

Wisconsin Stalled LUST Sites Initiative

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Project Details

Goal: Catalog and evaluate stalled LUST sites that are near closure or with a high risk to receptors:

- Vapor intrusion
- Drinking water
- Direct contact (e.g. PAHs, lead)

Other issues as necessary

Funding and Staffing:

- Funding leftover from our FFY21-22 LUST grant
- Hired LTEs (3 hydrogeologists & 1 associate)

Initial Screening (Spring 2023)

1. Downloaded list of all open LUST cases – about 660
2. Does it appear to be stalled (subjective)? Y/N/M
3. Gave project managers opportunity for input

brrtsno	Stalled?	Just Fee	activityname	lastupdate	lastupdateuse	project_manager	Comments
0328549807	Y		WATERTOWN ROW TEQUILA NIGHTS	03/05/2020 9:05	S71584	ACKERMAN, JEFF	RP does not have funding
0353000559	Y		ANDERSON PROPERTY	#####	S71584	ACKERMAN, JEFF	Stalled; former SFR site
0357002801	M		REEDSBURG CLEANERS	03/05/2020 9:05	S71584	ACKERMAN, JEFF	Part of VIZC efforts; may not be focusir
0313002565	N		KWIK TRIP #832	03/05/2020 9:05	S71584	ACKERMAN, JEFF	Not stalled; work underway
0328581242	N		KWIK TRIP #366	03/05/2020 9:05	S71584	ACKERMAN, JEFF	Not stalled; ongoing gw monitoring
0365581059	N		FRAWLEY OIL CO CONVENIENCE STORE	03/05/2020 9:05	S71584	ACKERMAN, JEFF	closure packet in preparation
0365585059	N		GAGE MARINE	03/05/2020 9:05	S71584	ACKERMAN, JEFF	SI work plan Nov '21 w/o fee. Approved
0228587570	N		115 W MAIN ST & 121 W MAIN ST	#####	KELLEDM	ACKERMAN, JEFF	MMP approved in 2022. Documentation

LTE Training (July 2023)

General DNR and Remediation & Redevelopment Program policies

Stalled LUST Case Initiative Charter and Work Plan

Resources re: hydrogeology, DNR rules, petroleum contamination properties, federal tanks & releases, etc.

LUST Evaluation Template - 4 practice evaluations together

Tracking Spreadsheet

Project Process

Evaluate

- Evaluation form completed
- Review by RR Federal (LUST) Program Coordinator
- Recommendations

Technical Review/ Input

- Vapor intrusion expert (if “screens in” for vapor intrusion)
- Project manager
- Peer review (typically ~ 4 people)

Take Action

- Select and plan actions based upon recommendations
- Seek funding information if owned or potentially owned by local government

Evaluation Form



Common Challenges

Reimbursement program no longer available

Responsible party is deceased, changed or unknown

Co-mingled plumes or contamination

Missing information (e.g., map, boring logs, etc)

Federal tank status unknown or incorrect

Subjective nature of “significant” threat

Brownfields funding challenges

Funding Evaluations



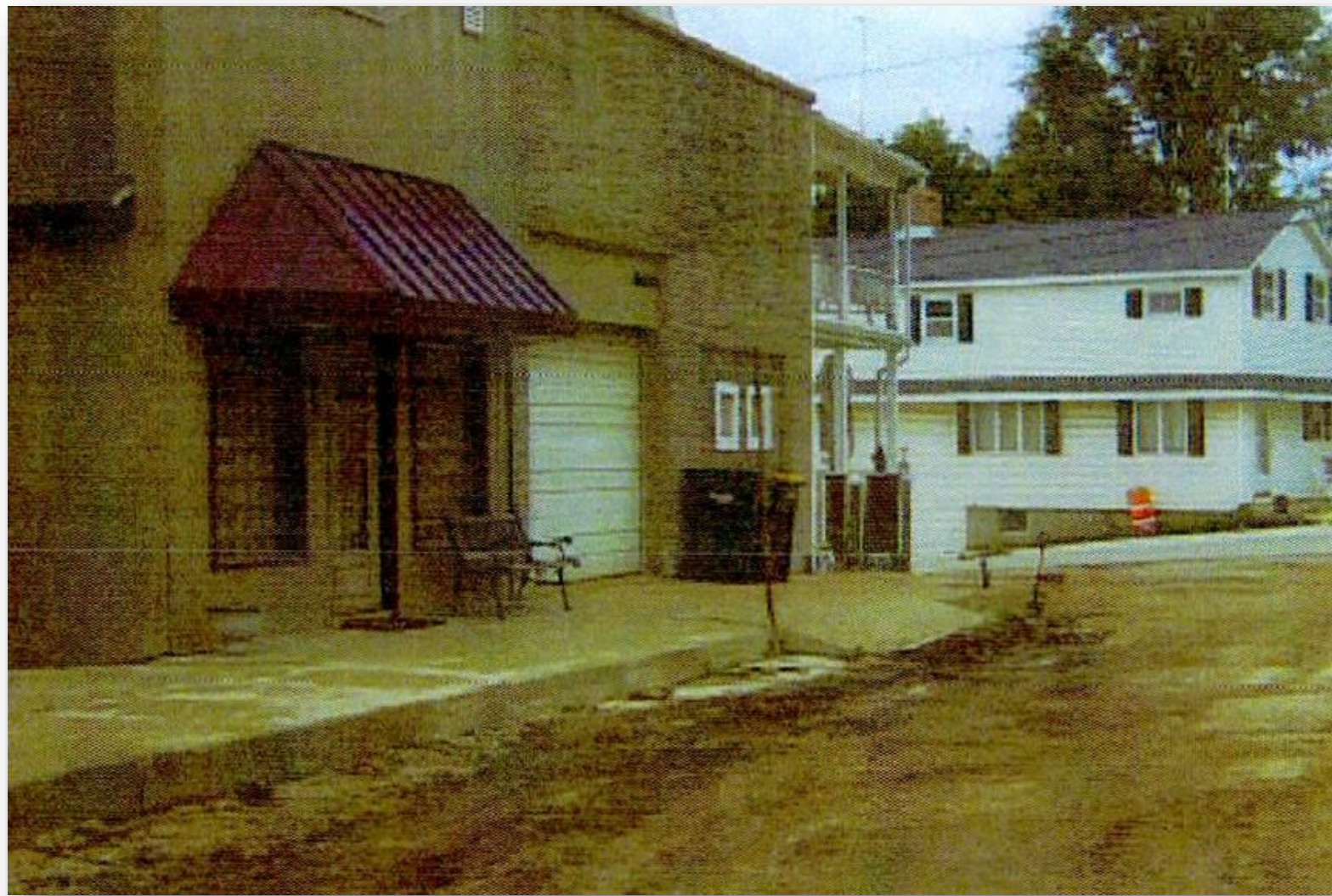
Evaluated funding potential
(primarily for responsible local
government or tax delinquent
owner)

