

Great Lakes Sediment & Nutrient Reduction Program

Newsletter

Keeping It On the Land

2009 Annual Report

Inside the 2009 Annual Report:

[Year in Review](#)
[Facts and Figures](#)
[Projects and Maps](#)
[Around the Basin](#)
[Upcoming Events](#)

Related info:

[Links](#)
[Funded Projects](#)

2009 Annual Report

- :: [2009: The Year In Review](#)
- :: [Facts and Figures](#)
- :: [Basin Program Projects and Maps](#)
- :: [Around the Basin](#)
- :: [Upcoming Events](#)

Don't miss your chance!
 Last weeks to [apply for 2010 funding](#).

2009: The Year in Review

The Great Lakes Basin Program for Soil Erosion and Sediment Control

(GLBP) had a very successful year. The program's 2009 Request for Proposals was developed by the Great Lakes Commission's Sediment Task Force and included small scale soil erosion and sediment control implementation projects up to \$30,000 and information and education projects up to \$10,000. After screening and evaluating submitted applications, **eleven locally lead projects were selected** for funding in 2009. Many more applications were submitted for consideration than could be funded with the program's annual appropriation from Congress.

However, the GLBP had a high profile place in the plans to implement the Great Lakes Restoration Initiative (GLRI.) After years of working with Congress and several administrations, the Great Lakes will be receiving 475 million dollars in funding to implement restoration efforts. The GLBP (II) will be part of that effort.

The program is administered by the Great Lakes Commission (GLC) for the United States Department of Agriculture – Natural Resources Conservation Service. Millions of dollars are spent each year in the Great Lakes to dredge sediments from harbors, remove it from our drinking water and reduce it in waters of the lakes. Preventative programs such as the Great Lakes Basin Program for Soil Erosion and Sediment Control, which promotes proper land use practices, can substantially reduce these economic and environmental costs at a fraction of the these annual costs.



Gary Overmier, Project Manager
Great Lakes Commission

The program provides grants to local governments and nonprofit organizations to control erosion and sedimentation and to limit the input of associated nutrients and toxic contaminants to the Great Lakes. It also informs citizens of the damages caused to the Great Lakes by these

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pollutants. Since the program's inception in 1991, 417 local projects have been funded. These projects have prevented an estimated 1.6 million tons of soil and 6 million pounds of phosphorus from polluting the Great Lakes and tributaries.

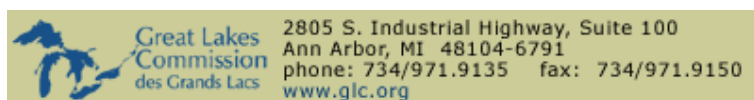
2009 funding was level with 2008 and about \$300,000 was available for grants. Eleven small scale grants of \$30,000 or less were funded in 2009, amounting to one or two grants per state. The program continued to administer prior grant cycles, during the 2009 program year with the Great Lakes Basin Program staff managing 46 active grants.

Tasks involved in managing the 46 projects include answering questions from grantees, sending out award letters for new projects, approving project progress and final reports, assuring each report has met the appropriate goals, processing payments, updating databases and summarizing each completed project to be highlighted in the Basin Program's searchable online project files.

Other highlights from this year's efforts include:

- As the only Great Lakes-specific program authorized in the Food, Conservation and Energy Act of 2008 (the Farm Bill,) the program was chosen by the USDA to be a vehicle to implement a portion of the nonpoint source pollution recommendations in the GLRI. This program is in addition to the annual program. It is expected the GLBP (II) will receive several million dollars in 2010 to be re-granted to local entities to install sediment reduction practices in priority watersheds.
- The Sediment Task Force conducted several meetings including in-person and webcast sessions, a first for the committee. The Task Force's role in managing the Basin Program is critical. It is only one of two standing task forces at the GLC. The Task Force provides direction to the Basin Program, sets the guidelines for the annual grant program, selects the grants to be funded, insures the grantees have met the requirements of their grants, and approves the progress and final reports of grantees in their individual states.
- [Keeping It On The Land](#), the GLBP newsletter, published three issues in 2009. The digital version allows for more content, more pictures and faster updates. The 2000+ newsletter recipients were sent the newsletter via e-mail.

