

From: Beggs, Tauren R - DNR
Sent: Tuesday, February 4, 2020 11:05 AM
To: 'David De Courcy Bower'
Subject: Vapor Intrusion Workplan Notice to Proceed with Comments, Hamilton Industries (Former), BRRTS # 02-36-578316
Attachments: Sanitary.pdf

Hi David,

I have reviewed the *Vapor Intrusion Evaluation Work Plan Addendum 1* and this email acts as a notice to proceed with the following comments:

- All four proposed soil boring locations should be moved approximately 35-40' south, so the southern proposed borings are directly east and west of MW-25S.
- Vapor/air samples collected for sub-slab and sanitary investigation should be reported for PCE, TCE, cis-1,2 DCE, trans-1,2 DCE, and vinyl chloride, not just TCE.
- To rule out sub-slab vapor intrusion, a minimum of two rounds with one round during the heating season and one round during the cooling season below VRSLs is needed. Please record weather/temperature during vapor sample collection. Please refer to guidance document [RR-800](#), Table 5c for more information.
- Adjacent to the MW-25S area, since there are no preferential pathways (utilities) near the contamination and the CVOCs identified in soil and groundwater are adjacent to the southern end of the building, the proposed sub-slab samples should be collected closer to the south-center of the building.
- Recommend including the manhole numbers on your figure from the attached sanitary map from the City of Two Rivers for better identification of specific manholes.
- Whichever manhole (MH) is still present directly east of MH-124 along 16th Street (as identified on the attached sanitary map), should be sampled. The one you have proposed to sample in this area is not identified on the City's sanitary map.
- Remove manhole sampling of the two locations MH-139 and MH-140 on the south end of Jefferson Street. Now that the utility information is available from the City, it shows that this sanitary line (with these two manhole locations) is not connected to the same sanitary line that has laterals from the Hamilton Industries (Former) property and the sanitary line likely does not intersect the contaminated groundwater plume in that area either.
- Add two manhole sampling locations, MH-134 in 17th Street and MH-153 just south of where the sanitary line crosses the river.

If you have any questions, please feel free to contact me.

Regards,

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Tauren R. Beggs

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