Grittner, Paul V - DNR

From: Grittner, Paul V - DNR
Sent: Wednesday, January 11, 2017 9:58 AM
To: Bob Thomson
Subject: RE: Proposed Sub-slab Vapor Sampling, Shur-Line, St. Francis, WI

Bob,

The sub-slab vapor sampling plan is comprehensive and will provide a considerable amount of information regarding the extent of impacted soil vapor at this site. The DNR would not necessarily require the sample density proposed for the size of the building being assessed. If areas of the building that will require mitigation or remediation can be identified with fewer samples that would be acceptable to the DNR.

Based on the vapor data collected so far, it is very likely that source remediation will be required to address the long term risk that this contamination poses to the building occupants. While the installation of a mitigation system is an important step in reducing the risk caused by vapor intrusion, it is not considered to be a remediation strategy.

As this project moves forward, you will need to determine how well the source of the vapor contamination (CVOCs in soil and groundwater) has been defined and what additional sampling will be required to determine its extent. You will also need to assess whether the vapor impacts identified are reasonably attributed to the what is known regarding the extent of soil and groundwater contamination. Possible remediation strategies should be considered when choosing how, and when, to construct a mitigation system to ensure that these actions don't interfere with each other.

If sub-slab data suggests that impacted soil vapor could be migrating beyond the limits of the property additional investigation will be required to determine if nearby residences are at risk of vapor intrusion.

I can be contacted at the number (which has recently changed) or email below if you have any questions regarding this project.

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Paul Grittner
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From: Bob Thomson [mailto:rthomson@hyde-env.com]
Sent: Wednesday, January 04, 2017 3:24 PM
To: Grittner, Paul V - DNR
Cc: Sawula, Andrew N.; Rodriguez, Gabriel M.
Subject: Proposed Sub-slab Vapor Sampling, Shur-Line, St. Francis, WI

Paul—

Please find attached a figure depicting the proposed sub-slab vapor sampling locations at the Shur-Line facility. We are scheduled to perform the sampling late next week. The sampling protocol is consistent with WDNR sample collection guidance and will include the use of 6L Summa canisters for TO-15 analyses. Please advise if you have any questions or comments.

Thanks,
Bob

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