

**From:** Huff, Timothy A. <Tim.Huff@wsp.com>  
**Sent:** Monday, August 8, 2022 4:55 PM  
**To:** Karl Beaster; Rice, Caroline M - DNR  
**Cc:** Ross, Issac A - DNR  
**Subject:** RE: Enbridge Line 13 Blackhawk Island Valve - Draft work plan

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The push-ahead sampler assembly is approximately 2 feet long and will be advanced ~1 foot beyond the bottom of the drill casing. The exposed screen is only about 1 foot in length. So, for example, at the 70' target sample interval, we'll likely collect it in a 1-foot interval in the ~69-72' interval, depending on exactly where bottom of the casing is at the end of the soil sampling run. The goal is to collect three groundwater profiling samples on 10-foot spacing and use the results to select the screened interval for the MW-06-Deep well.

Tim

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**From:** Karl Beaster <[Karl.Beaster@enbridge.com](mailto:Karl.Beaster@enbridge.com)>  
**Sent:** Monday, August 8, 2022 4:37 PM  
**To:** 'Rice, Caroline M - DNR' <[caroline.rice@wisconsin.gov](mailto:caroline.rice@wisconsin.gov)>; Huff, Timothy A. <[Tim.Huff@wsp.com](mailto:Tim.Huff@wsp.com)>  
**Cc:** Ross, Issac A - DNR <[Issac.Ross@wisconsin.gov](mailto:Issac.Ross@wisconsin.gov)>  
**Subject:** RE: Enbridge Line 13 Blackhawk Island Valve - Draft work plan

Hi Caroline – thank you very much for your timely review of the work plan for monitoring well installation and on-going potable and monitoring well sampling.

Acknowledging that we have notice to proceed with the scope of work described in the work plan.

Tim – please reply to the questions regarding the push ahead sampling techniques.

Regards,  
Karl

**Karl F. Beaster, PG**

Sr. Environment Advisor, LP US Environment Remediation

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**From:** Rice, Caroline M - DNR <[caroline.rice@wisconsin.gov](mailto:caroline.rice@wisconsin.gov)>  
**Sent:** Monday, August 8, 2022 4:24 PM  
**To:** Karl Beaster <[Karl.Beaster@enbridge.com](mailto:Karl.Beaster@enbridge.com)>; 'Huff, Timothy A.' <[Tim.Huff@wsp.com](mailto:Tim.Huff@wsp.com)>  
**Cc:** Ross, Issac A - DNR <[Issac.Ross@wisconsin.gov](mailto:Issac.Ross@wisconsin.gov)>  
**Subject:** [External] Enbridge Line 13 Blackhawk Island Valve - Draft work plan

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Good afternoon Karl,

Below are my questions/comments following my review of the site investigation work plan, submitted July 27<sup>th</sup>.

Monitoring well/potable well sampling:

- The proposed analyte list for potable wells is acceptable. The analyte list for potable well samples may be reconsidered as future data indicate appropriate.
- Groundwater samples from monitoring wells should continue to be analyzed using EPA 8260 and all analytes should be reported.

Groundwater profiling procedures:

- How far past the drill casing will the “push-ahead” sampler be advanced?
- What is the screen length on the “push-ahead” sampler?

Monitoring well installation:

- The proposed monitoring well locations appear to be appropriate.

No review fee was submitted, so no approval can be given. This email acts as a notice to proceed, per section NR 716.09 (3) a, Wis. Adm. Code.

Thank you,  
Caroline

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**Caroline Rice**

she/her/hers

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