylben   | zene 133   | ug/        | 1 4.6 | 14.6 | 10  | GRO95/80 | 21       | 12/17/2019 | CJR     | 1    |  |
| 1,3,5-Trimethylben   | zene 23    | ug/l       | 6.7   | 21.5 | 10  | GRO95/80 | 21       | 12/17/2019 | CJR     | 1    |  |
| m&p-Xylene           | 73         | ug/l       | 5.2   | 16.7 | 10  | GRO95/80 | 21       | 12/17/2019 | CJR     | 1    |  |
| o-Xylene             | 28.        | 1 ug/l     | 1 7   | 22.4 | 10  | GRO95/80 | 21       | 12/17/2019 | CJR     | 1    |  |

Project Name SOLBERG/GREEN BAY Invoice # E37275

Project #

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

Michaelflul

LOQ Limit of Quantitation

Code

Comment

1 Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

**Authorized Signature** 

## Synergy Environmental Lab, INC

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

BETH ERDMAN GENERAL ENGINEERING 916 SILVER LAKE DRIVE PORTAGE, WI 53901

Report Date 21-Nov-19

Project Name PERIMETER SOLUTIONS Invoice # E37153

**Project #** 2-0919-37

Lab Code5037153ASample IDB-1/MW-1Sample MatrixSoil

Sample Date 11/19/2019

|                                | Result  | Unit  | LOD   | LOQ   | Dil |   | Method  | Ext Date | Run Date   | Analyst | Code |
|--------------------------------|---------|-------|-------|-------|-----|---|---------|----------|------------|---------|------|
| General                        |         |       |       |       |     |   |         |          |            |         |      |
| General                        |         |       |       |       |     |   |         |          |            |         |      |
| Solids Percent                 | 81.8    | %     |       |       |     | 1 | 5021    |          | 11/20/2019 | NJC     | 1    |
| Organic                        |         |       |       |       |     |   |         |          |            |         |      |
| PVOC + Naphthalene             |         |       |       |       |     |   |         |          |            |         |      |
| Benzene                        | < 0.025 | mg/kg | 0.018 | 0.056 | i   | 1 | GRO95/8 | 021      | 11/20/2019 | CJR     | 1    |
| Ethylbenzene                   | < 0.025 | mg/kg | 0.015 | 0.047 |     | 1 | GRO95/8 | 021      | 11/20/2019 | CJR     | 1    |
| Methyl tert-butyl ether (MTBE) | < 0.025 | mg/kg | 0.014 | 0.045 |     | 1 | GRO95/8 | 021      | 11/20/2019 | CJR     | 1    |
| Naphthalene                    | < 0.025 | mg/kg | 0.025 | 0.01  |     | 1 | GRO95/8 | 021      | 11/20/2019 | CJR     | 1    |
| Toluene                        | < 0.025 | mg/kg | 0.013 | 0.055 |     | 1 | GRO95/8 | 021      | 11/20/2019 | CJR     | 1    |
| 1,2,4-Trimethylbenzene         | < 0.025 | mg/kg | 0.015 | 0.048 |     | 1 | GRO95/8 | 021      | 11/20/2019 | CJR     | 1    |
| 1,3,5-Trimethylbenzene         | < 0.025 | mg/kg | 0.011 | 0.036 |     | 1 | GRO95/8 | 021      | 11/20/2019 | CJR     | 1    |
| m&p-Xylene                     | < 0.05  | mg/kg | 0.026 | 0.083 |     | 1 | GRO95/8 | 021      | 11/20/2019 | CJR     | 1    |
| o-Xylene                       | < 0.025 | mg/kg | 0.013 | 0.056 |     | 1 | GRO95/8 | 021      | 11/20/2019 | CJR     | 1    |

