

From: Beggs, Tauren R - DNR
Sent: Tuesday, April 30, 2024 3:20 PM
To: dchurch23@att.net
Cc: Matt Dahlem
Subject: Response to Technical Assistance Request - Sub-Slab Vapor Mitigation System Design for WI DOT First National Bank Site, BRRTS # 02-36-454805
Attachments: 20240430_98_Tech_Assist_Provide.pdf

Good afternoon David,

Attached is the DNR response letter concurring with the Sub-Slab Vapor Mitigation System Design with comments for the above referenced site located at 1509 Washington Street, Two Rivers.

If you have any questions, please let me know.

Regards,
Tauren

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Tauren R. Beggs

Hydrogeologist & Northeast Region Land Recycling Expert
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
2984 Shawano Ave
Green Bay, WI 54313
Phone: (920) 510-3472
Tauren.Beggs@wisconsin.gov
dnr.wi.gov



April 30, 2024

Dcole TR, LLC
Attn: David Church
12610 W North Ct
New Berlin, WI 53151
Via Electronic Mail Only to dchurch23@att.net

Subject: Response to Technical Assistance Request – Sub-Slab Vapor Mitigation System Design, Vapor Port Design, and Vapor Sampling
WI DOT First National Bank, 1509 Washington Street, Two Rivers, WI
BRRTS #: 02-36-454805

Dear Mr. Church:

This letter is written in response to a Technical Assistance Request for a Sub-Slab Vapor Mitigation System Design, including vapor port design and vapor sampling (Request), submitted on your behalf by Matt Dahlem of Fehr Graham. The Request was received by the Wisconsin Department of Natural Resources (DNR) on April 16, 2024, with the \$700 review fee as required by Wisconsin Administrative Code (Wis. Admin. Code) § NR 749.04(1).

Determination

DNR has reviewed the Request and concurs with the sub-slab vapor mitigation system (VMS) design, vapor port design, and vapor sampling plan with the following comments:

- Analysis should be limited to the contaminants of concern, drycleaner chlorinated volatile organic compounds (i.e. tetrachloroethylene (PCE), trichloroethylene (TCE), trans-1,2-dichloroethylene, cis-1,2-dichloroethylene, and vinyl chloride).
- Because TCE is present, DNR recommends pairing sub-slab vapor (SSV) with indoor air sampling for each sampling event.
- Since a passive VMS is going to be installed, all exhaust pipes should be capped prior to sampling SSV to monitor vapor accumulation under worst-case conditions. If SSV sampling indicates there is not a vapor risk screening level (VRSL) exceedance, then the passive VMS exhaust pipes can either stay capped or be uncapped to allow the passive VMS to vent. Sufficient data is needed to demonstrate that an active system is not needed.
- If the building construction is completed earlier than expected, then the timing for the first sampling round needs to be adjusted to ensure vapor and indoor air data is collected prior to occupancy and subsequent rounds may also need to be adjusted. Notify DNR if the timeline for sampling needs to be changed based on the construction schedule as development progresses.

The Request and response can be found in the Bureau for Remediation & Redevelopment Tracking System (BRRTS) on the Web (BOTW), go to dnr.wi.gov, and search “BOTW.” Use the BRRTS # found at the top of this letter. The site can also be found on the map view, Remediation and Redevelopment Sites Map (RRSM) by searching “RRSM.”

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Dcole TR, LLC, Mr. David Church

Response to Technical Assistance Request – Sub-Slab Vapor Mitigation System Design, Vapor Port Design, and Vapor Sampling
WI DOT First National Bank, BRRTS #: 02-36-454805

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 920-510-3472 or at Tauren.Beggs@wisconsin.gov.

Sincerely,



Tauren R. Beggs
Northeast Region Project Manager
Remediation & Redevelopment Program

cc: Matt Dahlem, Fehr Graham (mdahlem@fehrgraham.com)