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April 3, 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 Report 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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THE SOLBERG COMPANY

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INTRODUCTION

General

This report presents a summary of the second round of groundwater sampling 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 completed investigation activities was to further evaluate the degree and extent of groundwater contamination associated with 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 additional investigation activities included collection of groundwater samples form the monitoring wells and a sump within oil water separator tank basin, 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 spill. 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, and 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 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 time. GEC will further evaluate the potable wells in the relative vicinity of the Subject Site, however based on the performed groundwater sampling rounds, it does not appear that contaminated groundwater extends appreciably beyond the oil/water separator system and potable well impacts are unlikely.

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 a 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 or 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 by a carbon filtration system. Groundwater samples were collected (Frac 1, 2, 3, 4, Water Tank and Sump Above Oil Tank) in order to properly dispose of the collected water at the Green Bay Metro Sewerage District. The test results of the collected samples are summarized on Table A.1, Appendix B.

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. Soil analytical results are summarized on Table A.2 in Appendix B.

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 (GW-1 to GW-3) and the UST excavation (GW UST) 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 (GW UST); contained benzene (95 micrograms per liter (µg/l)), naphthalene (186 J ug/l), toluene (1,380 ug/l), total trimethylbenzenes (1,266 ug/l) and total xylenes (3,210 µg/l), all exceeding the WAC NR 140 enforcement standards (ES). Groundwater test results from the water GW-1 to GW-3 and GW UST are summarized on Table A.1, Appendix B.

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 GEC was subsequently retained to perform a site investigation.

Three soil borings (B-1 to B-3) were advanced on the property on November 19, 2019. The borings were advanced just beyond the tank system and 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. Soil samples were scanned with a photoionization detector (PID). PID readings were not detected in the collected soils samples. 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 and 2 inch monitoring wells were installed (MW-1 through MW-2). The monitoring wells were developed on November 26, 2019. The soil boring and monitoring well locations are shown of Figure 3, Appendix A.

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.

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. Soil analytical results are summarized on Table A.2, Appendix B.

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. The groundwater sample collected from the sump at the northwest end of the tank system reported benzene at a concentration of 23.4 µg/L, which exceeds its WAC NR 140 ES of 5 µg/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. Groundwater analytical results are summarized on Table A.1, Appendix B.

The results of the initial investigation activities were summarized in Status Update submitted to the WDNR on January 8, 2020. The groundwater sampling round recommended within the Status Update is discussed herein.

GROUNDWATER MONITORING ACTIVITIES

Groundwater Sampling

One round of groundwater samples was collected from monitoring wells MW-1 to MW-3 and the tank sump on March 24, 2020. Groundwater samples were submitted for laboratory analysis for the presence of PVOCs and/or 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 rounds on December 13, 2019, and March 24, 2020. 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 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 groundwater elevation data, the groundwater flow appears to be toward the southwest. A groundwater flow map for December 13, 2019 is included in Figure 4, Appendix A. 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

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 37 µg/L, which exceeds its WAC NR 140 ES of 5 µg/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 C.

CONCLUSIONS

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 system. In addition, the contaminant concentrations within groundwater appear to have been substantially reduced from those detected during the spill response and groundwater removal activities. However, due to the slight increase in the concentration of benzene in the groundwater sample collected from the Sump from 23.4 µg/L to 37 µg/L, it is recommended that two additional rounds of quarterly groundwater samples (sampling rounds 3 and 4) be collected to further evaluate the stability of the groundwater contaminant plume. Pending the results of sampling rounds 3 and 4 and the confirmation of stable and/or decreasing trends within the groundwater contaminant plume, it is recommended that a Site Investigation Report and Closure Request be submitted, respectively, subject to the review and concurrence of the WDNR.

With regard to vapors, 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.

