

HOCKESSIN GROUNDWATER SITE

Hockessin, New Castle, DE. **AUGUST 2016**

Community Update



EPA To Conduct Environmental Sampling In The Hockessin Community

- Beginning in August 2016, the U.S. Environmental Protection Agency (EPA), will be conducting environmental sampling for the Hockessin Groundwater Site located near the intersection of Lancaster Pike and Yorklyn Road.
- EPA will be performing an assessment of soil vapor and groundwater in an area of Hockessin believed to be contaminated with a dry cleaner solvent known as Perchloroethylene (PCE). The assessment will help to define the presence of PCE existing as a vapor in the unsaturated zone and if this soil vapor has the potential to migrate into homes, thus presenting health concerns. This phenomenon is known as vapor intrusion or VI.
- To learn more about soil vapor and vapor intrusion visit: <https://www.epa.gov/vaporintrusion/what-vapor-intrusion>

What You May Notice

- EPA personnel and contractors
- Geoprobe drill rig
- Utility markings
- Support equipment trucks
- Safety cones
- Potential traffic control personnel

Brief Background

Since 2005, the Delaware Department of Natural Resources and Environmental Control (DNREC), has been investigating the presence of PCE in the groundwater impacting the six municipal drinking water wells located in Hockessin, DE. These municipal wells, which are operated by the Artesian Water Company, supply drinking water to the local community. The drinking water supply is being treated and currently meets Delaware water quality standards. Current efforts by the EPA will help further delineate the groundwater contamination plume and identify potential VI problems.

Next Steps

Depending on the results of the soil vapor assessment, further steps may be needed to prevent vapor intrusion. These results should be available in approximately 60 days.

Questions? Contact us!

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Above: An EPA contractor is shown performing a soil vapor assessment using a Geoprobe Drill Rig.

U.S. Environmental Protection Agency, Region 3

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