



Black River Landing and Heron Rookery Habitat Restoration Project

City of Lorain, Ohio



Funding provided by NOAA under the Great Lakes Restoration Initiative (GLRI)

The City of Lorain received a grant from NOAA funding the Black River Landing and Heron Rookery Habitat Restoration Project. This project is a continuation of previous lower Black River restoration and improvement projects. These projects are designed to improve in-stream and riparian habitat in areas currently devoid of quality habitat. Coldwater is assisting the City of Lorain with site assessment, permitting, design, construction oversight, biological monitoring, public outreach, and grant management tasks associated with this project.



Stream banks at the sites are nearly vertical and highly eroded.

The project includes stream bank stabilization, aquatic habitat restoration, and riparian restoration along 370 feet of the river at the Black River Landing and 1,100 feet near the Heron Rookery. Stabilization efforts will include modifying the banks to more stable slopes, installation of boulders, and establishing vegetation on the slopes with native shrubs and herbaceous plants.

Additionally, the project will result in the construction of over 1,000 linear feet of fish habitat shelves at the Heron Rookery site. Fish habitat shelves will consist of a shallow-water shelf with rock and boulder substrates to provide habitat for fish, macro-invertebrates, and other wildlife. Aquatic herbaceous plants will also be installed through a unique installation that involves pre-vegetated tubular containment systems that will be placed in near-shore areas. The project will be constructed in fall of 2015.