[>> Next article](#)



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Newsletter

Keeping It On the Land

2009 Annual Report

Inside the 2009 Annual Report:

- [Year in Review](#)
- [Facts and Figures](#)
- [Projects and Maps](#)
- [Around the Basin](#)
- [Upcoming Events](#)

Related info:

- [Links](#)
- [Funded Projects](#)

2009 Annual Report: Facts and Figures

2009 Project Funding by State

The 11 new projects funded in 2009 were distributed across the Great Lakes states as follows:

State	Number of Projects	Grant Amount
Illinois	0	\$0
Indiana	0	\$0
Michigan	2	\$44,891
Minnesota	1	\$30,000
New York	3	\$84,200
Ohio	3	\$69,685
Pennsylvania	1	\$30,000
Wisconsin	1	\$30,000
Total:	11	\$303,776

Program Benefits: 2009

It's estimated that the 46 total projects active during 2009* saved:

Soil over life of project	27,110 tons
Phosphorous	26,971 pounds
Nitrogen	52,941 pounds
Acres Treated	2,592 acres
Grant Amount	\$1,554,678
Proposed Match (state/local)	\$2,635,512
Match Earned (state/local)	\$344,919

*Totals reflect all projects active during the 2009 funding cycle, including projects awarded in 2008. Not all projects were completed during 2009.

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Program Benefits 1991 - 2009

The Basin Program has saved millions of dollars in leveraged funds, soil savings, and acreage since its inception in 1991:

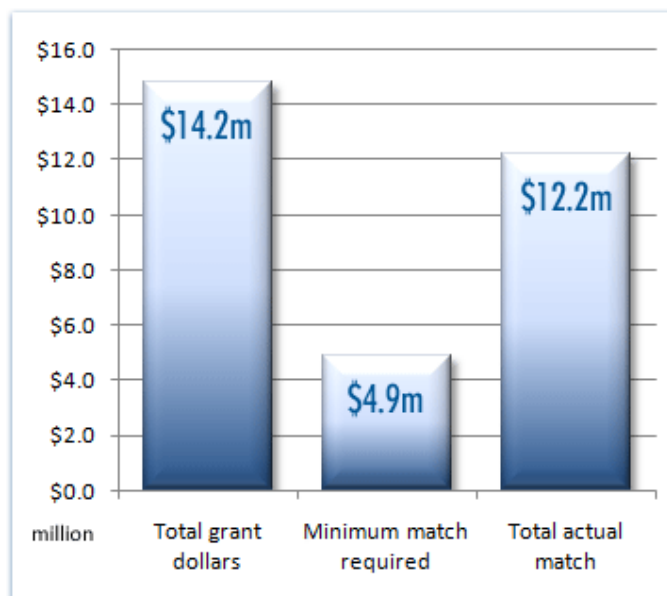
	1991-1998	1999-2009
 Soil	480,449 tons saved**	1,161,774 tons
 Phosphorus	648,037 pounds saved **	5,407,945 pounds
 Nitrogen	699,552 pounds saved**	2,084,554 pounds
 Leveraged Funds	\$1.6 million (state and local match)	\$10.6 million (state and local match)
 Acreage	111,700 + acres protected	21,873 acres

* Totals are for all projects completed at the end of the project year, September 2009.

** Reductions from pre-project levels

Program Funding since 1991

Another indicator of the Basin Program's success is the contribution made to projects from local, state and private funds, also known as "matched" funding. The program requires a minimum nonfederal match of 25% of total project costs. However, most projects contribute significantly more local dollars than the required minimum. Since the program's inception, the match has exceeded the minimum by more than \$7 million—almost 250% more than the minimum requirement.



[<< Previous Article](#) | [Next article >>](#)

Great Lakes Sediment & Nutrient Reduction Program

Newsletter

Keeping It On the Land

2009 Annual Report

Inside the 2009 Annual Report:

- [Year in Review](#)
- [Facts and Figures](#)
- [Projects and Maps](#)
- [Around the Basin](#)
- [Upcoming Events](#)

Related info:

- [Links](#)
- [Funded Projects](#)

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2009 Annual Report: Projects and Maps

[Western Great Lakes](#) | [Central Great Lakes](#) | [Eastern Great Lakes](#)



Distribution of projects active during FY2009

Western Great Lakes: Minnesota, Wisconsin, Illinois

Click on a number on the map to view specifics for the corresponding project. The year listed indicates the initial Fiscal Year that the project began.

