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North Shore Riverfront Ecosystem Restoration Section 206 Study

>>> BACKGROUND

The US Army Corps of Engineers' Pittsburgh District (Corps) is in the process of developing and analyzing alternatives for an aquatic ecosystem restoration project located in the City of Pittsburgh, Allegheny County, Pennsylvania. The sponsor for this project is Riverlife, a non-profit organization whose mission includes ecological restoration of Pittsburgh's riverfronts.

The scope of the project includes potential restoration of wetland habitat, re-shaping river banks, removal of invasive riparian plants, planting native riparian plants, and improvement of aquatic habitat.



>>> STATUS

The Corps is currently seeking additional input from subject matter experts regarding near-shore aquatic habitat restoration options within the project area. The project area includes approximately 4,000 feet of shoreline along the right-descending bank of the Ohio River immediately downstream from the confluence of the Allegheny and Monongahela Rivers. The Corps is considering options for improving aquatic habitat within 150 feet of the shoreline. Options that are currently being considered include:

- ☐ Placement of gravel bars for fish spawning habitat
- ☐ Placement of boulders and large woody debris for fish habitat
- ☐ Creation of slackwater areas with sand and gravel substrate for mussel habitat
- ☐ Reshaping bathymetry (if necessary) to provide a variety of depths and slopes

>>> NEXT STEPS

The Corps will be working to identify site specific locations for implementing these and other measures and developing a series of alternatives to analyze in a Detailed Project Report and integrated Environmental Assessment. If you have additional ideas for measures that should be considered, please send them to Mr. Tim Fleeger, timothy.m.fleeger@usace.army.mil.