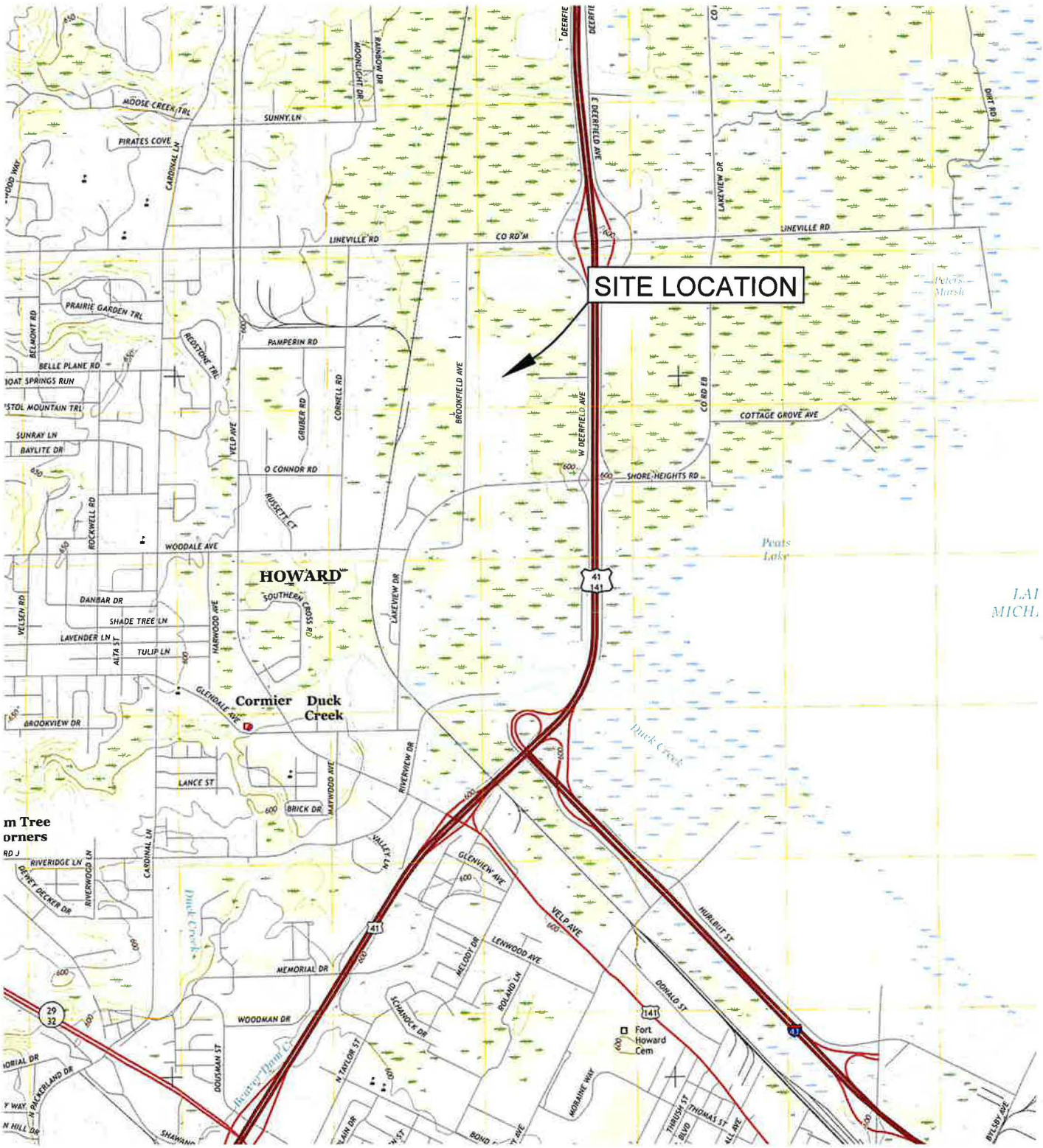
GENERAL COMMENTS

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.

