

**From:** [Hughes, Erin](#)  
**To:** [Sager, John E - DNR](#)  
**Cc:** [Laszewski, Steve](#); [Gregory Prom \(MP\) \(gprom@mnpower.com\)](#); [Hanks, Brian C](#)  
**Subject:** RE: SWL&P RAOR  
**Date:** Thursday, January 21, 2021 9:33:55 AM  
**Attachments:** [image001.png](#)  
[Figure X Soil Excavation and BioSparge with Concentrations.pdf](#)

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Good morning, John.

Attached is the figure that you requested showing the existing soil boring locations relative to the approximate soil excavation and air-sparge areas. As a reminder, the remedial approach in the RAOR focuses on mass removal in soil that is aimed at achieving the groundwater RAO for PAHs. It does not focus on full removal of PAH impacts to soil. During the Remedial Design we fully anticipate sitting down with WDNR (group conference call) to identify the exact areas of hot-spot PAH excavation and optimize that approach with you.

Have a nice day,

**Erin Hughes, P.G.**

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**From:** Sager, John E - DNR <[John.Sager@wisconsin.gov](mailto:John.Sager@wisconsin.gov)>

**Sent:** Tuesday, January 19, 2021 4:29 PM

**To:** Hughes, Erin <[Erin.Hughes@foth.com](mailto:Erin.Hughes@foth.com)>

**Cc:** Gregory Prom (MP) ([gprom@mnpower.com](mailto:gprom@mnpower.com)) <[gprom@mnpower.com](mailto:gprom@mnpower.com)>; Laszewski, Steve <[Steve.Laszewski@Foth.com](mailto:Steve.Laszewski@Foth.com)>

**Subject:** SWL&P RAOR

Hi Erin,

I am wondering if you Foth could produce a figure quickly showing the extent of the proposed PAH excavation area overlaid on a figure showing the boring and well locations including the PDI borings. I would like to get an idea of the PAH concentrations that are going to remain following excavation. Please call if you have

questions.

Thanks.

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John Sager

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[<image002.gif>](#)

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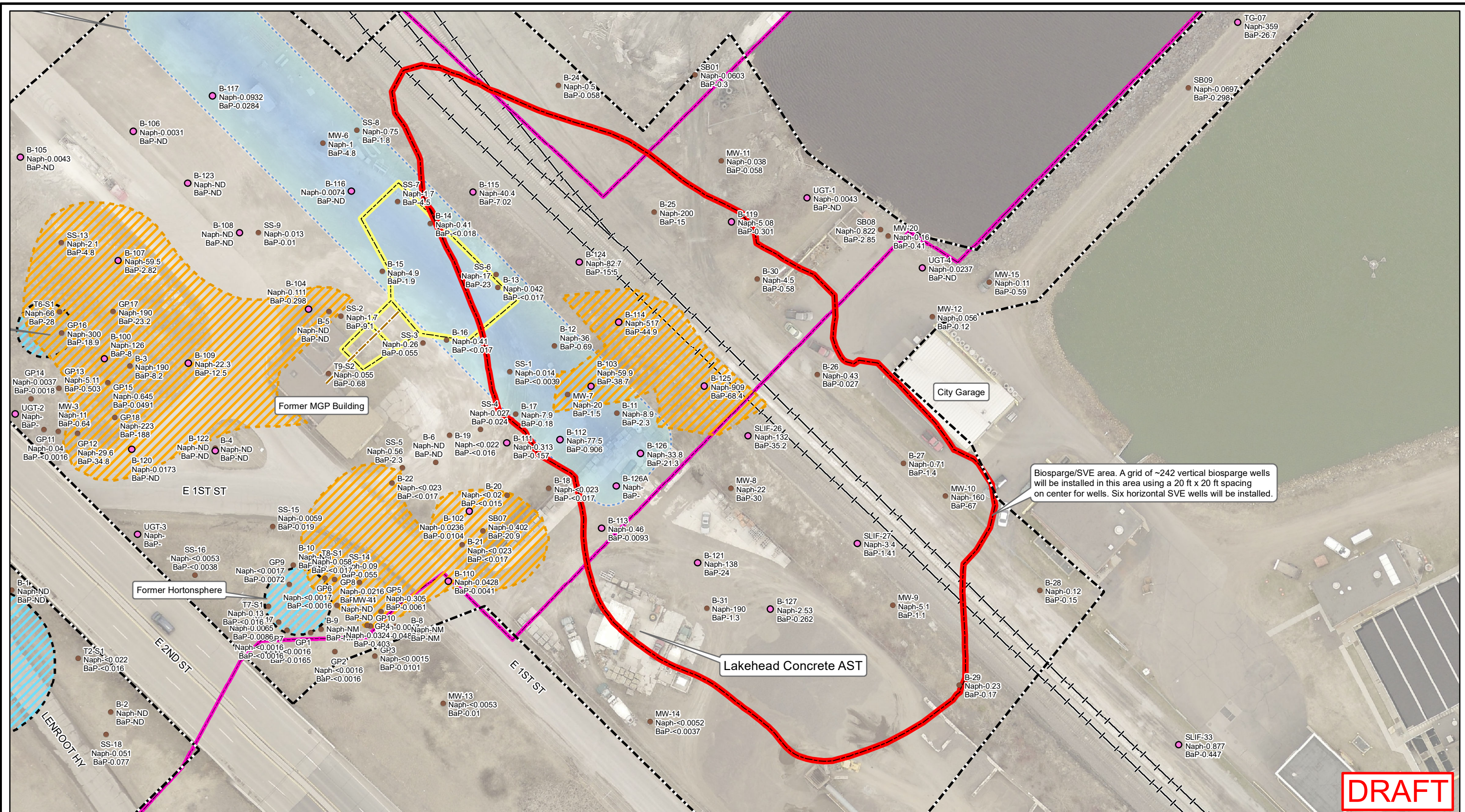
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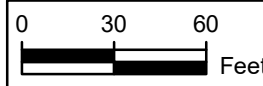
[<image007.gif>](#)



**DRAFT**

- NOTES:**
- 2016 - 3" resolution air photo from Douglas County.
  - Horizontal coordinate system: NAD 1983 Douglas County, units in feet.
  - Actual excavation extents will be refined during the remedial design process.

- LEGEND**
- Soil Sample Location with Naphthalene concentration (mg/kg) and Benzo(A)Pyrene concentration (mg/kg)
  - Soil Sample Location with Maximum Naphthalene Concentration (mg/kg) and Maximum Benzo(A)Pyrene Concentration (mg/kg)
  - Former Clay Pipe
  - Railroad
  - Biosparge/SVE Area
  - Approximate Excavation Area
  - Former Gas Holders and Hortonsphere
  - Former MGP Building Discharge Area
  - Approximate 2008 Remedial Excavation
  - Construction Limits for Upland Remedy
  - Approximate Site Boundary



SUPERIOR WATER, LIGHT & POWER		
<b>FIGURE X</b>		
SOIL EXCAVATION AND BIOSPARGE/SVE WITH CONCENTRATIONS SUPERIOR, WISCONSIN		
Date: JANUARY 2021	Revision Date:	
Drawn By: DAT	Checked By: BCH	Project: 18S024