



US Army Corps  
of Engineers

# I-RAP-St. Louis River-Azcon-Garfield Slip, MN

**Project Location:** This project is located in the Duluth Superior Harbor and is bordered by Helberg Drive to the west. The mouth of the slip opens to the east into Duluth Harbor.

**Project Description:** The Azcon-Garfield Slip is an active 6.5 acre manmade slip surrounded by land on three sides and is located at the mouth of the St. Louis River in Duluth-Superior Harbor. The slip has contributed to long history of manufacturing and shipping needs of the harbor and currently hosts a metal broker and processor and a public agency. The goal of this project is to minimize or remove exposure to legacy sediment contaminants throughout the slip while preserving the water depth to maintain the current use. Slip leveling and consolidation followed by placement of a sub-aqueous cap is being proposed for 2.2 acres at the head of the slip. This project has been identified as necessary for the delisting of the sediment beneficial use impairment (BUI) in the St. Louis River AOC. This project is authorized under Section 401(a) of the Water Resources Development Act of 1990, as amended – Remedial Action Plans (RAP).

**Non-Federal Partner:** Minnesota Pollution Control Agency

**Project Benefits:** Completion of this project will ensure containment of known contaminants below a sub-aqueous cap and remove the exposure of benthic organisms and fish to these sources of contamination. Completion of this project will also contribute to the delisting of the sediment beneficial use impairment (BUI) in the St. Louis River AOC.

**Project Status:** Design was kicked off in spring 2018. The preferred alternative was finalized in August 2018 and the team is currently working on the 65% design. It is anticipated that design turnover will occur in spring 2019.



| Estimated Project Costs |         |
|-------------------------|---------|
| Federal                 | 188,500 |
| Non-Federal             | 101,500 |
| Total                   | 290,000 |

| Project Milestones               |          |
|----------------------------------|----------|
| Design Kick-Off                  | Apr 2018 |
| Design Turnover to Local Sponsor | May 2019 |

| Point of Contact   |
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