

From: Schultz, Josie M - DNR
Sent: Thursday, April 22, 2021 10:07 AM
To: Beth Erdman
Cc: Mitch Hubert; pamela.havelka-rivard@perimeter-solutions.com; Brian Youngwirth; McKnight, Kevin - DNR
Subject: RE: The Solberg Co 03-05-584180: Proposed Scope and Petroleum/PFAS Groundwater Results

Good Morning Beth,

DNR has reviewed the site investigation workplan for additional monitoring well installation, piezometer installation, and soil and groundwater sampling. Please accept this email as DNR's notice to proceed with the work that was outlined.

Thank you,
Josie

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Josie M. Schultz

Hydrogeologist – Northeast Region Remediation and Redevelopment Team

Wisconsin Department of Natural Resources

2984 Shawano Avenue, Green Bay, WI 54313-6727

Cell: 920-366-5685

Josie.Schultz@Wisconsin.gov



dnr.wi.gov



From: Beth Erdman <berdman@generalengineering.net>
Sent: Monday, April 5, 2021 2:31 PM
To: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>
Cc: Mitch Hubert <mitch.hubert@perimeter-solutions.com>; pamela.havelka-rivard@perimeter-solutions.com; Brian Youngwirth <byoungwirth@generalengineering.net>; McKnight, Kevin - DNR <Kevin.McKnight@wisconsin.gov>
Subject: RE: The Solberg Co 03-05-584180: Proposed Scope and Petroleum/PFAS Groundwater Results

Hi Josie,

This email is a follow up to your below email for the SIWP for the new site to be created associated with the PFAS contamination at the property. Additionally, with regard to the petroleum cleanup (referenced above) and based our conversation last week, that site will be submitted for closure in the coming weeks.

Following discussion with Mitch, they would prefer that the naming of the new PFAS ERP investigation be named using Solberg but not include PFAS in the name. Mitch will remain your main point of contact and does request that Pamela (copied) be copied on all future correspondence.

I have attached the map identifying the proposed locations of the monitoring wells and the piezometer (red dot) adjacent to MW-3. As you and I discussed this piezometer will be screened from 23-28 ft. below ground surface. GEC will also add the surface water sample from the stormwater retention pond to the scope of work. Soil and groundwater samples will be analyzed for the WDNR 33 PFAS compounds. Soil and groundwater samples will be analyzed by the WI State Lab of Hygiene. In addition, groundwater samples will also be analyzed by Pace Analytical Services and SGS AXYS Analytical Services. As part of the investigation, GEC will conduct an assessment of potable/municipal wells in the area. If this is agreeable, I will proceed with working to get this on the schedule (note that drilling companies are out 6-8 weeks minimum at this time). Upon installation, sampling will follow.

If you have questions, or need anything else, do not hesitate,

Beth

Beth A. Erdman

Environmental Project Manager | **General Engineering Company**

916 Silver Lake Drive | PO Box 340 | Portage, WI 53901

P 608-742-2169 | C 608-697-8004

berdman@generalengineering.net

www.generalengineering.net

GENERAL ENGINEERING COMPANY DISCLAIMER

This email and any electronic media transmitted with it are provided solely for the use of the addressee. Data, plans, specifications, reports, documents, and other information recorded on or transmitted as electronic media are subject to undetectable alteration, either intentional or unintentional, due to, among other causes, transmission, conversion, media degradation, software error, or human alteration. Accordingly, all such documents recorded on or transmitted as electronic media are being provided to the addressee for informational purposes only, and not as an end product or as a record document. Any reliance on documents recorded on or transmitted as electronic media is deemed to be unreasonable and unenforceable. Neither the information contained nor the opinions expressed in this email are intended to be or shall be construed as legal or engineering advice. GENERAL ENGINEERING COMPANY accepts no liability or responsibility for the consequences of any actions taken on the basis of the information or opinions contained in this email.

