

## Stoltz, Carrie R - DNR

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**From:** Stoltz, Carrie R - DNR  
**Sent:** Thursday, September 06, 2018 1:49 PM  
**To:** Ron Anderson  
**Cc:** Jason Powell  
**Subject:** RE: Luedtke Property SIR comments

Good afternoon Ron and Jason. Today, I presented this site to the NOR Closure Committee. Below are their comments. If you have any questions, let me know. I will be in today until 3:30, then out until 9/17. You can call Chris Saari at 715-685-2920 if I am not in the office or you have further questions. Thanks, Carrie

- Need to calculate vertical hydraulic gradient
- Should perform (2) more GW sampling rounds to establish trends. Then if the results do not change significantly; the investigation could be considered complete. Trends need to be established first. If the results change significantly, then you should consider installing a MW/PW nest down gradient.

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Carrie Stoltz

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**From:** Ron Anderson <[rona@metcohq.com](mailto:rona@metcohq.com)>  
**Sent:** Wednesday, August 15, 2018 11:34 AM  
**To:** Stoltz, Carrie R - DNR <[Carrie.Stoltz@wisconsin.gov](mailto:Carrie.Stoltz@wisconsin.gov)>  
**Cc:** Jason Powell <[jasonp@metcohq.com](mailto:jasonp@metcohq.com)>  
**Subject:** RE: Luedtke Property SIR comments

Sounds good...thanks!!

**Ron Anderson**

**METCO** - Senior Hydrogeologist

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**From:** Stoltz, Carrie R - DNR <[Carrie.Stoltz@wisconsin.gov](mailto:Carrie.Stoltz@wisconsin.gov)>  
**Sent:** Wednesday, August 15, 2018 11:31 AM  
**To:** Ron Anderson <[rona@metcohq.com](mailto:rona@metcohq.com)>  
**Cc:** Jason Powell <[jasonp@metcohq.com](mailto:jasonp@metcohq.com)>  
**Subject:** RE: Luedtke Property SIR comments

Hi Ron, thanks for the feedback. I could run this past the closure committee for discussion only for the Sept meeting. I will keep you posted.

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**From:** Ron Anderson <[rona@metcohq.com](mailto:rona@metcohq.com)>  
**Sent:** Wednesday, August 15, 2018 11:09 AM  
**To:** Stoltz, Carrie R - DNR <[Carrie.Stoltz@wisconsin.gov](mailto:Carrie.Stoltz@wisconsin.gov)>  
**Cc:** Jason Powell <[jasonp@metcohq.com](mailto:jasonp@metcohq.com)>  
**Subject:** FW: Luedtke Property SIR comments

Good morning Carrie...

Thanks for the feedback...Please see below for some comments on your comments.

ron

### Ron Anderson

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**From:** Jason Powell  
**Sent:** Wednesday, August 15, 2018 10:44 AM  
**To:** Ron Anderson <[rona@metcohq.com](mailto:rona@metcohq.com)>  
**Subject:** FW: Luedtke Property SIR comments

### Jason Powell

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**From:** Stoltz, Carrie R - DNR <[Carrie.Stoltz@wisconsin.gov](mailto:Carrie.Stoltz@wisconsin.gov)>  
**Sent:** Wednesday, August 01, 2018 9:02 AM  
**To:** Jason Powell <[jasonp@metcohq.com](mailto:jasonp@metcohq.com)>  
**Subject:** Luedtke Property SIR comments

Hi Jason, I just finished reviewing the SIR for Luedtke and have a few comments/recommendations.

- PZ-1 is showing impacts. It appears as though the plume is diving. (Benzene 7.6 then <2.2 ppb). I would recommend placing another MW/PZ nest to the North/Northwest; across W Wisconsin Ave to the west of GP-19. If there are no impacts then you can confirm the plume is defined. [We are thinking that a significant diving plume of any consequence is unlikely and installing another piezometer is not needed. PZ-1 is installed very near the source area and levels are just over the ES for one compound in each of the two rounds. Also, please see the declining HNU readings in boring PZ-1](#)
- Please consider some source control such as carbon or RegenOx injections in the former UST and pump island locations. This would have bring down the contamination. [Based on the concentrations and lack of possible](#)

risks, we have not seen remediation being required on such a site. We have closed many sites with much higher concentrations. Do you think it would be a good idea for the closure committee to give their opinion on the need for remediation in this instance?...especially considering the upcoming pecfa deadline?

- There are additional MWs that are not part of this investigation. I think they are associated with the Les Standard site. They should be labeled as such on all figures. They are labeled...Please see the map key.
- GP-20 has soil to GW RCL exceedances that are not reflected in the figure. The reason is that it is saturated and considered a groundwater issue...and thus included in the groundwater plume.

If you have any questions, I am in all week, but off at 11AM on Friday. Thanks, Carrie

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**Carrie Stoltz**

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