Prepared environmental justice
information (required in 2023
and 2024)

Met with Brownfields staff to
discuss potential for
redevelopment and funding

Connected with local
government to share options

Vapor Intrusion Projects – State Environmental Fund



Iron Ridge



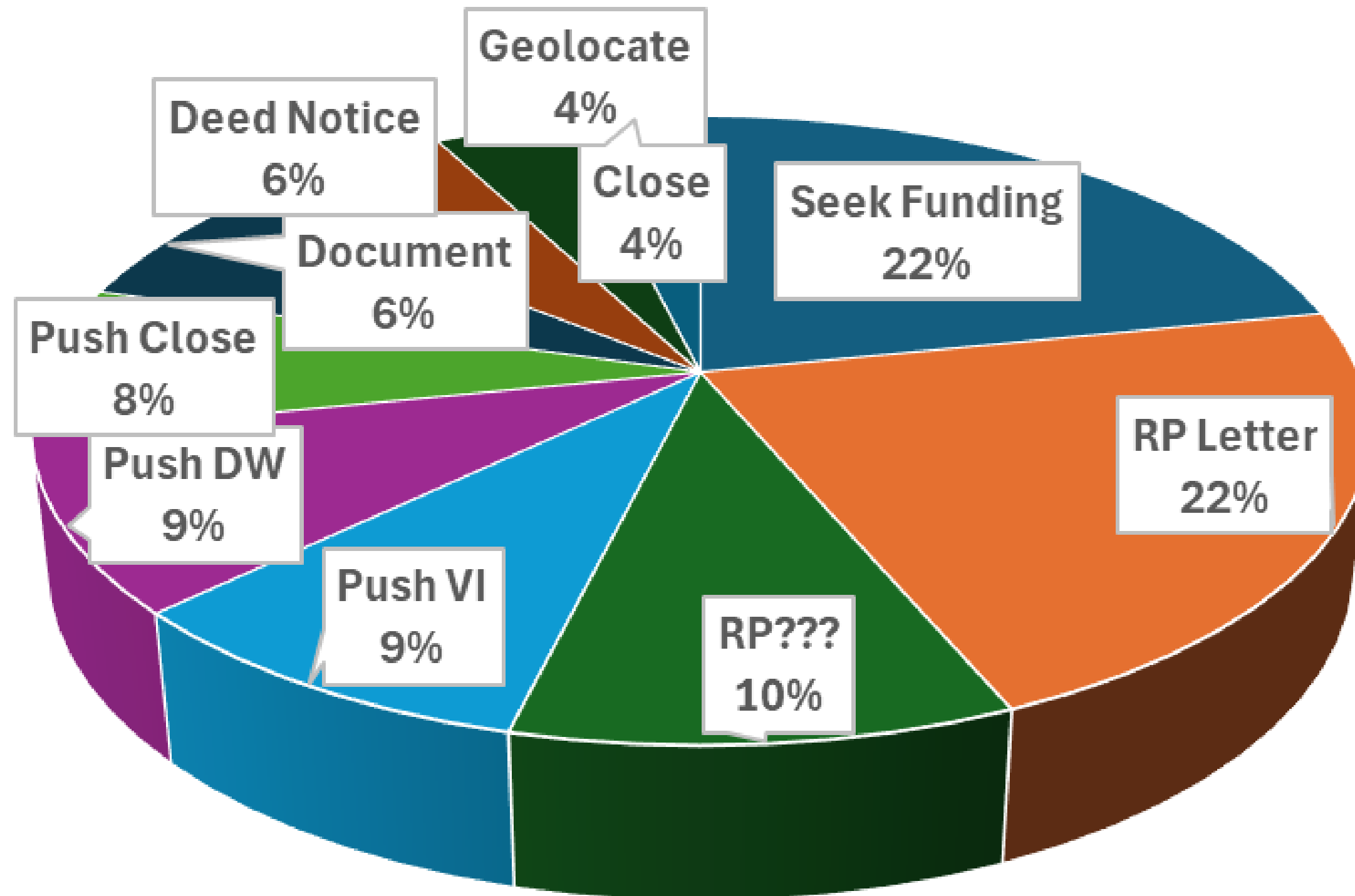
Cassville

Outcomes of Evaluations

- Evaluation completed for 222 of the 323 cases
 - Only federally-regulated, stalled or with documentation
- Findings
 - ~14% had a significant receptor threat
 - 18 vapor intrusion
 - 13 drinking water
 - 6% ready to close or nearly closed
 - ~36% (79 cases) needed follow-up action(s)



79 Follow-Up Actions: WI LUST Stalled Sites Initiative



Example: Rod & Sue Larson Property

Location (actual street address, not P.O. Box; if no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60):

