



October 19, 2021

Jeffrey Reyes  
4005 S. Kinnickinnic Avenue  
Saint Francis, WI 53235

SUBJECT: Request for Access to Sample for Vapor Intrusion

Dear Jeffrey Reyes:

The purpose of this letter is to request permission to test your home for vapor intrusion. The Wisconsin Department of Natural Resources (DNR) in conjunction with the Wisconsin Department of Health Services (DHS) recommends the collection of an indoor air sample within the residence located on your property. The purpose of the indoor air sampling is to determine if the indoor air in your residence has been impacted by chlorinated volatile organic compound (CVOC) contamination that is known to be present in soil, groundwater, and vapor at the neighboring 4021 S. Kinnickinnic Avenue property (4021 Property).

Vapor intrusion is the movement of vapors from chemicals in the soil or groundwater into the indoor air of a building. It is very similar to the way that radon gas can move into a home or office. The proposed indoor air sampling would not be considered a complete investigation that would fully assess the risk of vapor intrusion at your property. However, the proposed indoor air sampling will assist in determining if there is an immediate exposure to contamination via the indoor air in your residence.

The party responsible for the investigation and cleanup of contamination at the 4021 Property (Responsible Party) has conducted environmental site investigation activities that have identified CVOC contamination in soil, groundwater, and vapor at the 4021 Property, including near your property boundary. The CVOCs detected at the site include tetrachloroethylene (PCE) and trichloroethylene (TCE). The results of the investigation conducted to date indicate that a vapor intrusion investigation should take place at your property. The DNR has requested that the Responsible Party complete a vapor intrusion investigation at your property, however the work has yet to be completed and it is unclear whether the Responsible Party has contacted you to request access to your property to complete the work.

The CVOCs detected at the 4021 Property can produce adverse health effects when vapor intrusion exposures occur. Please see the attached fact sheets from the Agency for Toxic Substances and Disease Registry (ATSDR) to learn more about PCE and TCE.

The DNR and the DHS request your permission to collect an indoor air sample at your residence. The DHS will pay for the cost of collecting this sample and will notify you of the results. If the indoor air sampling within your house indicates that a regulatory standard is exceeded, then the DNR and the DHS recommend the installation of a vapor mitigation system, which is similar to a radon venting system. Note that when the risk from chemical vapors is discovered as part of an environmental cleanup, the party responsible for the cleanup is also responsible for paying for the design, installation, and start-up of vapor mitigation on affected properties. If the indoor air sampling within your house does not identify any exceedances of regulatory standards, this means that there was not an exposure above regulatory standards during the sampling timeframe, however the DNR would continue to request that the Responsible Party complete an investigation to fully assess the risk of vapor intrusion at your property.

Please see the attached fact sheets for additional information regarding vapor intrusion and the health risks associated with the contaminants present at the 4021 Property.

To grant access for the proposed sampling, discuss the sampling schedule, or if you have any questions about the contents of this letter please contact me at 414-218-6042 or by email at [Joseph.Martinez@wisconsin.gov](mailto:Joseph.Martinez@wisconsin.gov). If you have questions about the potential health impacts associated with vapor intrusion contact Curtis Hedman of the DHS at 608-266-6677 or by email at [Curtis.Hedman@dhs.wisconsin.gov](mailto:Curtis.Hedman@dhs.wisconsin.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Martinez', with a long horizontal flourish extending to the right.

Joseph J. Martinez  
Hydrogeologist – Southeast Region  
Remediation & Redevelopment Program

Attachments:

*ATSDR Trichloroethylene – ToxFAQs™*

*ATSDR Tetrachloroethylene - ToxFAQs™*

*What is Vapor Intrusion (RR-892)*

*Why Test for Vapor Intrusion? (RR-953)*

*Mitigation: Protection from Vapor Intrusion (RR-094)*

*When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners (RR-589)*

*Environmental Contamination & Your Real Estate (RR-973)*

Cc: Curtis Hedman – DHS