

Pfeiffer, Jane K - DNR

From: Pfeiffer, Jane K - DNR
Sent: Monday, July 11, 2022 4:47 PM
To: Robert Reineke
Cc: shane@roerscompanies.com; que@scott-crawford.com; Martinez, Joseph J - DNR (Joseph.Martinez@wisconsin.gov)
Subject: CWC- West Block (02-41-587376) VMS Commissioning - Additional Action Required

Follow Up Flag: Follow up
Flag Status: Completed

Hi Robert,

Thank you for speaking with me today regarding the first round of VMS commissioning data for the above-referenced site, which was presented to the DNR on 06/21/22. As we discussed, the PCE identified at IA-8A-01B is considered a residential VAL exceedance, as it attains the applicable VAL. Additionally, the DNR understands that the residential units in Buildings 6A, 7, 8A and 8B have been open for occupancy since June 22, 2022. Considering this information, the DNR requires that additional investigation occur to determine the extent and degree of PCE in the indoor air as well as the source area and/or migration pathways for the PCE vapor contamination. The goal of this assessment is to determine whether any vapor mitigation system modifications and/or additional vapor mitigation measures are necessary, and may consist of the following:

1. Perform site reconnaissance in the area of IA-8A-01B to help to determine if there are potential preferential pathways present or if there is an indoor air PCE source. For additional guidance on the preferential pathway assessment, you may reference DNR guidance document RR-649, *Guidance for Documenting the Investigation of Human-made Preferential Pathways Including Utility Corridors*.
2. Collect additional sub-slab samples near IA-8A-01B to help to further investigate PCE within the sub-slab vapors near this sample location.
3. Conduct additional indoor air sampling at the IA-8A-01B location to confirm the initial sample results and evaluate the variability of contaminant concentrations at this location.
4. Conduct indoor air sampling at residential units adjacent to sample location IA-8A-01B to help to determine whether vapor intrusion is occurring in these residential spaces. Considering the TCE sub-slab VRSL exceedance sample location WB-SS-4, consider sampling indoor air to the south of IA-8A-01B.

Per Wis. Admin. Code § NR 716.14, submit all sampling results within 10 days (on appropriately formatted tables) of receiving laboratory data. This additional data and information can be further evaluated and presented in the second round commissioning report. The report should include discussion on potential system modifications and/or additional vapor mitigation measures that may be needed. Please reach out with any questions you might have.

Thank you, Jane

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