King Street - 2nd building on East side of King, north of Hwy 12



Location (actual street address, not P.O. Box; if no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 and 123 on E side of CTH 60): First building north of the In Mentor Shop on King Street, in Humboldt, WI. OR on East side of King St. ~400' N of its intersection of CTH 12/27

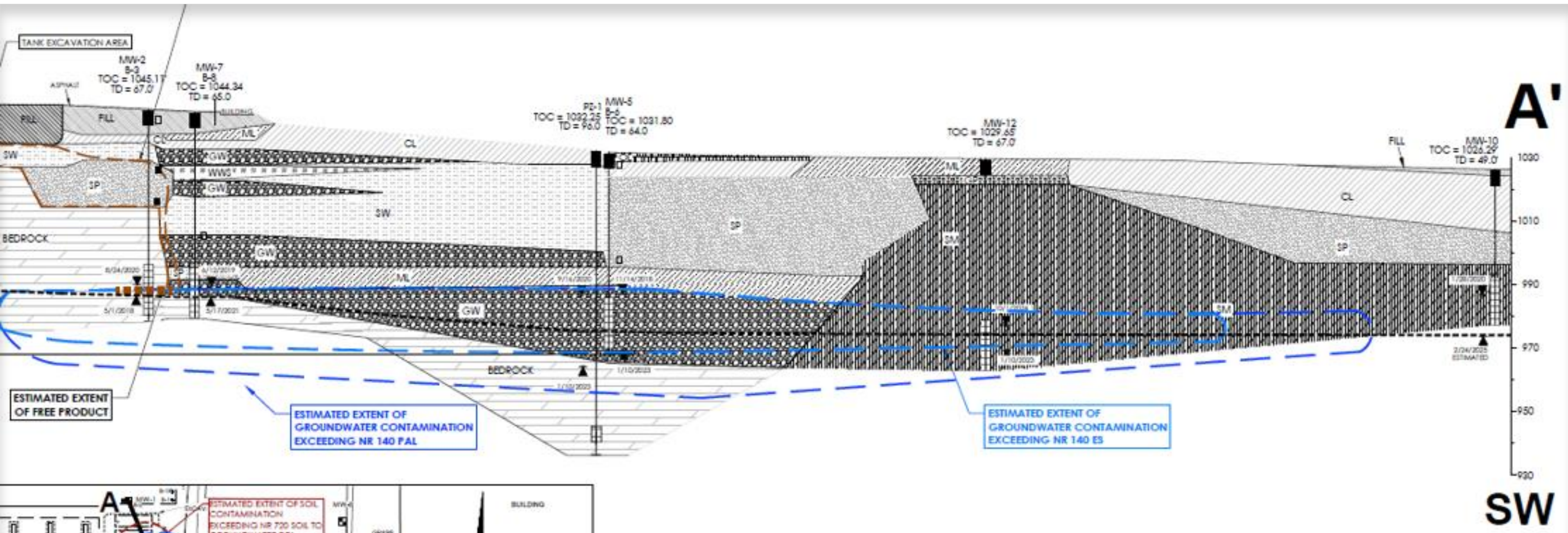
Benefits

- Re-initiating communications with RPs/new RPs
- Snapshot of site status uploaded for future work
- Reduced workload for PMs
- Scanned files
- LTEs gained experience



Ongoing Work

- Continuing with fewer staff for FFY25-26
- Completing follow-up work
- General project management for vacant full-time positions
- State-lead VI work



CONNECT WITH US

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"WILD WISCONSIN:
OFF THE RECORD"