

Schultz, Josie M - DNR

From: Beth Erdman <berdman@generalengineering.net>
Sent: Thursday, September 19, 2019 2:51 PM
To: Schultz, Josie M - DNR
Cc: Mitch Hubert; Cory Spejcher; Khosla Urvashi U; Aviles Alfredo J
Subject: Proposed Well Locations: BRRS#: 03-05-584180 The Solberg Co
Attachments: A.1. GW Analytical Table - GW From UST Backfill.pdf; Figure 5 - Proposed Well Location Map.pdf; 20190426_Photo.pdf; 20190426_Photo 2.pdf

Follow Up Flag: Follow up
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Good Afternoon Josie,

Thank you for taking the time to talk with me yesterday regarding the above site. As requested, I have attached two photos showing the vegetation burn associated with spill last spring. Also, as discussed, I have attached a map identifying the proposed well locations (blue rectangles). The yellow circle on the map identifies the location of the sump above the UST containing gasoline that houses the large manway to the tank. The sump extends into the gravel tank bed backfill approximately 4-5 feet below ground surface and always contains groundwater. The table attached provides the historic water sample results collected from that sump. Based on our conversation, and assuming the three wells are clean upon installation, please confirm that sampling of these four points would be sufficient to fulfill your GW definition needs?

Thank you so much and if you have further questions or would like to discuss, do not hesitate to contact me at any time.

Beth

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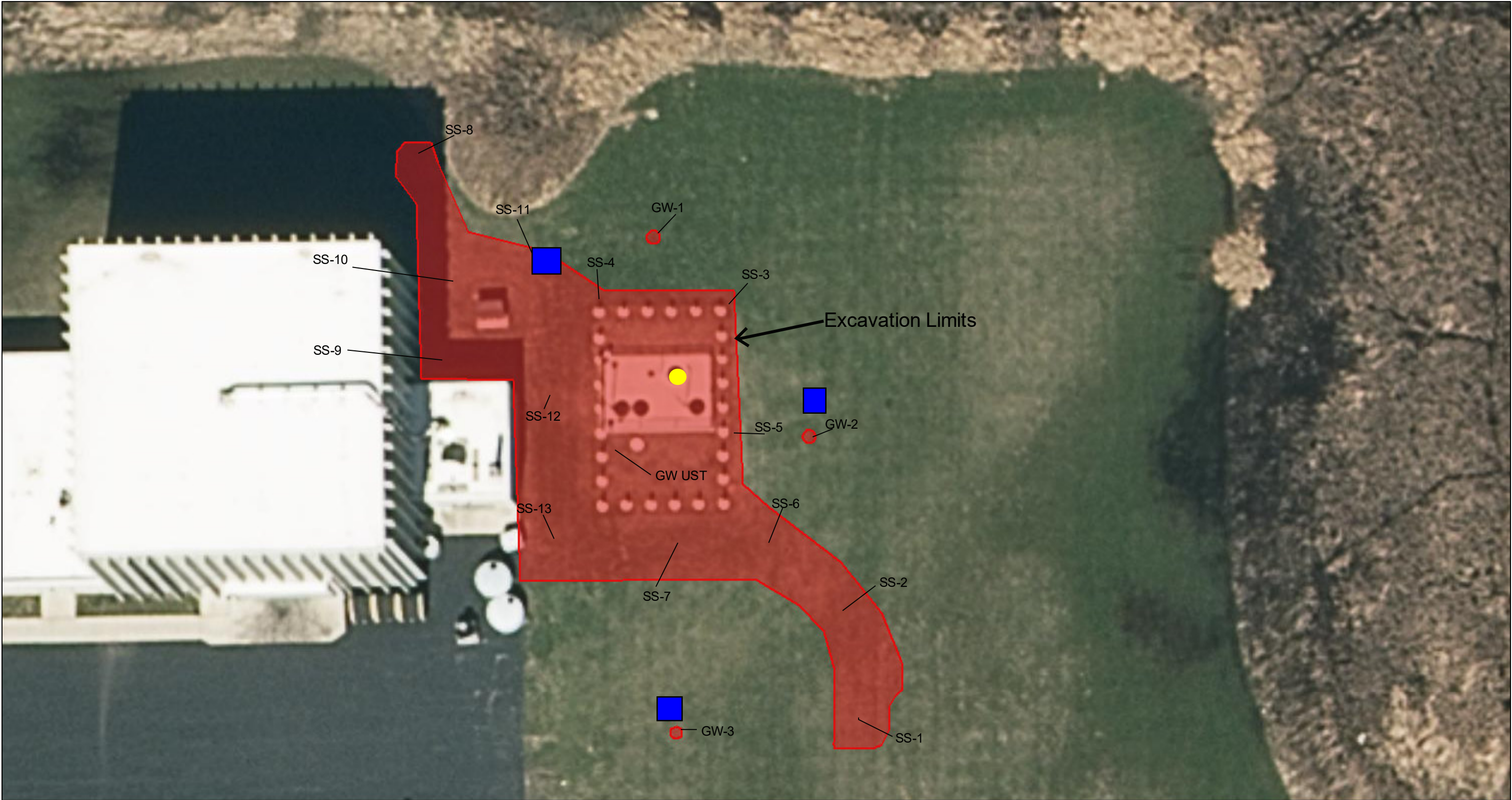
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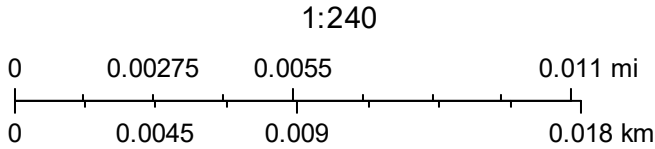
Figure 5 - Proposed Well Location Map



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Blue Rectangles: Proposed Well Locations

Yello Circle: Location of Tank Sump Containing Groundwater that can be sampled



Brown County
Brown County WI

TABLE A.1.
GROUNDWATER ANALYTICAL RESULTS
THE SOLBERG COMPANY

Monitoring Well	NR 140		Tank Bed GW (above oil tank)		
	ES	PAL	3/20/2019	4/8/2019	4/28/2019
FLASHPOINT (degrees Fahrenheit)					
Flashpoint	NE	NE	110	125	NA
PETROLEUM VOLATILE ORGANIC COMPOUNDS (PVO) (µg/L)					
Benzene	5	0.5	2030	2540	560
Ethylbenzene	700	140	1860	1950	850
Methyl tert-butyl ether (MTBE)	60	12	<14	<28	<28
Naphthalene	100	10	490	330 J	<210
Toluene	800	160	13,500	16,800	7500
1,2,4-Trimethylbenzene	480	96	2100	1540	770
1,3,5-Trimethylbenzene			4600	340	182 J
m&p-Xylene			6900	7300	3800
o-Xylene	2000	400	3600	3500	1900

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



