

Spirit Lake Environmental Cleanup Continues Under GLRI

Spirit Lake Cleanup Progress

Dredging

- ✓ **360,000 cubic yards** of impacted sediment has been removed from the in-water work areas
- ✓ **52,000 cubic yards** of impacted sediment/soil has been removed from the upstream Unnamed Creek work areas

Capping

- ✓ Approximately **80 acres** of in-water work areas and **11 acres** of the upstream Unnamed Creek work areas have been covered with a clean multi-layer remedial cap

Enhanced Natural Recovery

- ✓ **12 acres** in-water have been covered with a thin layer of clean sand to accelerate natural recovery processes in the sediment

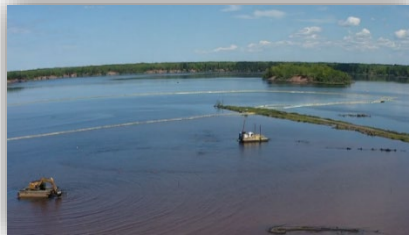
Spirit Lake GLLA Remediation and Restoration Project Update

Duluth, Minnesota

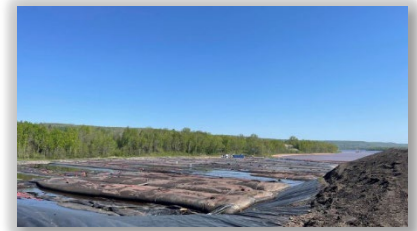
October 2022

The U.S. Environmental Protection Agency (EPA) and United States Steel Corporation (USS) have partnered to clean up impacted sediment and soil in the Spirit Lake area of the St. Louis River in Duluth, Minnesota south of Morgan Park. The cleanup began in Fall 2020 and will continue through 2023.

2022 Completed and Ongoing Work



Dredging of impacted sediment from the Shallow Sheltered Bay (SSB) (see map, left) was completed in summer 2022. Photo shows hydraulic and mechanical dredging.



Dredged material was placed into Geotubes® within the Upland Confined Disposal Facility (CDF).



Capping in the Wire Mill offshore and Unnamed Creek offshore areas was completed in June 2022. Capping is ongoing in the SSB over the dredged surface.



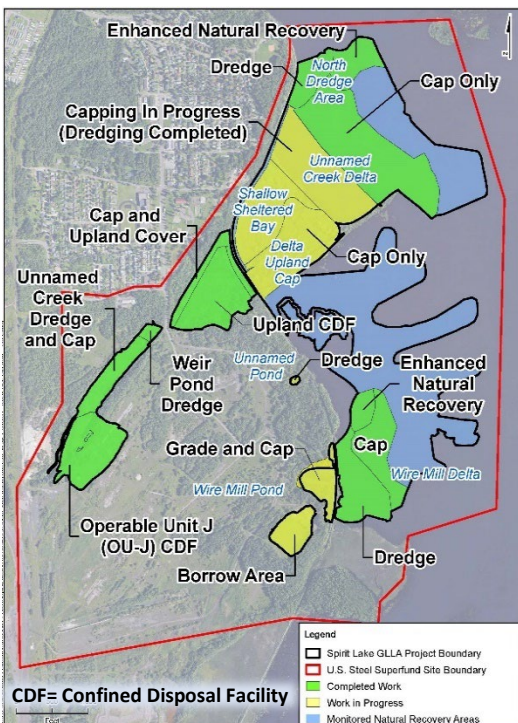
Debris from the SSB shoreline area was removed by mechanical dredging.



The Delta Upland Cap is being constructed adjacent to the SSB. The cap area will support recreational features designed in coordination with the City of Duluth.



Placement of rock for shoreline protection is ongoing along select sections of shoreline within the project area.



Map of completed, ongoing, and upcoming work areas and activities in Spirit Lake Great Lakes Legacy Act (GLLA) Project.

Continued, reverse

2022 Upcoming Work

- Capping will be completed in the SSB, Wire Mill Pond and Unnamed Pond.
- Rock will be placed along the Shallow Sheltered Bay to protect the shoreline.
- The Delta Upland Cap will be completed.
- Pedestrian Trail construction will begin.
- A new railroad bridge will be constructed at Unnamed Creek and the railroad bridge at Wire Mill Pond will be improved.

2023 Work Activities

- During the spring and summer of 2023, habitat restoration planting will occur in upland and in-water portions of the site.
- Construction of the pedestrian trail will be completed.

Project Outreach

- The informational kiosks at the Morgan Park Community Center and at the 88th Avenue West and Idaho Street site entrance have been updated with current project information.
- Weekly photos of construction progress are also available on the EPA Spirit Lake Website: <https://www.epa.gov/great-lakes-aocs/spirit-lake-great-lakes-legacy-act-cleanup>



For more information, please contact EPA's Community Involvement Coordinator Francisco Arcaute at 312-886-7613 or arcaute.francisco@epa.gov, or EPA's Project Manager Mark Loomis at 312-886-0406 or Loomis.mark@epa.gov.

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