APPENDIX A

FIGURES



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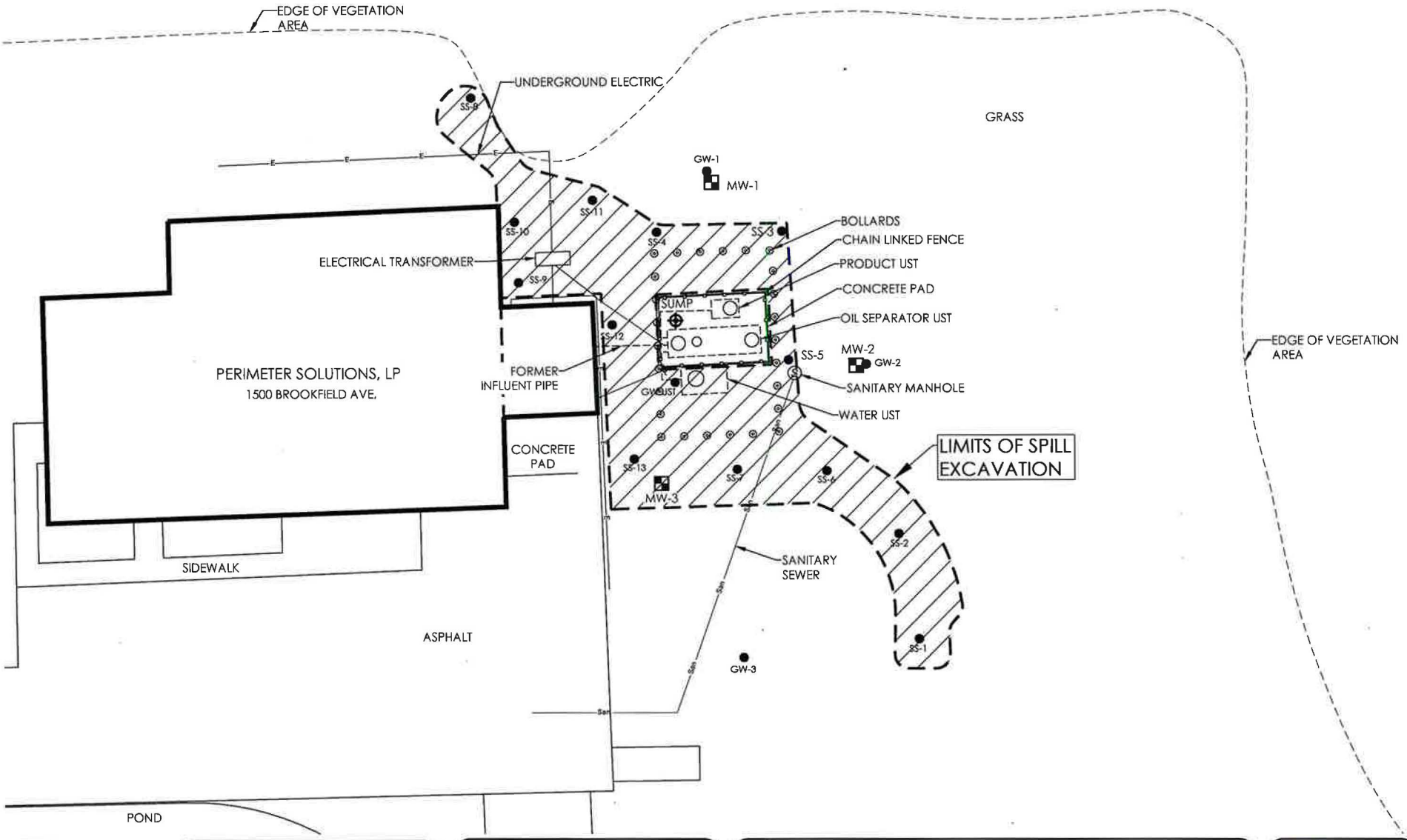
SITE LOCATION MAP

PERIMETER SOLUTIONS
SOLBEERG COMPANY
1520 BROOKFIELD AVE.
VILLAGE OF HOWARD
BROWN COUNTY, WI

DRAWN BY	LMB
REVIEWED BY	KSP
ISSUE DATE	DEC 2019
GEC FILE NO.	2-0919-397
SHEET NO.	

