

MARCH 2017

Great Lakes Restoration at work in Pennsylvania



The Commonwealth of Pennsylvania – together with local communities, tribes, nongovernmental organizations and business and industry – is collaborating with the federal government to implement a comprehensive restoration strategy for the Great Lakes. With strong bipartisan support, this partnership is generating on-the-ground actions that will improve Pennsylvania's economy, environment and quality of life. These activities will benefit the next generation of Pennsylvania citizens who will look to the Great Lakes as an important to their quality of life and economic well-being.

The Great Lakes: A Vital Economic Asset for Pennsylvania

Lake Erie is among Pennsylvania's most valuable natural resources and has extraordinary economic value for Pennsylvania. Pennsylvania's Lake Erie coastal region provides:

- a home for an estimated 250,000 Pennsylvania residents and more than 3,000 jobs;
- Presque Isle State Park, which attracts 4 million visitors that spend an estimated \$76.9 million annually;
- a tourism and recreation industry that contributes more than \$65 million to Pennsylvania's economy;
- harbors and marinas that support a \$71 million annual recreational boating industry; and
- a growing steelhead fishery that generates nearly \$10 million in expenditures and \$6 million in value-added activity in Erie County.

As these figures show, cleaning up the Great Lakes isn't just about correcting mistakes of the past, but leveraging a vital resource to build a better future.

Investing in Pennsylvania's Waterfront Communities

The Great Lakes Restoration Initiative (GLRI) is supporting implementation of a comprehensive cleanup plan that has been broadly endorsed by the region's governors, tribes, cities, conservation groups, business and industry. Begun in 2009, the Initiative builds on years of work to identify solutions to key problems facing the Great Lakes, including:

- combating aquatic invasive species, such as Asian carp;
- cleaning up contaminated sediments in toxic hotspots;
- controlling polluted runoff and cleaning up beaches;
- restoring degraded wetlands; and
- conserving and enhancing fish and wildlife resources.

The GLRI is guided by an Action Plan with detailed performance goals and clear accountability standards. An interagency task force, led by U.S. EPA, is coordinating federal efforts and directing funding to states, cities and nongovernmental groups that are best able to address local restoration priorities.

Great Lakes Restoration in Pennsylvania

\$10 million for 34 projects through FY2016

See GLRI projects in Pennsylvania and across the region at glrimap.glc.org

Economic Benefits from Restoring the Great Lakes

Restoring the Great Lakes advances our region's broader strategy to create jobs, stimulate economic development and invest in freshwater resources and waterfront communities. A detailed study by The Brookings Institution found that fully implementing the Great Lakes restoration strategy would generate \$80 billion to \$100 billion in benefits, including:

- \$6.5 billion to \$11.8 billion in direct benefits from tourism, fishing and recreation;
- \$50 million to \$125 million in reduced costs to municipalities; and
- \$12 billion to \$19 billion in increased property values in degraded shoreline areas, including up to \$500 million for the Erie metro area alone.

Solving Problems Facing Lake Erie

GLRI funding was essential to removing Presque Isle Bay from the list of Great Lakes Areas of Concern, spurring more than a half billion dollars in public and private investment attracted by the restored water quality in Presque Isle Bay and Erie's bayfront. The GLRI provides funding for water quality buoys, sensors, and monitoring that help protect public health and drinking water from harmful algae blooms and bacteria. GLRI support helped create the Pennsylvania Vested in Environmental Sustainability (VinES) Program that works with agriculture to reduce nutrient pollution to Lake Erie. Ongoing restoration priorities include preventing the loss of tourism dollars from beach closures; increasing municipal stormwater capacity and local cooperation; and improving local steelhead fisheries by restoring habitat along Lake Erie.

See Great Lakes Restoration at Work in Your State, County or Congressional District!

glrimap.glc.org

Interactive map showcases Great Lakes Restoration Initiative projects

Great Lakes Restoration At Work
Great Lakes Restoration Initiative Projects, FY 2010-2016

