

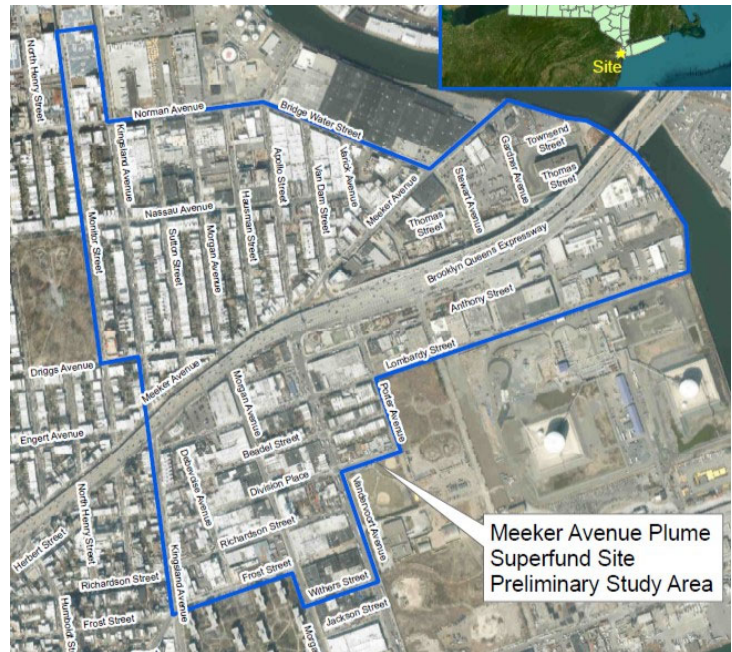


SEPTEMBER 2024

Current and Upcoming Activities

This October, the U.S. Environmental Protection Agency plans to begin sampling groundwater using over 400 groundwater monitoring wells in and around the EPA's current study area for the Meeker Avenue Plume Superfund site in the Greenpoint and East Williamsburg neighborhoods of Brooklyn, New York. The EPA and the U.S. Army Corps of Engineers will oversee all sampling, which is expected to be completed by the end of November 2024.

The EPA will sample groundwater to evaluate the current level of chlorinated volatile organic compounds, or CVOCs, including tetrachloroethylene, or PCE, trichloroethylene, or TCE, cis-1,2-dichloroethylene, or DCE, and vinyl chloride in the groundwater across Greenpoint and East Williamsburg. The agency will also test the majority of wells for semi-volatile organic compounds, or SVOCs, polychlorinated biphenyls, or PCBs, pesticides, and metals.



This sampling will help the EPA continue to understand the extent of the chemical contamination at the site. These results will add to the sampling results from the 344 groundwater monitoring wells that the EPA sampled in 2023. Obtaining a new round of sampling from the same wells helps the EPA understand how concentrations may change over time. In addition to resampling all of the 344 wells sampled last year, the EPA will sample the more than 30 wells the agency installed in 2024, as well as several additional wells in the area that the agency recently obtained access to.

The EPA will sample the wells Monday-Friday, from 7:00 a.m. to 6:00 p.m. The sampling should not cause any road closures or traffic delays.

The majority of the sampling results will be available in mid-2025.

In addition to the groundwater sampling, the agency continues to seek permission to access more first-floor and basement-level properties within the current investigation area to sample the indoor air and vapors beneath the buildings, as well as the surrounding outdoor air. The EPA is planning the next round of vapor intrusion sampling for the upcoming winter heating season, between December 2024 and March 2025.

About the Contaminants

Chlorinated Volatile Organic Compounds, or CVOCs, including tetrachloroethylene, or PCE, trichloroethylene, or TCE, cis-1,2-dichloroethylene, or DCE, and vinyl chloride, are man-made chemicals that evaporate at room temperature and are associated with a higher risk of reproductive effects and cancer after prolonged exposure.

Learn more about [PCE](#), [TCE](#), [DCE](#) and [vinyl chloride](#) from the Agency for Toxic Substances and Disease Registry.

Site Background

The EPA added the Meeker Avenue Plume site to the Superfund program's National Priorities List in March 2022. The New York State Department of Environmental Conservation has been investigating the area since 2007. The EPA is assessing the level of contamination and any potential impacts to people's health. This sampling will help the agency understand the nature and extent of contamination better and plan additional sampling and cleanup efforts.

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