FIGURE 1



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LEGEND

- MW-2 — MONITORING WELL LOCATION
- CS-8 — OVER EXCAVATION SOIL SAMPLE LOCATION
- TANK SUMP
- LIMITS OF UST EXCAVATION

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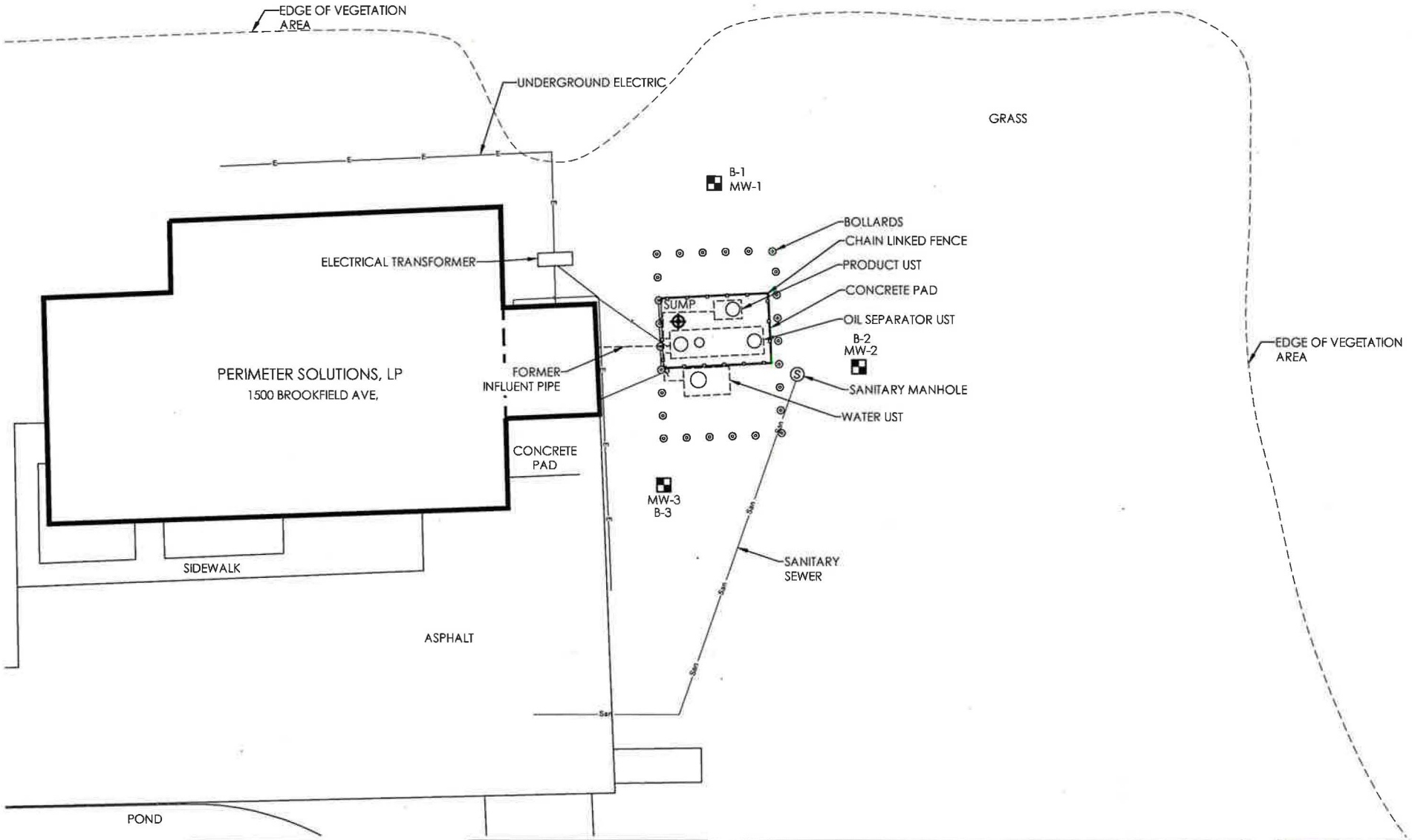
SITE PLAN, LIMITS OF SPILL EXCAVATION & SOIL SAMPLE LOCATIONS

PERIMETER SOLUTION
1500 BROOKFIELD AVE.
VILLAGE OF HOWARD
BROWN COUNTY, WI

GEC

DRAWN BY	KSP
REVIEWED BY	LMB
ISSUE DATE	DEC 2019
GEC FILE NO.	2-0919-397
SHEET NO.	