- 1. Amity Creek Erosion and Sediment Control Project**
 \$21,145
 South St. Louis SWCD, Duluth, MN (2008)
- 2. Preventing Damage to Wetlands Project**
 \$22,000
 Logging Educational and Resource Center (LERC), Mountain Iron, MN (2006)
- 3. Sediment Reduction From Winter Road Maintenance**
 \$9,903
 Minnesota Erosion Control Association, Hamel, MN (2008)
- 4. Skunk Creek Streambank Restoration Project**
 \$75,000
 Lake County Soil & Water Conservation District, Two Harbors, MN (2006)

Closeup map of Western Region

5. Ullr Mountain Gully Erosion and Sediment Control Project

\$30,000

Cook Soil and Water Conservation District, Grand Marais, MN (2009)

6. Baird Creek Sediment and Erosion Control Project

\$17,033

Glacierland Resource Conservation & Development, Green Bay, WI (2008)

7. City Center Demonstration: Diversion and Treatment of First Flush Urban Stormwater Run-off and Bluff Stabilization

\$75,000

City of Ashland, Department of Public Works, Ashland, WI (2006)

8. Faxon Creek Erosion Control: A Central Strategy

\$30,000

City of Superior Wastewater Division of Public Works, Superior, WI (2006)

9. Forest Erosion and Sediment Control Education Project

\$29,740

Wisconsin Department of Natural Resources, Madison, WI (2006)

10. Landowner Self Help Sediment Reduction Education on the West Twin River

\$10,000

Manitowoc County Soil & Water Conservation Dept., Manitowoc, WI (2008)

11. Little Green Lake Watershed Project

\$30,000

Green Lake County Land Conservation Dept, Green Lake, WI (2006)

12. Menomonee River Erosion Control Project

\$30,000

Redevelopment Authority of the City of Milwaukee, Milwaukee, WI (2009)



Photo: Construction Progress
Project #130640: Little Green Lake Watershed Project
Grantee: Green Lake County Land Conservation Dept., WI

13. Menomonee Valley Riverbank Stabilization Project

\$75,000

Menomonee Valley Partners, Inc., Milwaukee, WI (2006)

14. Building BMP Capacity in Kellogg Creek-Dead River Watersheds

\$10,000

Lake County Stormwater Management Commission (SMC), Libertyville, IL (2008)

15. Soil Erosion and Sediment Control Project within Janes Ravine at Fort Sherdian Forest Preserve

\$75,000

Lake County Forest Preserve Districts, Grayslake, IL (2006)

[\[Back to the top\]](#)

Central Great Lakes: Indiana, Michigan, Ohio

Click on a number on the map to view specifics for the corresponding project:

16. Large Woody Debris Management for Sediment Control
\$27,000
Lenawee County Drain
Commissioner,
Adrian, MI (2006)

17. Rocky River Erosion and Sediment Control Project
\$18,389
St. Joseph County Conservation District,
Centreville, MI (2008)

18. Silver Creek Super Project: Reducing

Closeup map of Central Region

Non-Point Sediment in a High-Quality Tributary
\$30,000
Huron Pines, Grayling, MI (2009)

19. St. Joseph River Watershed Soil Erosion/Sediment Control Project
\$12,459
Hillsdale Conservation District, Jonesville, MI (2008)

20. Stabilizing Nutrient-Rich Cropland with Cover Crops and Targeted Zone-Tillage
\$15,000
Michigan State University, East Lansing, MI (2009)

21. Upper Black River Bio-Erosion Control
\$23,700
Huron Pines, Grayling, MI (2008)

22. White River Erosion and Sediment Control Partnership Project
\$64,564

Oceana Conservation District, Shelby, MI (2006)



Photo: Installation of the Rock Toe
Project #150802: St. Joseph River Bank Stabilization Project
Grantee: Sisters of the Holy Cross, Indiana

23. Adams County Agricultural Runoff Reduction Project

\$40,000

Adams County SWCD, Decatur, IN (2008)

24. Little Elkhart River Livestock Induced Sedimentation Demonstration

\$75,000

LaGrange County SWCD, LaGrange, IN (2006)

25. St. Joseph River Bank Stabilization Project

\$40,000

Sisters of the Holy Cross, Notre Dame, IN (2008)

26. St. Marys and Maumee River Erosion and Sediment Control Project

\$75,000

Allen County Soil and Water Conservation District, Fort Wayne, IN (2006)

