

Superfund Construction Project – Funding Pending



Durham Meadows Superfund Site Durham, Connecticut

Site Description

The [Durham Meadows](#) site in Durham, Connecticut, includes an area of groundwater contamination and associated source areas, which consist of the currently operating Durham Manufacturing Company facility and the former location of the Merriam Manufacturing Company. The site also includes Durham's historic Main Street as well as industrial and residential properties.

Both companies manufactured metal cabinets, boxes and other items. During their respective operating histories, both companies used various solvents, including trichloroethene, 1,1,1-trichloroethane and methylene chloride. Contamination from volatile organic compounds has been detected in soil and groundwater on both properties as well as in nearby residential drinking water wells.

Site Status and Cleanup Actions to Date

- In 2013, EPA completed a soil excavation remedy to address risks to human health from contamination in soil and soil vapor. The soil was disposed of offsite.
- In 2016, EPA completed a design for soil excavation and off-site disposal of hotspot areas to address risks to human health from contamination in shallow groundwater and to address source contamination.
- As an interim measure to mitigate potential exposures to contaminated groundwater, EPA continues to monitor drinking water wells and to provide carbon filters or bottled water to residents within the area of the contaminated drinking water wells.
- EPA, working with the U.S. Army Corps of Engineers, awarded a contract in 2019 to install the water line. The water line's construction began in September 2019, with nearly 10,000 linear feet installed by the end of 2019. Construction of the water line will continue in 2020 and 2021.
- EPA has determined it is not technically practicable to clean up the groundwater. Consequently, EPA is establishing a technical impracticability zone and designing a monitoring network for the dissolved plume to ensure no migration of groundwater occurs beyond this boundary. The design for this component began in 2016 and is ongoing.
- There is a contingency to implement a groundwater extraction system for hydraulic containment if the plume or source zone spreads beyond its current boundary. This component is not currently active.
- Institutional controls are in place or their implementation is under way in a variety of areas to prevent unrestricted future use of certain site areas or use of contaminated groundwater.
- EPA determined that, through completion of the site's first five-year review in September 2016, the remedy continues to be protective of human health and the environment.

Project Pending Funding, as of the end of Fiscal Year 2019

This work is the implementation of the Durham study area cleanup, which includes excavation and off-site disposal of approximately 11,000 cubic yards of contaminated soil in hot-spot areas.

Funding Through Fiscal Year 2019

EPA has provided approximately \$48 million for cleanup activities at the site.