FIGURE 2



LEGEND

MW-2 B-2 — SOIL BORING & MONITORING WELL LOCATION

TANK SUMP

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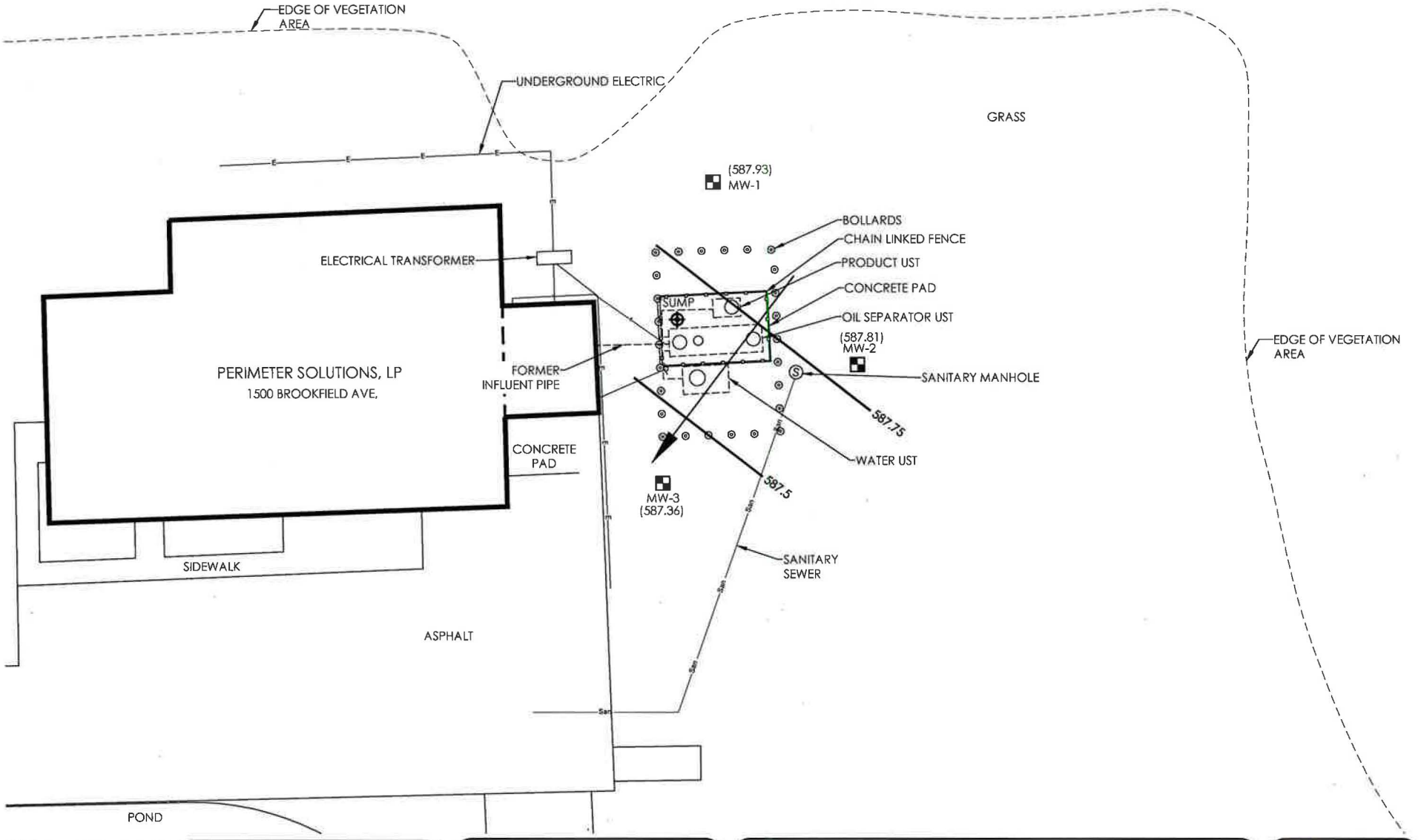
SOIL BORING & MONITORING WELL LOCATIONS
PERIMETER SOLUTION
SOLBERG COMPANY
1520 BROOKFIELD AVE.
VILLAGE OF HOWARD
BROWN COUNTY, WI