27. Chagrin River Education Project

\$18,942

Geauga Soil and Water Conservation District, Burton, OH (2008)

28. Controlling Soil Erosion in the Auglaize River, Allen County

\$29,815

Putnam County OSU Extension Office, Ottawa, OH (2009)

29. Cover It Green

\$30,000

Huron Soil And Water Conservation District, Norwalk, OH (2009)

30. Erie County Naturescaping Education Project

\$10,000

Erie SWCD, Sandusky, OH (2008)

31. Lorain County Erosion and Sediment Control Grant

\$10,500

Lorain Soil & Water Conservation District, Elyria, OH (2009)

32. Saving Soil on Continuous Corn

\$24,145

Conservation Action Project, Napoleon, OH (2008)

33. Sugar Creek Stream Erosion and Sediment Control Project

\$75,000

Ottawa River Coalition, Lima, OH (2006)

34. Summit County Raingarden Initiative

\$8,160

Summit Soil and Water Conservation District, Cuyahoga Falls, OH (2006)

35. Tymochtee Creek and Sandusky River Sediment Control Project

\$36,822

The Ohio State University Extension, Upper Sandusky, OH (2006)

36. West Creek Stream Restoration and Erosion Control Project

\$70,500

West Creek Preservation Committee, Parma, OH (2006)

[\[Back to the top\]](#)**Eastern Great Lakes: Pennsylvania, New York**

Click on a number on the map to view specifics for the corresponding project:

37. BMPs for Property Owners Along the Pennsylvania Lake Erie Shoreline

\$6,448

The Pennsylvania State University,
University Park, PA (2008)

38. Cascade Creek Watershed Improvements

\$30,000

Erie County Conservation District,
Erie, PA (2009)

39. Eighteenmile Creek Streambank Restoration and Erosion Control

\$30,000

Erie County Soil and Water Conservation District, East Aurora, NY (2009)

[Closeup map of Eastern Region](#)**40. Genesee River Watershed Soil Erosion Control Project**

\$30,000

Monroe County Soil and Water Conservation District, Rochester, NY (2009)

41. Reducing Agricultural Erosion and Sediment in the Oak Orchard Watershed

\$33,250

Orleans County Soil & Water Conservation District, Albion, NY (2008)

42. Reducing Agricultural Soil Loss in Onondaga County, NY

\$40,000

Skaneateles Lake Watershed Agricultural Program, LaFayette, NY (2008)

43. Reducing Agricultural Soil Loss in the Oneida Lake Watershed

\$37,058

Madison County Soil and Water Conservation District, Hamilton, NY (2006)

44. Sensitive Site Erosion Control

\$18,620

Yates County Soil & Water Conservation District, Penn Yan, NY (2008)

45. St. Lawrence and Franklin County Ag Soil Erosion Sediment

\$24,200

St. Lawrence County Soil and Water Conservation District, Canton, NY
(2009)


46. The Black Creek Streambank Stabilization Project

\$60,285

Monroe County Soil and Water Conservation District, Rochester, NY (2006)

[\[Back to the top\]](#)

[<< Previous Article](#) | [Next article >>](#)



Great Lakes
Commission
des Grands Lacs

2805 S. Industrial Highway, Suite 100
Ann Arbor, MI 48104-6791
phone: 734/971.9135 fax: 734/971.9150
www.glc.org



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Keeping It On the Land

2010 Annual Report

Inside the 2010 Annual Report:

- [Year in Review](#)
- [Facts and Figures](#)
- [Projects and Maps](#)
- [Featured Project \(NY\)](#)
- [Featured Project \(WI\)](#)
- [Around the Basin](#)
- [Upcoming Events](#)

Related info:

- [Links](#)
- [Funded Projects](#)

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Around the Basin

News and information

[Indiana](#) | [Michigan](#) | [Minnesota](#) | [New York](#) | [Ohio](#) | [Wisconsin](#)

Indiana

Steuben County SWCD wins \$10,000 National Award

Indianapolis – Northeast Indiana's Steuben County Soil and Water Conservation District SWCD is the recipient of a \$10,000 National Conservation Foundation District grant. The award was presented during the National Association of Conservation Districts (NACD) Annual Meeting in Nashville, Tenn.

More information online [here](#).

