

## Vitale, Matthew J - DNR

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**From:** Vitale, Matthew J - DNR  
**Sent:** Friday, December 9, 2022 10:24 AM  
**To:** Langdon, Robert  
**Cc:** Garth Frable  
**Subject:** RE: Proposed Monitoring Wells and Sampling, Blackhawk Dry Cleaners BRRts 02-12-552357 and 06-12-587767

Rob,

The proposed monitoring well locations area acceptable. Please proceed with the installation.

This email also confirms that all efforts required by the DNR to assess vapor intrusion (VI) at nearby offsite parcels has been completed, including:

- initial in-person outreach to neighboring residences
- a minimum of three letters from the RP and DNR requesting access to perform sub-slab vapor sampling at each residence
- phone outreach from the DNR and Department of Health Services.

No additional VI work is required for the NR 716 site inspection unless groundwater conditions change and indicate additional offsite properties need assessment.

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**Matthew Vitale**

Pronouns: He/Him/His

Phone: (715) 492-1222

[Matthew.Vitale@wisconsin.gov](mailto:Matthew.Vitale@wisconsin.gov)

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**From:** Langdon, Robert <RLangdon@scsengineers.com>  
**Sent:** Thursday, December 1, 2022 11:09 AM  
**To:** Vitale, Matthew J - DNR <Matthew.Vitale@wisconsin.gov>  
**Cc:** Rozeboom, David B - DNR <David.Rozeboom@wisconsin.gov>; Garth Frable <gfrable@prairieduchien-wi.gov>  
**Subject:** RE: Proposed Monitoring Wells and Sampling, Blackhawk Dry Cleaners BRRts 02-12-552357 and 06-12-587767

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Hi Matt, I'm following up on the proposed plan below. We have a driller lined up for the well installation work and will need to clear utility locations by the week of December 12<sup>th</sup>. Will you have time to approve the plan prior to December 12<sup>th</sup>? Also, would you provide confirmation that no further off-site vapor assessment is required as discussed in my September 12<sup>th</sup> email, attached?

Thank you,  
Rob

Robert Langdon

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**From:** Langdon, Robert  
**Sent:** Wednesday, November 2, 2022 11:58 AM  
**To:** Vitale, Matthew J - DNR <[Matthew.Vitale@wisconsin.gov](mailto:Matthew.Vitale@wisconsin.gov)>  
**Cc:** Garth Frable <[gfrable@prairieduchien-wi.gov](mailto:gfrable@prairieduchien-wi.gov)>  
**Subject:** Proposed Monitoring Wells and Sampling, Blackhawk Dry Cleaners BRRs 02-12-552357 and 06-12-587767

Hi Matt, I've attached a map showing proposed monitoring well locations for the Blackhawk site. As discussed during our call last week, we're proposing to install three new wells (MW-9, MW-10, and MW-11) and sample them for PFAS. The locations are approximate. Final locations may differ based on utilities or conditions encountered in the field.

The wells will be constructed consistent with NR 141 to a total depth of approximately 30 feet with 15 foot wells screens, steel protective casings, and locking well plugs. Each well will be developed consistent with NR 141 and samples will be collected using either dedicated bailers or low-flow sampling methods consistent with Wisconsin Administrative Code, Chapters NR 140.16 and NR 716.13. The samples will be submitted to Eurofins for analysis of the 33 PFAS listed in WDNR's March 1, 2021 PFAS Update.

Monitoring well purge water will be contained and discharged to the City of Prairie du Chien sanitary sewer with City approval. Results will be reported to the WDNR in a subsequent Site Investigation Update.

Please let us know if the proposed well details and sampling plan are acceptable.

Thank you,  
Rob

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**From:** Vitale, Matthew J - DNR <[Matthew.Vitale@wisconsin.gov](mailto:Matthew.Vitale@wisconsin.gov)>  
**Sent:** Tuesday, October 25, 2022 12:14 PM  
**To:** Langdon, Robert <[RLangdon@scsengineers.com](mailto:RLangdon@scsengineers.com)>  
**Cc:** Garth Frable <[gfrable@prairieduchien-wi.gov](mailto:gfrable@prairieduchien-wi.gov)>  
**Subject:** RE: Blackhawk

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Rob,

The soil PFAS data looks good. For groundwater, the downgradient well MW-5 has consistently been above the 20 ppt proposed standard for PFOA + PFOS, including an large increase this last sampling round. As is, we cannot say the downgradient extent is defined and would need an additional monitoring well west/downgradient of MW-5. This isn't just a VPLE requirement, case closure wouldn't be approved without this.

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**Matthew Vitale**

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**From:** Langdon, Robert <[RLangdon@scsengineers.com](mailto:RLangdon@scsengineers.com)>

**Sent:** Monday, October 24, 2022 4:09 PM

**To:** Vitale, Matthew J - DNR <[Matthew.Vitale@wisconsin.gov](mailto:Matthew.Vitale@wisconsin.gov)>

**Cc:** Garth Frable <[gfrable@prairieduchien-wi.gov](mailto:gfrable@prairieduchien-wi.gov)>

**Subject:** Blackhawk

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Hi Matt, has there been any word from the PFAS group regarding the soil and groundwater results we submitted last month for Blackhawk?

Rob

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