DRAWN BY	KSP
REVIEWED BY	LMB
ISSUE DATE	DEC 2019
GEC FILE NO.	2-0919-397
SHEET NO.	

FIGURE 3



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LEGEND

MW-2 / B-2 — SOIL BORING & MONITORING WELL LOCATION

TANK SUMP

General Engineering Company

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GROWNDWATER FLOW DIRECTION
DECEMBER 13, 2019
PERIMETER SOLUTION
1520 BROOKFIELD AVE.
VILLAGE OF HOWARD
BROWN COUNTY, WI

GEC

DRAWN BY	KSP
REVIEWED BY	LMB
ISSUE DATE	DEC 2019
GEC FILE NO.	2-0919-397
SHEET NO.	FIGURE 4

APPENDIX B

TABLES

TABLE A.1.
GROUNDWATER ANALYTICAL RESULTS
THE SOLBERG COMPANY

Monitoring Well	NR 140		Water Tank		Sump Above Oil Tank			FRAC 1					FRAC 2					FRAC 3	FRAC 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 Farenheit)																				
Flashpoint	NE	NE	100	NA	110	125	NA	>150	NA	>200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PETROLEUM VOLATILE ORGANIC COMPOUNDS (PVOC) (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			*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			**710**	**1930**	**3600**	**3500**	**1900**	**1400**	*340*	*252*	*194*	48	*690*	*450*	*200*	*186*	*109*	40	**1390**	*410*

NE = NR 140 Standard Not Established
J = Analyte detected above laboratory limit of detection but below limit of quantitation.
D = Result not applicable due to sample dilution
Bold indicates analytical results above NR 140 ES
Italics indicates analytical results above NR 140 PAL
NA= Parameter not analyzed
µg/L=micrograms per liter
mg/L=miligrams per liter

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	3/24/2020	12/13/2019	3/24/2020	12/13/2019	3/24/2020	12/13/2019	3/24/2020
PETROLEUM VOLATILE ORGANIC COMPOUNDS (PVOC) (µg/L)														
Benzene	5	0.5	<0.32	<0.32	<0.32	**95**	*1.54*	*0.88J*	<0.32	<0.48	<0.32	<0.48	**23.4**	**37**
Ethylbenzene	700	140	<0.29	<0.29	<0.29	*305*	<0.29	<0.55	<0.29	<0.55	<0.29	<0.55	35	45
Methyl tert-butyl ether	60	12	<0.24	<0.24	<0.24	<12	<0.24	<0.71	<0.24	<0.71	<0.24	<0.71	<2.4	<0.71
Naphthalene	100	10	<1.3	<1.3	<1.3	**186J**	<1.3	NA	<1.3	NA	<1.3	NA	*15.8J*	*26.6*
Toluene	800	160	<0.29	<0.29	<0.29	**1,380**	<0.29	<0.62	<0.29	<0.62	0.46J	<0.62	6.8J	3.7
1,2,4 -Trimethylbenzene	480	96	<0.46	<0.46	<0.46	**840**	<0.46	<0.71	<0.46	<0.71	<0.46	<0.71	*133*	*210*
1,3,5 -Trimethylbenzene			<0.67	<0.67	<0.67	**226**	<0.67	<0.66	<0.67	<0.66	<0.67	<0.66	23	51
Xylenes, -m, -p	2,000	400	<1.22	<1.22	<1.22	**3,210**	<1.22	<2.04	<1.22	<2.04	<1.22	<2.04	101.1	72
Xylenes, -o														

