

From: Borski, Jennifer - DNR
Sent: Tuesday, August 03, 2021 2:11 PM
To: McKnight, Kevin - DNR; Hedman, Curtis J - DHS
Cc: Schultz, Josie M - DNR; Kloczko, Nathan F - DHS
Subject: VI Discussion/DHS Consult for Mirro Plt #20 (Former), BRRTS #02-08-520157

Kevin,

Thank you for discussing the Mirro Plt #20 (Former) site with us yesterday afternoon. We reviewed a couple site maps, groundwater and vapor data and site photos available in the site file. We understand this site is a historical release of CVOCs from a prior owner/operator (RP/Voluntary Party) at a large industrial building with open sumps, water in the basement, multiple tenants on the first floor and a vacant second floor with leaky roof. Furthermore, there are industrial fans ventilating the building to deal with the humidity/moisture concerns. We specifically discussed the sump headspace vapor data where **PCE & TCE are present at more than 3 times the commercial VAL** and trans-1,2-DCE is above the new commercial VAL.

Based on our review and discussion, DNR and DHS have the following comments regarding VI:

- Demographics need to be quickly identified.
- We need to understand if the machine shop utilizes CVOCs in their operations.
- Prior to performing additional indoor air sampling, the temporary sump covers should be removed to adequately assess indoor air mixing & risk to occupants.
- Sub-slab vapor samples (30-min grab) and indoor air samples (14-day passive sampling and, if women of child-bearing years present, 8-hr with quick turn analysis) should be collected from the slab-on-grade machine shop area.
- Indoor air sampling (14-day passive sampling and, if women of child-bearing years present, 8-hr with quick turn analysis) should be collected from the first floor above the basement area(s).

Next steps:

- Kevin will work with the consultant, RP/VP & property owner to identify demographics of the employees, determine if the machine shop tenants utilize CVOCs in their operations and perform the additional vapor sampling including 8-hr samples with quick-turn if appropriate.
- Curtis can assist Kevin with messaging, access and support on timing, if needed.
- Curtis will notify local health of the sump vapor data, site conditions and plans for additional vapor sampling.
- As additional vapor data is received, we will reconvene to discuss appropriate mitigation and/or occupancy limitations.

While we did not specifically discuss this, please remember that you can share health-related information on TCE and vapor intrusion that is available on the [Vapor Intrusion Resources for Environmental Professionals](#) website under the "Health" tab (e.g., March 25, 2021 letter from DHS on appropriate timing; fact sheet on TCE).

Let me know if you have any questions or understood anything differently. Please share the vapor data with all of us upon receipt and I will set up the next round of discussion.

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Jennifer Borski

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