

The U.S. Environmental Protection Agency (EPA) is working throughout the Great Lakes to clean up pollution in river and lake sediment. As part of an agreement with Honeywell, Inc., EPA and Honeywell plan to clean up sediment in the Lower Rouge River – Old Channel. The purpose of the cleanup is to improve conditions of the Old Channel for people, fish, and wildlife.

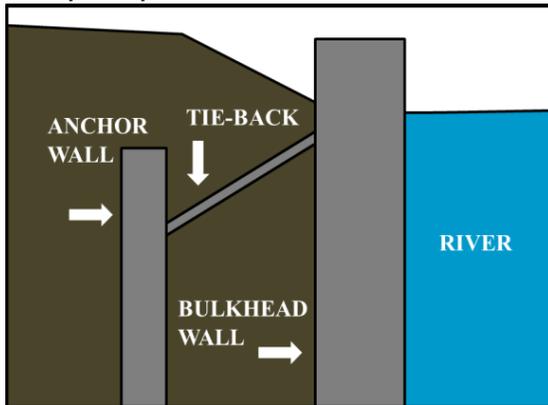
Project Overview

The cleanup for the Lower Rouge River – Old Channel includes dredging, capping, temporary shoreline stabilization, installing a permanent bulkhead wall (Figure 1 above).

- **Dredging:** This is the removal of polluted sediment from the Old Channel. Barges will take sediment offsite for disposal.
- **Capping:** This is the placement of clay and rock on the bottom of the river to cover sediment that cannot be removed.
- **Temporary Shoreline Stabilization:** Some areas along the shoreline will need support only during dredging. Temporary supports (sheetpile) will be driven into the river bank before dredging. When dredging is complete, the area will be filled with clean material to support the river bank and the temporary sheetpile will be removed and reused.

- **Permanent Bulkhead Wall:** The river banks in the Old Channel are steep. To safely remove the sediment, a permanent bulkhead wall will be installed to support the river banks. To keep the permanent wall in place, it will be secured to a smaller anchor wall buried behind it and connected by steel rods called “tie-backs”.

Example of permanent bulkhead and anchor wall



Other Actions

A large amount of debris in the river will be removed. Large debris, such as timber piles, scrap wood and metal, and about eight cars, will be cleaned and shipped off for recycling or disposal.

Schedule

Permanent bulkhead wall construction is expected to begin in the spring of 2018 and take about 13 months. Dredging and capping is expected to begin in early 2019 and will take about 9 months.

Short-Term and Permanent Local Impacts

During the project, there may be more traffic than usual in the area for workers, delivery of material, and disposal of debris.

Installation of the anchor wall for the permanent bulkhead wall requires construction at the end of Springwells Court. During construction, the last 800 feet of the road will be closed. The rest of Springwells Court will not be affected.

Construction of the anchor wall also requires temporary closure of the last 50 feet of Medina Street, and the eastern half of Medina Street for another 50 feet. The construction will involve removing pavement, installing tie-backs, and restoring the road. A barricade and signs will be posted at the intersection of Medina Street and Cary Street allowing through traffic only for residents and businesses.

Contact Us

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Project Partners



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