

STREAM AND WETLAND RESTORATION PROJECT IN WILDWOOD STATE PARK

Euclid Creek is a Lake Erie tributary that is heavily urbanized and affected by urban runoff and habitat degradation. The Cuyahoga Soil and Water Conservation District received a \$1,396,050 grant from the U.S. EPA through the Great Lakes Restoration Initiative (GLRI) to conduct the Lacustrine Refuge in the Cuyahoga AOC project. Design and engineering work was completed in 2012 and construction began on August 3, 2012 with construction and grading work completed in January 2013. Spring and summer of 2013 bring wetland plantings and a public meeting celebrating project completion (details on back).

Visit the project website for more details, construction photos, and updates:
www.cuyahogawcd.org/EuclidCreekFiles/EC_LacustrineRefuge.htm or greatlakesrestoration.us

Project Benefits and Outcomes

Ecological restoration of the Lower Euclid was awarded to Northeast Ohio design-build team, RiverWorks (EnviroScience, Inc. GPD Group and RiverReach Construction). Collaboration between a technical advisory committee, the RiverWorks team, and construction oversight manager, Davey Tree Expert Company, created the following positive changes for Euclid Creek:

- Restored 2.3 acres of important coastal and lacustrine wetlands, and 1.16 acres of floodplain;
- Restored 1,100 feet of Euclid Creek and placed the stream in its natural, historic alignment;
- Increased the overall ecological function of Lower Euclid Creek;
- Increased fish habitat and spawning of recreational species;
- Improved fishing and recreation for the community;
- Increased habitat for birds and amphibians;
- Stabilized 435 feet of eroding stream bank in three locations within the park;
- Controlled and managed 3.2 acres of pervasive invasive plant species;
- Provided opportunities for environmental education and public involvement;
- Assisted Euclid Creek in reaching State of Ohio water quality attainment standards;
- Aided in delisting Cuyahoga River AOC (Area of Concern); and,
- Economic impact of \$2.4 million (double the project cost).

Project Partners / Advisory Committee
City of Cleveland
Cleveland Metroparks
Cleveland Museum of Natural History
Cuyahoga Soil & Water Conservation District
Friends of Euclid Creek
Midwest Biodiversity Institute
Northeast Ohio Regional Sewer District
Northeast Shores Development Corporation
Ohio Department of Natural Resources (ODNR)
ODNR - Cleveland Lakefront State Parks
ODNR - Ohio State Parks Divisions
Ohio EPA



For more information, please contact Claire Posius, Euclid Creek Watershed Coordinator,
Cuyahoga Soil & Water Conservation District, 216-524-6580 x16 or email cposius@cuyahogawcd.org.

(IMPORTANT EVENT INFORMATION ON BACK)



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UPCOMING EVENT AT SITE!

Euclid Creek Stream and Wetland Restoration Celebration (date changed)!

Wednesday, July 10 5:00pm-7:00pm Wildwood State Park, Cleveland

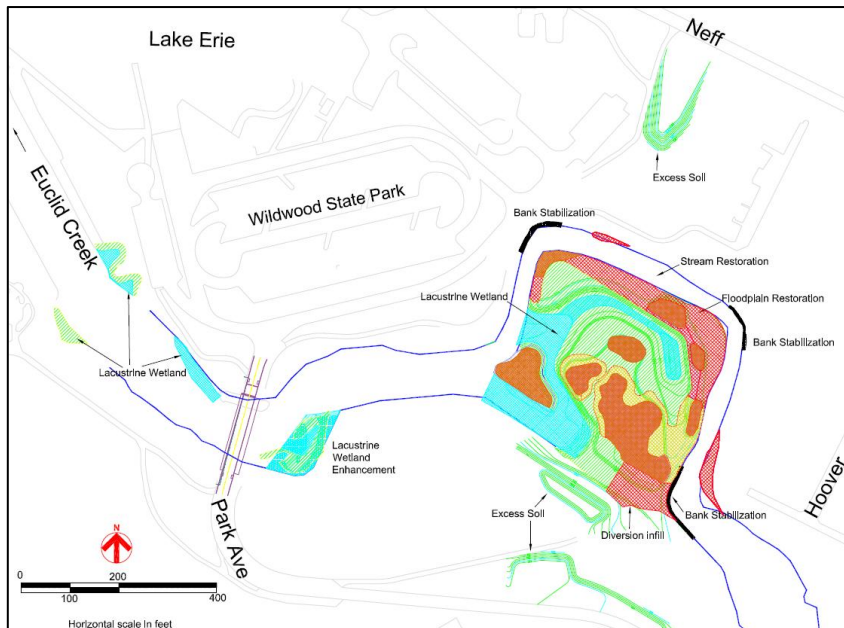
Please join Euclid Creek Watershed Program Partners as we celebrate completion of this exciting wetland and stream restoration project!

Call 216-524-6580x16 or email cposius@cuyahogawcd.org to RSVP and/or for more details.

Before Restoration Photo



Project almost complete (photo taken April 2013)



Above is the concept plan showing how the oxbow (Duck Island) has been transformed into a wetland. The different colors indicate varying depths of the wetland above and below the water level. The main wetland is being planted with hundreds of wetland and upland plants. Four 'Lacustrine Wetland' pockets have been planted with wetland plants leading to Lake Erie to provide more habitat for fish along the way to the large wetland.