Project Name PERIMETER SOLUTIONS Invoice # E37153

 Project #
 2-0919-37

 Lab Code
 5037153B

 Sample ID
 B-2/MW-2

 Sample Matrix
 Soil

 Sample Date
 11/19/2019

|                                | Result  | Unit  | LOD   | LOQ   | Dil | Method  | Ext Date | Run Date   | Analyst | Code |
|--------------------------------|---------|-------|-------|-------|-----|---------|----------|------------|---------|------|
| General                        |         |       |       |       |     |         |          |            |         |      |
| General                        |         |       |       |       |     |         |          |            |         |      |
| Solids Percent                 | 83.0    | %     |       |       | 1   | 5021    |          | 11/20/2019 | NJC     | 1    |
| Organic                        |         |       |       |       |     |         |          |            |         |      |
| PVOC + Naphthalene             |         |       |       |       |     |         |          |            |         |      |
| Benzene                        | < 0.025 | mg/kg | 0.018 | 0.056 | 1   | GRO95/8 | 021      | 11/20/2019 | CJR     | 1    |
| Ethylbenzene                   | < 0.025 | mg/kg | 0.015 | 0.047 | 1   | GRO95/8 | 021      | 11/20/2019 | CJR     | 1    |
| Methyl tert-butyl ether (MTBE) | < 0.025 | mg/kg | 0.014 | 0.045 | 1   | GRO95/8 | 021      | 11/20/2019 | CJR     | 1    |
| Naphthalene                    | < 0.025 | mg/kg | 0.025 | 0.01  | 1   | GRO95/8 | 021      | 11/20/2019 | CJR     | 1    |
| Toluene                        | < 0.025 | mg/kg | 0.013 | 0.055 | 1   | GRO95/8 | 021      | 11/20/2019 | CJR     | 1    |
| 1,2,4-Trimethylbenzene         | < 0.025 | mg/kg | 0.015 | 0.048 | 1   | GRO95/8 | 021      | 11/20/2019 | CJR     | 1    |
| 1,3,5-Trimethylbenzene         | < 0.025 | mg/kg | 0.011 | 0.036 | 1   | GRO95/8 | 021      | 11/20/2019 | CJR     | 1    |
| m&p-Xylene                     | < 0.05  | mg/kg | 0.026 | 0.083 | 1   | GRO95/8 | 021      | 11/20/2019 | CJR     | 1    |
| o-Xylene                       | < 0.025 | mg/kg | 0.013 | 0.056 | 1   | GRO95/8 | 021      | 11/20/2019 | CJR     | 1    |

Lab Code 5037153C Sample ID B-3/MW-3 Sample Matrix Soil

**Sample Date** 11/19/2019

| Sample Date            | 11/1/2017 |         |       |       |       |     |         |          |            |         |      |
|------------------------|-----------|---------|-------|-------|-------|-----|---------|----------|------------|---------|------|
|                        |           | Result  | Unit  | LOD   | LOQ   | Dil | Method  | Ext Date | Run Date   | Analyst | Code |
| General                |           |         |       |       |       |     |         |          |            |         |      |
| General                |           |         |       |       |       |     |         |          |            |         |      |
| Solids Percent         |           | 82.1    | %     |       |       | 1   | 5021    |          | 11/20/2019 | NJC     | 1    |
| Organic                |           |         |       |       |       |     |         |          |            |         |      |
| PVOC + Napht           | halene    |         |       |       |       |     |         |          |            |         |      |
| Benzene                |           | < 0.025 | mg/kg | 0.018 | 0.056 | 1   | GRO95/8 | 021      | 11/21/2019 | CJR     | 1    |
| Ethylbenzene           |           | < 0.025 | mg/kg | 0.015 | 0.047 | 1   | GRO95/8 | 021      | 11/21/2019 | CJR     | 1    |
| Methyl tert-butyl ethe | er (MTBE) | < 0.025 | mg/kg | 0.014 | 0.045 | 1   | GRO95/8 | 021      | 11/21/2019 | CJR     | 1    |
| Naphthalene            |           | < 0.025 | mg/kg | 0.025 | 0.01  | 1   | GRO95/8 | 021      | 11/21/2019 | CJR     | 1    |
| Toluene                |           | < 0.025 | mg/kg | 0.013 | 0.055 | 1   | GRO95/8 | 021      | 11/21/2019 | CJR     | 1    |
| 1,2,4-Trimethylbenze   | ene       | < 0.025 | mg/kg | 0.015 | 0.048 | 1   | GRO95/8 | 021      | 11/21/2019 | CJR     | 1    |
| 1,3,5-Trimethylbenze   | ene       | < 0.025 | mg/kg | 0.011 | 0.036 | 1   | GRO95/8 | 021      | 11/21/2019 | CJR     | 1    |
| m&p-Xylene             |           | < 0.05  | mg/kg | 0.026 | 0.083 | 1   | GRO95/8 | 021      | 11/21/2019 | CJR     | 1    |
| o-Xylene               |           | < 0.025 | mg/kg | 0.013 | 0.056 | 1   | GRO95/8 | 021      | 11/21/2019 | CJR     | 1    |

Project Name PERIMETER SOLUTIONS Invoice # E37153

Project # 2-0919-37

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection

LOQ Limit of Quantitation

Code Comment

Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Michaelplul

**Authorized Signature**