

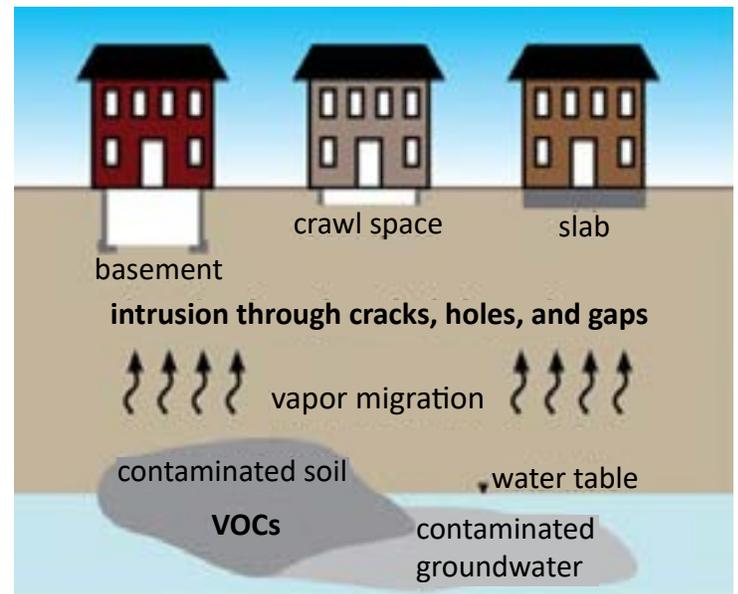
Bonair Avenue Vapor Intrusion Investigation Site



Hatboro, PA

Community Update | July 2022

EPA conducted previous sampling efforts at the site and identified vapor intrusion as a potential concern at several Hatboro residences. Vapor intrusion (VI) is the migration of chemical vapors from subsurface contaminated soils and/or groundwater into the indoor air spaces of overlying buildings through openings in the building foundation. The graphic to the right shows the migration pathway for VI. Common sources of VI include petroleum products, dry cleaning solvents, and other industrial solvents and degreasers. EPA plans to install temporary passive soil gas sampling devices within the Borough's rights-of-way to help identify potential source areas and migration pathways.



What Will the Sampling Process Look Like?

Sampling device installation will involve using a hand-held drill to install shallow boreholes. Small sample collection devices will be placed in the boreholes and the hole will be sealed. After about two weeks in the ground, the samplers will be retrieved and sent to a laboratory for analysis. The boreholes will be repaired during the sample retrieval. Sampling device installation is planned for the week of July 25th, with the retrieval planned for the week of August 8th. The work is expected to take between 3 to 5 days each week. There will not be any road closures.

Next Steps

EPA is hopeful that the sampling will better define the area of contamination and potential sources so that we can determine if any additional residences or businesses should be evaluated.

For More Information 

Scan the QR Code with your smartphone or visit the website:

response.epa.gov/BonaireAvenueVI



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