If you have received this email in error please notify the system manager. Finally, the recipient should check this email and any attachments for the presence of viruses. The company accepts no liability for any damage caused by any virus transmitted by this email

From: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>

Sent: Monday, March 22, 2021 9:16 AM

To: Beth Erdman <berdman@generalengineering.net>

Cc: Mitch Hubert <mitch.hubert@perimeter-solutions.com>; pamela.havelka-rivard@perimeter-solutions.com; Brian Youngwirth <byoungwirth@generalengineering.net>; McKnight, Kevin - DNR <Kevin.McKnight@wisconsin.gov>

Subject: RE: The Solberg Co 03-05-584180: Proposed Scope and Petroleum/PFAS Groundwater Results

Good Morning Beth,

DNR has reviewed the workplan for continued investigation of PFAS compounds submitted for The Solberg Co, BRRTS # 03-05-584180, and concurs with monitoring well placement and sampling of the upper 4 feet of soil with the following recommendations as well:

1. Recommend a nested well be installed directly downgradient or in the vicinity of MW-3 to sample deeper groundwater as well;
2. Recommend also grabbing a surface water sample (i.e. directly at the air/water interface) from the on-site pond; and

3. At a minimum, samples should be analyzed for the WI DNR 33 PFAS compounds on the default PFAS list. Additional compounds previously detected or expected to be found at the site should also be considered. Additional information can be found at: [March 1, 2021 Updated PFAS default reporting announcement](#)

DNR agrees that in the interim of sampling being performed and results submitted, that an evaluation of receptors be performed (e.g. downgradient and surrounding potable wells). DNR also requests that future submittals, including workplans, be submitted to the submittal portal.

With the above comments, please accept this email as your notice to proceed with site investigation workplan that was submitted via email on March 3, 2021. DNR will be uploading this workplan to the new site that is planned to be created for the PFAS contamination, and an RP letter will be sent soon. For the new site, will Mitch Hubert remain as contact, and should the new company, Perimeter Solutions LP, be listed as RP?

Please feel free to contact me via phone to discuss any of DNR's recommendations.

Thank you,
Josie

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Josie M. Schultz

Hydrogeologist – Northeast Region Remediation and Redevelopment Team

Wisconsin Department of Natural Resources

2984 Shawano Avenue, Green Bay, WI 54313-6727

Cell: 920-366-5685

Josie.Schultz@Wisconsin.gov



From: Beth Erdman <berdman@generalengineering.net>

Sent: Wednesday, March 3, 2021 11:36 AM

To: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>

Cc: Mitch Hubert <mitch.hubert@perimeter-solutions.com>; pamela.havelka-rivard@perimeter-solutions.com; Brian Youngwirth <byoungwirth@generalengineering.net>

Subject: The Solberg Co 03-05-584180: Proposed Scope and Petroleum/PFAS Groundwater Results

Good Morning Josie,

This email is a follow up to our conversation and your email from this morning. I have attached both the most recent petroleum and PFAS groundwater analytical results tables. Based on conversations with our clients at the Solberg Co, they would like to move forward with a separate release and new project

number associated with the PFA's contaminants moving forward, as the petroleum portion seems at or near a point of closure.

That said, review of the petroleum groundwater results indicates that the concentrations remained relatively stable. Please review the attached table and let us know if the four rounds collected are sufficient for the petroleum portion of the site to be submitted for closure at this time?

Regarding the PFAS groundwater results attached, Solberg is aware a new site will be established to address the contaminants identified. To answer your email question, the site is on municipal water and based on conversations with Solberg it is believed surround sites are as well. As part of the site investigation, potable and municipal well reconnaissance will be conducted to identify any municipal or potable wells in the vicinity. If any identified adjacent to or within the plume they will be sampled. Additionally, I have attached a map identifying the proposed soil boring/monitoring well locations to be installed to define the degree and extent of the PFAS impacts at the site. Note that the locations are subject to change based on accessibility due to site utilities and access to the wet areas of the property, with the goal to be as close to the north/south property boundaries as possible.

