

Vitale, Matthew J - DNR

From: Langdon, Robert <RLangdon@scsengineers.com>
Sent: Wednesday, November 2, 2022 11:58 AM
To: Vitale, Matthew J - DNR
Cc: Garth Frable
Subject: Proposed Monitoring Wells and Sampling, Blackhawk Dry Cleaners BRRTs 02-12-552357 and 06-12-587767
Attachments: 221102_Proposed Well Locations.pdf

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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>
Sent: Tuesday, October 25, 2022 12:14 PM
To: Langdon, Robert <RLangdon@scsengineers.com>
Cc: Garth Frable <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.

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Matthew Vitale

Pronouns: He/Him/His

Phone: (715) 492-1222

Matthew.Vitale@wisconsin.gov

From: Langdon, Robert <RLangdon@scsengineers.com>
Sent: Monday, October 24, 2022 4:09 PM
To: Vitale, Matthew J - DNR <Matthew.Vitale@wisconsin.gov>
Cc: Garth Fable <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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LEGEND

| | |
|---------------|---|
| | SITE BOUNDARY |
| | FORMER DRY CLEANERS BUILDING (APPROXIMATE) |
| | ABANDONED MONITORING WELL |
| | MONITORING WELL |
| | PIEZOMETER |
| 617.82 | WATER TABLE ELEVATION MEASURED ON AUGUST 11, 2022 |
| | WATER TABLE CONTOUR |
| | APPROXIMATE GROUNDWATER FLOW DIRECTION |
| | PROPOSED WELL LOCATION |

NOTES:

- SEE FIGURE 2 FOR BASE MAP NOTES AND LEGEND ITEMS.
- MW-01R GROUNDWATER ELEVATION NOT USED FOR CONTOURING AS TOP OF CASING HAS NOT BEEN SURVEYED.

SCALE: 1" = 120'

| | | | | | |
|--|--------------|-------------|----------|--|--|
| CLIENT PRAIRIE DU CHIEN REDEVELOPMENT AUTHORITY | PROJECT NO. | 25221094.00 | ENGINEER | WATER TABLE MAP - AUGUST 11, 2022 | FIGURE 3 |
| | DRAWN BY: | 08/17/2022 | REL | | |
| | APPROVED BY: | 08/17/2022 | REL | BLACKHAWK JUNCTION REDEVELOPMENT 700 EAST BLACKHAWK AVENUE PRAIRIE DU CHIEN, WISCONSIN | SCS ENGINEERS 2830 DAIRY DRIVE, MADISON, WI 53718-6751 PHONE: (608) 224-2830 |