

March 28, 2024
File No. 25221094.00

Mr. Matt Vitale
Wisconsin Department of Natural Resources
1300 W Clairemont Ave.
Eau Claire, WI 54701-6127

Subject: Proposed PFAS Sampling
Blackhawk Drycleaners
700 East Blackhawk Avenue
Prairie du Chien, Wisconsin
BRRTS #02-12-552357 (ERP)
BRRTS #06-12-587767 (VPLE)

Dear Mr. Vitale:

SCS Engineers (SCS) has prepared the following proposed scope of work (SOW) for additional per- and polyfluoroalkyl substances (PFAS) groundwater sampling for the above-noted Blackhawk Drycleaners cases (**Figures 1 and 2**). The proposed SOW is based on your June 1, 2023 email, subsequent communications with the Wisconsin Department of Natural Resources (WDNR), and communications with City of Prairie du Chien Redevelopment Authority (RDA). We request your written approval of the proposed SOW and assume related regulatory review costs will be managed through the Voluntary Party Liability Exemption (VPLE) program.

PROPOSED GROUNDWATER SAMPLING

- Install three new downgradient monitoring wells (MW-12, MW-13, and MW-14) at the locations shown on **Figure 3** using a direct push drilling rig equipped with hollow stem augers. Soil will be logged using the Unified Soil Classification System. The proposed monitoring well locations are approximate. Final locations may differ based on utilities or conditions encountered in the field.
- Construct the new wells 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.
- Survey new monitoring well locations and top of casing elevations.
- Measure water levels at all site monitoring wells and collect PFAS samples from the new wells (MW-12, MW-13, and MW-14) using 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.
- Contain monitoring well development and purge water for discharge to the City of Prairie du Chien sanitary sewer with City approval.



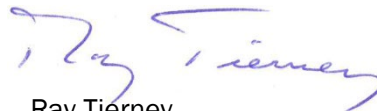
- Prepare summary report including the following:
 - Summary of methods and findings with recommendations.
 - Updated water level summary table and groundwater flow map.
 - Updated PFAS groundwater analytical results summary table.
 - Laboratory report.
 - Boring logs, development forms, and monitoring well construction forms.

Please contact Robert Langdon at (608) 212-3995 or rlangdon@SCSEngineers.com if you have any questions concerning this proposed scope of work.

Sincerely,



Robert Langdon
Senior Project Manager
SCS Engineers



Ray Tierney
Vice President
SCS Engineers

REL/AJR/RT

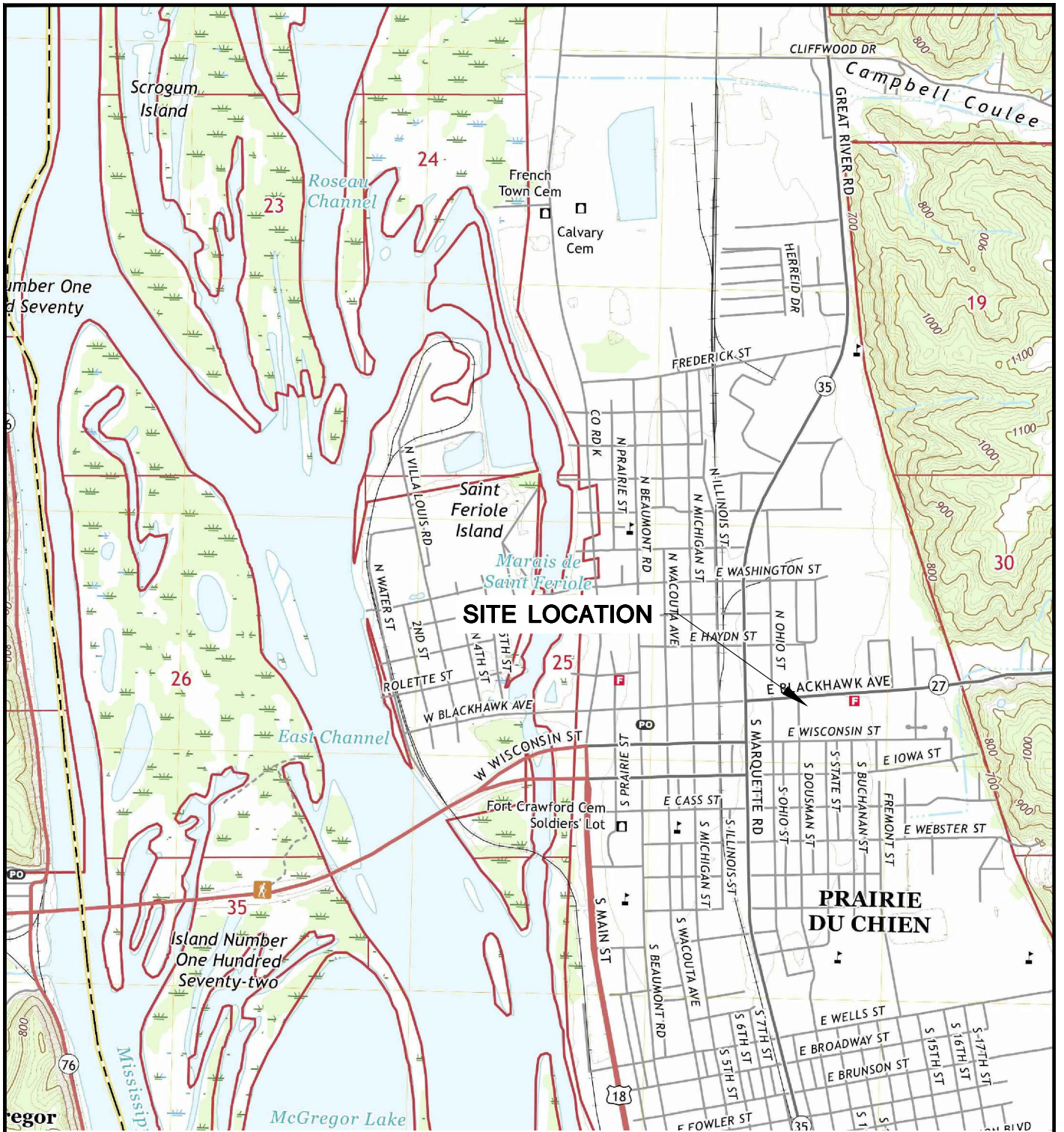
cc: Chad Abram, City of Prairie du Chien
Nate Gilberts, City of Prairie du Chien