Additionally, Solberg has concerns about the detected concentrations of analytes with odd number carbon chains identified at the property (specifically PFHpA, PFPeA and PFHpS). Based on the facility's historic use, no odd carbon change PFAS have ever been utilized at the company. They also have indicated this property was historically utilized as agricultural and have concerns whether some of the odd carbon chains could be a result of historic use.

Another concern is the potential for laboratory margins of error, and as a result, Solberg has requested that moving forward the samples from each location be submitted to two to three different laboratories to better identify the potential margin of error present at the labs with results measured and reported in parts per trillion. They are finding the laboratory margin of error are commonly larger than the concentrations reported and want to be able to compare the results between labs from the different same locations.

Based on the above, please also review the PFAS table and attached proposed well location map and let us know if you have any questions or concerns, specifically to the proposed locations. GEC would propose to move forward with the advancement of the of soil borings (1 soil sample from the upper 4 feet of each boring) at these locations followed by installation of shallow monitoring wells with samples collected from each of the wells and submitted to two to three labs per well location. Results will be submitted upon receipt from the labs (which is taking up to 3 months at this time and is the reason for the delay in this submittal).

If you have questions or would like to discuss further, do not hesitate to contact us at any time.

Thank you and have a great rest of your day,

Beth

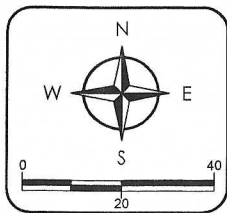
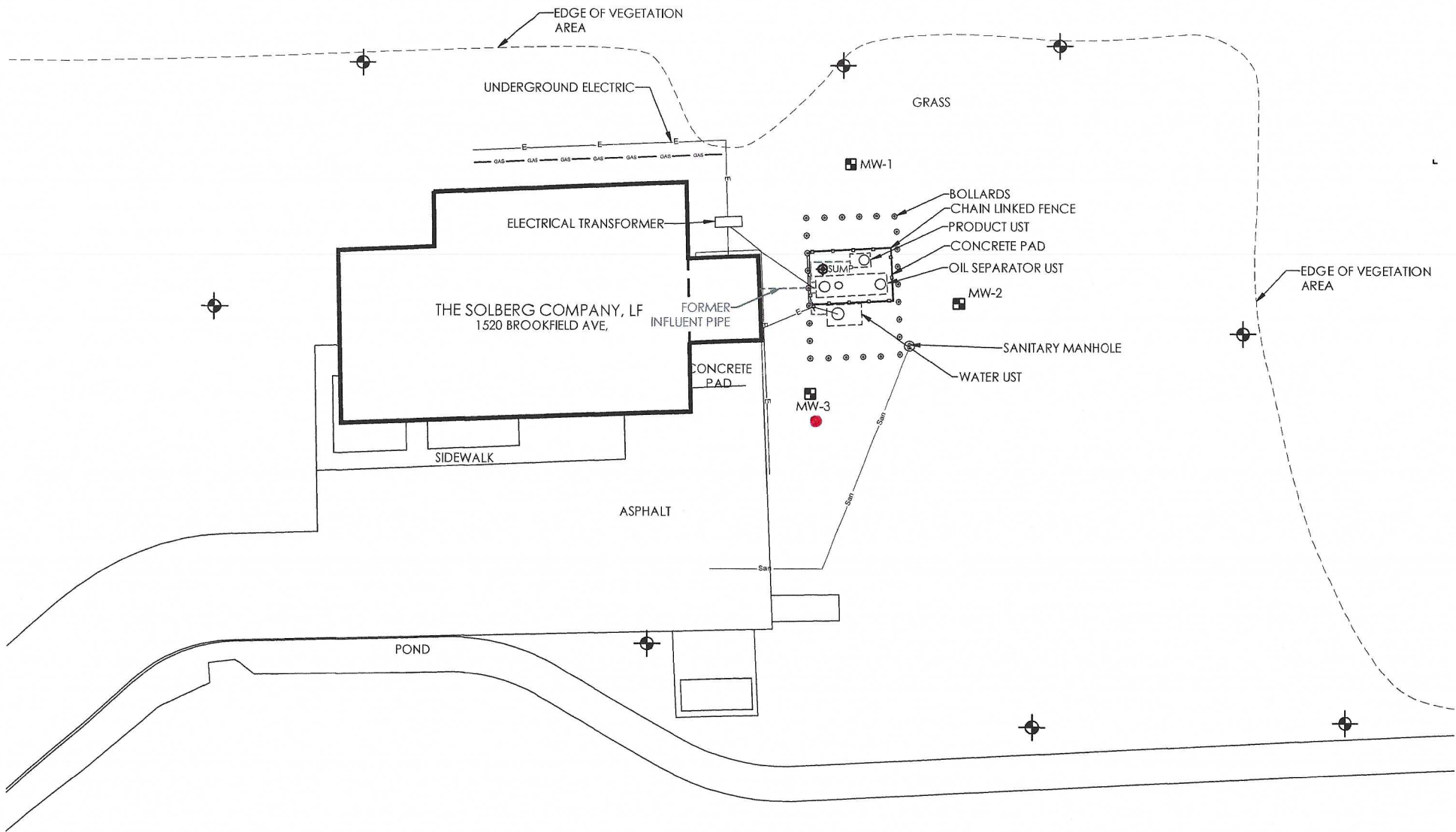
Beth A. Erdman
Environmental Project Manager | **General Engineering Company**
916 Silver Lake Drive | PO Box 340 | Portage, WI 53901
P 608-742-2169 | C 608-697-8004
berdman@generalengineering.net

