

Memorandum

To: *Nilia Moberly Green, USEPA Remedial Project Manager, U.S. EPA Region 5
Megan Cynar, Senior Project Manager, Michigan Department of Environment, Great Lakes, and Energy (EGLE)*

From: *Christopher Vandegrift, Senior Project Manager
Ernest Ashley, Senior Hydrogeologist*

Date: *December 17, 2025*

Subject: *Community Advisory Group (CAG) 4th Quarter 2025 Update
McLouth Steel Corporation Superfund Site Remedial Investigation/Feasibility Study*

CDM Federal Programs Corporation (CDM Smith) prepared this memorandum to provide an update of activities performed at the McLouth Steel Corporation Superfund Site (Site) since the last CAG update meeting in August 2025. This project is a part of the U.S. Environmental Protection Agency (EPA) Design and Engineering Services Contract No. 68HE0318D0003, Task Order No. 68HE0523F0033, and the work completed during this period is related to Operable Unit 1 (OU1 -Source Areas), Operable Unit 2 (OU2 - Groundwater), and Operable Unit 3 (OU3 – Trenton Channel). This memorandum serves as a replacement to the routinely scheduled CAG meeting originally scheduled for December 11, 2025.

OU1/OU2 Activities – August 2025 through December 2025

CDM Smith continued OU1/OU2 related investigative field activities to build on the project’s understanding of soil/groundwater conditions. The following activities were completed or are ongoing at the site:

- Passive flux meters were deployed within well clusters along the Site shoreline. These meters measured vertical groundwater flow or groundwater flow from groundwater to surface water (Trenton Channel).
- Performed additional hydraulic conductivity testing (slug testing) across the Site to further develop an understanding of groundwater movement within different overburden soils encountered.
- Installed and sampled a replacement monitoring well RI-MW-16R to take the place of monitoring well RI-MW-16 that was destroyed during land clearing efforts by the landowner’s subcontractor.



Groundwater sampling apparatus

- Newly installed soil borings and monitoring wells were surveyed to obtain accurate locations and elevations.
- Transducers (water level sensors) were installed in select monitoring wells to collect continuous real time groundwater elevation data.
- Disposed the soil and groundwater generated during the investigation.

OU3 Activities – October 2025

CDM Smith continued investigative field activities in the Trenton Channel. The following activities have been completed or are ongoing within the channel:

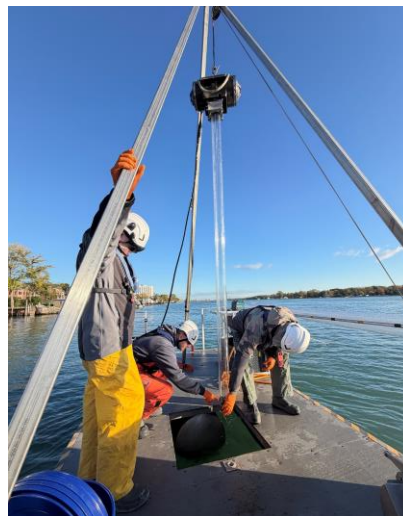
- Completed the following on-water sampling work:
 - Collected surface sediment and deep sediment samples across 12 locations in the channel.
 - Collected six bulk surface sediment samples to extract and analyze porewater.
 - Deployed four sediment traps to collect suspended sediment over a 3-month period. The traps will be retrieved in January 2026.



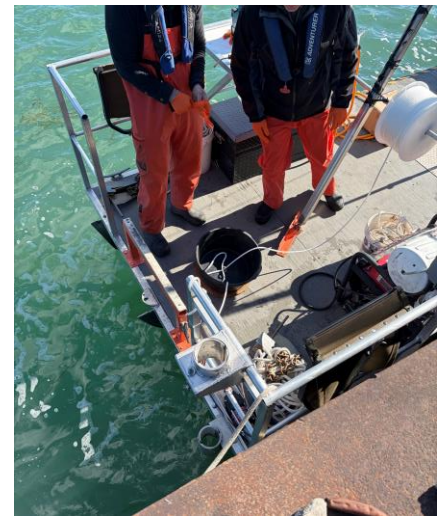
Monitoring well survey



Surface sediment collection via a Ponar dredge sampler



Subsurface sediment collection via a Vibracore sampler



Sediment trap deployment

What's Next

- Winter 2025/2026
 - Prepare a site-wide groundwater monitoring program
 - Prepare Year 2 Technical Memorandums for OU1 and OU2

- Complete bedrock aquifer monitoring need assessment
- Sediment trap collection
- Spring 2026
 - Surface water sampling event
 - Prepare Year 2 Technical Memorandum for OU3
 - Initiation of quarterly groundwater sampling

Agency Contacts

- Nilia Moberly Green – USEPA Remedial Project Manager
 - green.nilia@epa.gov
 - 312-353-6713
- Diane Russell – USEPA Community Involvement Coordinator
 - russell.diane@epa.gov
 - 989-395-3493
- Kirstin Safakas – USEPA Community Involvement Coordinator
 - Safakas.kirstin@epa.gov
 - 312-919-4612
- Megan Cynar – EGLE Superfund Project Manager
 - cynarm@michigan.gov
 - 517-256-2681

Additional Information

- McLouth Steel Corp. Superfund Site Websites
 - CAG home page - <https://mclouthsteelcag.org/>
 - EPA Superfund page - <https://www.epa.gov/superfund/mclouth-steel>