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 Industrial Direct Contact RCL	WDNR Non-Industrial Direct Contact RCL	WDNR Soil to Groundwater RCL	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	SS-9	SS-10	SS-11	SS-12	SS-13
Sampling Date				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)				6 inches	6 inches	6 inches	6 inches	6 inches	6 inches	6 inches	8 inches	4 inches	4 inches	6 inches	6 inches	6 inches
Saturated/Unsaturated				US	US	US	US	US	US	US	US	US	US	US	US	US
VOLATILE ORGANIC COMPOUNDS (VOCs) (µg/kg)																
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	818000	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		<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, -o				<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25

J = Analyte detected above laboratory limit of detection but below limit of quantitation.
Bold indicates analytical results exceed NR 720 RCL
RCL = Residual Contaminant Level
DCL = Direct-Contact Levels
NA = Parameter not analyzed
NE = NR 720 RCL not established

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

Sample No. / Sampling Date / Sample Depth (feet)	Non Cancer RCL Non-Industrial	Cancer RCL Non-Industrial	WDNR Non-Industrial Direct Contact RCL	WDNR Soil to Groundwater RCL	B-1 11/19/2019 2.5-5 (U/S)	B-2 11/19/2019 2.5-5 (U/S)	B-3 11/19/2019 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
Toluene	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		<25	<25	<25
Xylenes, -m, -p	818,000	NE	260,000	3,960	<75	<75	<75
Xylenes, -o							

J = Analyte detected above laboratory limit of detection but below limit of quantitation.
Bold indicates analytical results exceed NR 720 RCL
Italic indicates analytical results exceeds Direct Contact RCL
S=Saturated U=Unsaturated
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 Well Number	Top of Well Casing Elevation (MSL)	Ground Surface Elevation (MSL)	Screened Interval Elevation (MSL)	Date Measured	Depth To Water Below Top Of Casing (Ft.)	Groundwater Elevation (Ft.) (MSL)
MW-1	590.63	588.80	585.58 575.58	11/26/2019	2.61	588.02
				12/13/2019	2.70	587.93
				3/24/2020	2.65	587.98
MW-2	590.84	588.96	585.79 575.79	11/26/2019	3.01	587.83
				12/13/2019	3.03	587.81
				3/24/2020	3.00	587.84
MW-3	590.88	588.95	585.83 575.83	11/26/2019	6.97	583.91
				12/13/2019	3.52	587.36
				3/24/2020	3.24	587.64

Elevations are referenced to Mean Sea Level (MSL).
ft = feet

APPENDIX C

LABORATORY

CHAIN OF STODY RECORD

Synergy Environmental Lab, Inc.

www.synergy-lab.net
1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • mrsynergy@wi.twcbc.com

Chain # No 41638

Page ____ of ____

Sample Handling Request

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

Lab I.D. #	
QUOTE # :	
Project #:	
Sampler: (signature)	
Project (Name / Location):	Sulberg / Green Bay
Reports To:	Brian Yarnevich
Company	GEC
Address	916 Silver Lake Dr
City State Zip	Portage WI 53901
Phone	608 697 8010
Email	
Invoice To:	
Company	C/O GEC
Address	
City State Zip	
Phone	
Email	

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-RCRA METALS							PID/ FID
503766611	MW-1	3/24/22	PM	N	2	GW	HCL								X														
B	MW-2	↓	↓	↓	↓	↓	↓								X														
C	MW-3														X														
D	Sump															X													

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

Sample Integrity - To be completed by receiving lab.