www.generalengineering.net

GENERAL ENGINEERING COMPANY DISCLAIMER

This email and any electronic media transmitted with it are provided solely for the use of the addressee. Data, plans, specifications, reports, documents, and other information recorded on or transmitted as electronic media are subject to undetectable alteration, either intentional or unintentional, due to, among other causes, transmission, conversion, media degradation, software error, or human alteration. Accordingly, all such documents recorded on or transmitted as electronic media are being provided to the addressee for informational purposes only, and not as an end product or as a record document. Any reliance on documents recorded on or transmitted as electronic media is deemed to be unreasonable and unenforceable. Neither the information contained nor the opinions expressed in this email are intended to be or shall be construed as legal or engineering advice. GENERAL ENGINEERING COMPANY accepts no liability or responsibility for the consequences of any actions taken on the basis of the information or opinions contained in this email.

If you have received this email in error please notify the system manager. Finally, the recipient should check this email and any attachments for the presence of viruses. The company accepts no liability for any damage caused by any virus transmitted by this email



LEGEND	
MW-2	MONITORING WELL
	TANK SUMP
	PROPOSED SOIL BORING / MONITORING WELL
	<i>proposed piezometer</i>

General Engineering Company
 P.O. Box 340 • 916 Silver Lake Dr. • Portage, WI 53901
 608-742-2169 (Office) • 608-742-2592 (Fax)
 www.generalengineering.net

This document contains confidential or proprietary information of General Engineering Company. Neither this document nor the information herein is to be reproduced, distributed, used or disclosed either in whole or in part except as specifically authorized by General Engineering Company.

PROPOSED SOIL BORING / MONITORING WELL LOCATION MAP
THE SOLBERG COMPANY
1520 BROOKFIELD AVE.
VILLAGE OF HOWARD
BROWN COUNTY, WI

DRAWN BY KSP
REVIEWED BY BU
ISSUE DATE MARCH 2021
GEC FILE NO. 2-0919-397
SHEET NO.
FIGURE 3