Attachments: Figure 1 – Site Location Map
Figure 2 – Site Plan
Figure 3 – Water Table Map – July 24, 2023

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Figures

- 1 Site Location Map
- 2 Site Plan
- 3 Water Table Map – July 24, 2023



PRAIRIE DU CHIEN QUADRANGLE
 WISCONSIN-IOWA
 7.5 MINUTE SERIES (TOPOGRAPHIC)
 2018
 SCALE: 1" = 2,000'



CLIENT	PRAIRIE DU CHIEN REDEVELOPMENT AUTHORITY		SITE	BLACKHAWK JUNCTION REDEVELOPMENT 700 EAST BLACKHAWK AVENUE PRAIRIE DU CHIEN, WISCONSIN		ENGINEER	SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830		FIGURE 1
	PROJECT NO.	25221094.00		DRAWN BY:	KP		APPROVED BY:	REL 04/20/2021	
	DRAWN:	04/05/2021	CHECKED BY:	MRH					
	REVISED:	04/05/2021							



PROJECT NO. 2522094.00	DRAWN BY: KP
DRAWN: 04/05/2021	CHECKED BY: REL
REVISED: 02/09/2023	APPROVED BY: REL
CLIENT: PRAIRIE DU CHIEN REDEVELOPMENT AUTHORITY	
ENGINEER: SCS ENGINEERS 2830 DARTY DRIVE WADSWORTH, WI 53718-6751 PHONE: (608) 224-2838	
SITE: BLACKHAWK JUNCTION REDEVELOPMENT 700 EAST BLACKHAWK AVENUE PRAIRIE DU CHIEN, WISCONSIN	
SITE PLAN	
FIGURE 2	

02/22/2023 10:00 AM
 02/22/2023 10:00 AM
 02/22/2023 10:00 AM

I:\25221094.00\Drawings\PT-Well (July 23 Wbl).dwg, 3/28/2024 1:22:34 PM



LEGEND

- SITE BOUNDARY
- - - - - FORMER DRY CLEANERS BUILDING (APPROXIMATE)
- ⊕ MONITORING WELL
- ⊕ PIEZOMETER
- 617.82 WATER TABLE ELEVATION MEASURED ON JULY 24, 2023
- WATER TABLE CONTOUR
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- ⊕ PROPOSED MONITORING WELL

NOTES:

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

300 0 300
SCALE: 1" = 300'

CLIENT PRAIRIE DU CHIEN REDEVELOPMENT AUTHORITY	SITE BLACKHAWK JUNCTION REDEVELOPMENT 700 EAST BLACKHAWK AVENUE PRAIRIE DU CHIEN, WISCONSIN	WATER TABLE MAP - JULY 24, 2023		FIGURE
		PROJECT NO. 25221094.00	ENGINEER	3
DRAWN: 08/03/2023	DRAWN BY: BMM	SCS ENGINEERS 2830 DAIRY DRIVE, MADISON, WI 53718-6751 PHONE: (608) 224-2830		
REVISED: 11/13/2023	CHECKED BY: REL	REL 03/28/2024		
	APPROVED BY:			