Project Title	Recipient Organization	GLRI Award	Fiscal Year	State
Northwest Illinois Ravine Restoration & Monitoring Program	Alliance for the Great Lakes	\$160,000	2011	IL
Wastewater Management to Improve Water Quality	Animal and Plant Health Inspection Service	\$375,815	2013	IL
Chicago Estructure Incentive Program	Chicago Department of the Environment	\$164,358	2010	IL
Great Lakes Fishery & Ecosystem Restoration Northernly Island, IL	Chicago Park District	\$150,000	2014	IL
Greening Wilson Parking lot in Lincoln Park	Chicago Park District	\$612,000	2014	IL
Restoring and Enhancing Habitat at Big Marsh	Chicago Park District	\$475,000	2014	IL
Restoring and Enhancing Habitat at Big Marsh	Chicago Park District	\$285,000	2014	IL
Big Marsh Wetland Phytoremediation	Chicago Park District	\$190,236	2012	IL

Great Lakes Restoration At Work

is an interactive map developed by the Great Lakes Commission showcasing nearly **2,200 restoration projects** funded by the Great Lakes Restoration Initiative (GLRI) in its first seven years, FY 2010-2016. The map allows users to see projects by state, county or congressional district. Projects are fully searchable and can be sorted by title, lead agency, state and other parameters.

Great Lakes Restoration At Work
Great Lakes Restoration Initiative Projects, FY 2010-2016

Red Swamp Crayfish Prevention, Containment and Eradication
Recipient Organization: Wisconsin Department of Natural Resources
GLRI Award Amount: \$286,843
Fiscal Year: 2011
State: WI

Project Title	Recipient Organization	GLRI Award	Fiscal Year	State
Burnham Prairie, IL - Great Lakes Fishery and Ecosystem Restoration Program	U.S. Army Corps of Engineers	\$1,362,000	2010, 2011, 2012, 2013	IL
Providence Lake, IL - Great Lakes Fishery and Ecosystem Restoration Program	U.S. Army Corps of Engineers	\$470,000	2011, 2012, 2013	IL
SA - CSBC Disposal Barriers, IL - IA	U.S. Army Corps of Engineers	\$16,267,000	2010, 2011, 2012	IL
Hegewisch Marsh, IL - Great Lakes Fishery and Ecosystem Restoration Program	U.S. Army Corps of Engineers	\$325,500	2012, 2013	IL
Saganashie Slough, IL - Great Lakes Fishery and Ecosystem Restoration Program	U.S. Army Corps of Engineers	\$828,000	2012, 2013	IL
Aquatic Plant Control, Business, IL	U.S. Army Corps of Engineers	\$280,000	2013	IL
GLFER - 6th St. Beach and Dune, IL	U.S. Army Corps of Engineers	\$404,000	2010, 2011	IL

Using the Map

Selecting a project from the table will orient the map to the project site. The project locations may represent a specific site or the watershed in which restoration work is being conducted. In some cases the site is the location of the lead agency.

Great Lakes Restoration At Work
Great Lakes Restoration Initiative Projects, FY 2010-2016

Ohio, District 14
Representative: David P. Joyce (R)
Rep. Website: <http://djoyce.house.gov>
District Phone: 440-352-3939
D.C. Phone: 202-225-5721
Est. 2012 Pop.: 720,570
Area in Sq. Miles: 1,989
Percentage of District in the Great Lakes Basin: 63%
Great Lakes Basins: Lake Erie

Project Title	Recipient Organization	GLRI Award	Fiscal Year	State
Farm Bill Program Implementation in the Upper Maumee River Watershed	Natural Resources Conservation Service	\$12,744	2013	OH
Farm Bill Program Implementation in the Lower Maumee River Watershed	Natural Resources Conservation Service	\$233,972	2013	OH
Under Cover in the Tinto & Lower Maumee River Watersheds	Natural Resources Conservation Service	\$133,780	2013	OH
Farm Bill Program Implementation in the Celler-Portage Watershed	Natural Resources Conservation Service	\$161,960	2013	OH
Rapid Response Detection at Cleveland Beaches	Northeast Ohio Universities College of Medicine	\$224,988	2010	OH
Sanitary Surveys to Reduce Pollution in Lake Erie	Ohio Department of Health	\$250,000	2010	OH
Emerald Ash Borer Mitigation in the Black River Area of Concern	Ohio Department of Natural Resources	\$100,000	2014	OH
Emerald Ash Borer Mitigation in the Cuyahoga River Area of Concern	Ohio Department of Natural Resources	\$100,000	2014	OH

The map allows users to see the U.S. congressional districts in which projects are located. Selecting a congressional district on the map will show the member of Congress for that district, their website and the percentage of the district within the Great Lakes basin.

For additional background on the GLRI and specific projects, go to <http://www.glri.us>.