

Superfund Construction Project – Funding Pending



Ten-Mile Drain Superfund Site St. Clair Shores, Michigan

Site Description

The [Ten-Mile Drain](#) site is in a mixed commercial/residential area of St. Clair Shores, Michigan. The site includes a portion of the Ten-Mile Drain storm sewer system (TMD system), which consists of concrete storm sewer pipes and surrounding backfill materials heavily contaminated with PCBs. During an historical release, the PCBs migrated into the TMD system and discharged into the Lange and Revere Street canals, which are connected to Lake St. Clair. The PCB releases are not ongoing.

In September 2010, EPA placed the TMD site on the National Priorities List. EPA is the lead agency for the site and the state of Michigan's Department of Environment, Great Lakes, and Energy is the support agency. EPA is conducting the site's investigation and cleanup work because, to date, no potentially responsible parties have been identified.

Site Status and Cleanup Actions to Date

- EPA is addressing the TMD site's PCB contamination through a phased approach, beginning with two interim remedial actions to remove the system's source materials.
- An interim action addressed accumulated PCB contamination inside a portion of the TMD system as well as backfill and bedding materials believed to be serving as an ongoing PCB source to the rest of the TMD system (and the Lange and Revere Street canals).
- EPA has also selected a residential cleanup action to address PCB-contaminated surface soil and, in support of that action, has completed remedial design sampling at 184 of the 195 residential/commercial properties targeted for sampling while also completing cleanup designs for 49 properties (46 residential and 3 commercial) requiring cleanup.
- EPA completed a sitewide feasibility study that addresses the site's remaining PCB contamination at two distinctly different areas of the site: a portion of the TMD system (including associated backfill materials) which discharges to the canals, and the impacted canal sediments. EPA plans to first develop a proposed plan and issue a record of decision to address the upgradient source materials in the TMD system. This approach allows for the collection of sufficient performance monitoring data to demonstrate the effectiveness of the storm sewer remedy before moving forward with the sediment cleanup - the site's final remedy.

Project Pending Funding, as of the end of Fiscal Year 2020

This work consists of near-surface soil excavation at an estimated 50-75 residential and commercial properties with PCB concentrations exceeding cleanup levels. Excavated soil will be disposed of off-site at an appropriate landfill.

Funding Through Fiscal Year 2020

EPA has provided approximately \$10 million for cleanup activities at the site.