Method of Shipment: Client

Temp. of Temp. Blank: ____ °C On Ice: X

Cooler seal intact upon receipt: X Yes ___ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
		3/25/22			

Received in Laboratory By: [signature] Time: 8:00 Date: 3/24/22

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 *30-Mar-20*

Project Name SOLBERG **Invoice #** E37666
Project #

Lab Code 5037666A
Sample ID MW-1
Sample Matrix Water
Sample Date 3/24/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC										
Benzene	0.88 "J"	ug/l	0.48	1.54	1	GRO95/8021		3/27/2020	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.76	1	GRO95/8021		3/27/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.71	ug/l	0.71	2.25	1	GRO95/8021		3/27/2020	CJR	1
Toluene	< 0.62	ug/l	0.62	1.98	1	GRO95/8021		3/27/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.71	ug/l	0.71	2.26	1	GRO95/8021		3/27/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.08	1	GRO95/8021		3/27/2020	CJR	1
m&p-Xylene	< 1.35	ug/l	1.35	4.31	1	GRO95/8021		3/27/2020	CJR	1
o-Xylene	< 0.69	ug/l	0.69	2.21	1	GRO95/8021		3/27/2020	CJR	1

Lab Code 5037666B
Sample ID MW-2
Sample Matrix Water
Sample Date 3/24/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC										
Benzene	< 0.48	ug/l	0.48	1.54	1	GRO95/8021		3/27/2020	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.76	1	GRO95/8021		3/27/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.71	ug/l	0.71	2.25	1	GRO95/8021		3/27/2020	CJR	1
Toluene	< 0.62	ug/l	0.62	1.98	1	GRO95/8021		3/27/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.71	ug/l	0.71	2.26	1	GRO95/8021		3/27/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.08	1	GRO95/8021		3/27/2020	CJR	1
m&p-Xylene	< 1.35	ug/l	1.35	4.31	1	GRO95/8021		3/27/2020	CJR	1
o-Xylene	< 0.69	ug/l	0.69	2.21	1	GRO95/8021		3/27/2020	CJR	1

Project Name SOLBERG
Project #

Invoice # E37666

Lab Code 5037666C
Sample ID MW-3
Sample Matrix Water
Sample Date 3/24/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC										
Benzene	< 0.48	ug/l	0.48	1.54	1	GRO95/8021		3/27/2020	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.76	1	GRO95/8021		3/27/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.71	ug/l	0.71	2.25	1	GRO95/8021		3/27/2020	CJR	1
Toluene	< 0.62	ug/l	0.62	1.98	1	GRO95/8021		3/27/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.71	ug/l	0.71	2.26	1	GRO95/8021		3/27/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.08	1	GRO95/8021		3/27/2020	CJR	1
m&p-Xylene	< 1.35	ug/l	1.35	4.31	1	GRO95/8021		3/27/2020	CJR	1
o-Xylene	< 0.69	ug/l	0.69	2.21	1	GRO95/8021		3/27/2020	CJR	1

Lab Code 5037666D
Sample ID SUMP
Sample Matrix Water
Sample Date 3/24/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	37	ug/l	0.48	1.54	1	GRO95/8021		3/28/2020	CJR	1
Ethylbenzene	45	ug/l	0.55	1.76	1	GRO95/8021		3/28/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.71	ug/l	0.71	2.25	1	GRO95/8021		3/28/2020	CJR	1
Naphthalene	26.6	ug/l	1.44	4.58	1	GRO95/8021		3/28/2020	CJR	1
Toluene	3.7	ug/l	0.62	1.98	1	GRO95/8021		3/28/2020	CJR	1
1,2,4-Trimethylbenzene	210	ug/l	0.71	2.26	1	GRO95/8021		3/28/2020	CJR	1
1,3,5-Trimethylbenzene	51	ug/l	0.66	2.08	1	GRO95/8021		3/28/2020	CJR	1
m&p-Xylene	65	ug/l	1.35	4.31	1	GRO95/8021		3/28/2020	CJR	1
o-Xylene	7.0	ug/l	0.69	2.21	1	GRO95/8021		3/28/2020	CJR	1

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

Code	*Comment*
1	Laboratory QC within limits.

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

Authorized Signature