Michigan

Storm Erosion Closes Beaches in Southwestern Michigan

Grand Beach officials have closed down all public beaches in the southwestern Michigan community due to extreme erosion from winter storms. Village Superintendent Bob Dabbs tells WSBT-TV the damage is well into the thousands of dollars, and Police Chief Dan Schroeder says it includes the bottoms of stair accesses and other ramps, which he says are eroded and dangerous.

See [full story](#).

Minnesota

Bostic and Zippel Creeks Watershed Assessment Project

Sedimentation in two bays on Lake of the Woods is being addressed through a comprehensive, watershed-based approach that has included water quality monitoring and several projects to restore water quality. The sedimentation in Bostic and Zippel bays has frequently prevented access to the lake without dredging, which has reduced water quality, potentially impacted spawning sites on this world-class fishing destination and created financial hardship for resorts in those areas.

[More](#)



Photos: Judicial Ditch 28 before and during construction of a 2-stage ditch
Bostic and Zippel Creeks Watershed Assessment Project
Grantee: Lake of the Woods Soil and Water Conservation District, Minnesota

New York

USDA NRCS Offers Funding to New York Organic Producers

State Conservationist, Astor Boozer announced that \$775,000 in funding is available to help New York organic producers and transitioning producers implement soil and water conservation practices on their agricultural operations. Applications are accepted on a continuous basis, with the funding cutoff date set for March 4, 2011.

[More](#)

Ohio

New Maps of Ohio Erosion Issues for Lake Shoreline

Many northwestern Ohioans living along the lake were further from the shoreline bluffs when they first built their homes. Like any shoreline, land along Lake Erie is not stable. While typically a slow process, coastal erosion can and does happen suddenly. In the past decade, Ohio has recorded three fatal accidents when eroded shoreline materials collapse suddenly.

See [full story](#).

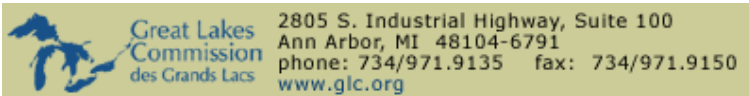
Wisconsin

State Administration of Soil Erosion Control Procedures to Change

On January 1, 2010, the state Department of Natural Resources became responsible for what has been the Commerce soil erosion control program for commercial buildings construction sites which disturb more than an acre of soil.

Administration of soil erosion control procedures and requirements under Comm 60, Erosion Control, Sediment Control and Storm Water Management Code, will transfer from the state Department of Commerce to the Department of Natural Resources. The code governs commercial building construction sites that disturb one or more acres of soil. "Notice of Intent" registrations previously filed with Commerce under Comm 60 will as of Jan. 1 be filed with the DNR. The transfer of authority was mandated by 2009-2010 state budget legislation, 2009 Wisconsin Act 28.

For more information, see: [full online source](#).



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Keeping It On the Land

2009 Annual Report

Inside the 2009 Annual Report:

[Year in Review](#)
[Facts and Figures](#)
[Projects and Maps](#)
[Around the Basin](#)
[Upcoming Events](#)

Related info:

[Links](#)
[Funded Projects](#)

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Of Interest: Upcoming Events

February 21 - 24, 2010

[Upper Midwest Stream Restoration Symposium](#)

Agency: National Center for Earth-surface Dynamics

Where: Stoney Creek Inn, Onalaska, Wisconsin

Contact: Sara Johnson / john3999@umn.edu

February 22 - 24, 2010

[2010 Great Lakes Commission Semiannual Meeting / Great Lakes Days in Washington](#)

Agency: Great Lakes Commission

Where: Hamilton Crowne Plaza, Washington, D.C.

Contact: 734-971-9135, register@glc.org

March 29 - 31, 2010

[AWRA Specialty Conference GIS and Water Resources VI](#)

Agency: American Water Resources Association

Where: Rosen Shingle Creek Hotel, Orlando, FL

Contact: [Sandra Fox](#), Conference Chair

April 25 - 29, 2010

Monitoring From the Summit to the Sea:

[The National Water Quality Monitoring Council \(NWQMC\) Seventh National Monitoring Conference](#)

Where: Sheraton Denver Downtown Hotel, 1550 Court Place, Denver, CO

July 18 - 21, 2010

[The 65th International SWCS Annual Conference](#)

Agency: Soil and Water Conservation Society

Where: Ball Park, 1 South Broadway, St. Louis, Missouri

Contact: (515) 289-2331