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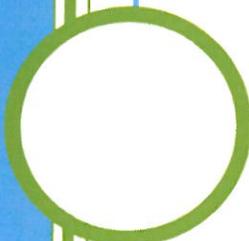


**Ohio EPA Program Summary**  
**Nonpoint Source Program**

**FY2015 Annual Report**



**12-Spotted Skimmer**  
Photo by Russ Gibson



John Kasich, Governor  
Mary Taylor, Lt. Governor  
Craig W. Butler, Director

## Table of Contents

	<u>Page</u>
Introduction.....	3
Grants Management & Administration.....	4
Section 319(h) Grants Management and Administration.....	5
- FY10 Section 319(h) Project Site Visits Completed.....	5
- FY11 Section 319(h) Project Site Visits Completed.....	6
- FY12 Section 319(h) Project Site Visits Completed.....	6
- FY13 Section 319(h) Project Site Visits Completed.....	6
- FY14 Section 319(h) Project Site Visits Completed.....	6
- FY15 Section 319(h) Project Site Visits Completed.....	6
- FY10 Section 319 Subgrants Closed.....	7
- BUCK11 Section 319 Subgrants Closed.....	7
- FY11 Section 319 Subgrants Closed.....	7
- FY12 Section 319 Subgrants Closed.....	7
- FY13 Section 319 Subgrants Closed.....	7
- FY14 Section 319 Subgrants Closed.....	7
USEPA Great Lakes Restoration Initiative Grants.....	8
- FY12 Cuyahoga County GLRI-Surface Water Improvement Project Grant.....	8
- Summary of Deliverables.....	9
- Site Visits During the Reporting Period.....	9
- FY12 Cuyahoga County Surface Water Improvement (GLRI Match) Grants Closed.....	9
- FY12 Lucas County GLRI-Surface Water Improvement Stormwater Demonstration Project.....	10
- Summary of Deliverables.....	10
- Site Visits During the Reporting Period.....	10
- Grants Closed.....	10
- FY12 Upper Blanchard Watershed Phosphorus Reduction Initiative.....	11
- Summary of Deliverables.....	11
- Site Visits Completed During Reporting Period.....	11
- Grants Closed.....	12
- FY12 Powell Creek Nutrient Reduction Demonstration Project.....	12
- Summary of Deliverables.....	12
- Site Visits During the Reporting Period.....	12
- Grants Closed.....	12
- FY11 Lake Erie Nutrient Reduction Demonstration Project.....	13
- Summary of Deliverables.....	13
Surface Water Improvement Fund Grants.....	13
Nonpoint Source Stakeholder Meetings, Outreach & Presentations.....	17

## TABLES

Table 1-1, Ohio EPA FY15 Section 319(h) Subgrants Awarded .....	5
Table 1-2, FY12 Cuyahoga County GLRI-SWIF Subgrants .....	8
Table 1-3, FY2010 through FY2015 SWIF (and leveraged GLRI) Grant Awards by Activity Type .....	14
Table 2-2, FY14 and FY15 STATEWIDE Surface Water Improvement (SWIF) Grants .....	15
Table 2-3, FY14 and FY15 LAKE ERIE WATERSHED Surface Water Improvement (SWIF) Grants.....	16
Table 3-1, Total Annual Load Reductions by Project Year since FFY2001.....	22
Table 3-2, FFY2001 Project Load Reductions .....	23
Table 3-3, FFY2002 Project Load Reductions .....	24
Table 3-4, FFY2003 Project Load Reductions .....	25
Table 3-5, FFY2004 Project Load Reductions .....	26
Table 3-6, FFY2005 Project Load Reductions .....	27
Table 3-7, FFY2006 Project Load Reductions .....	28
Table 3-8, FFY2007 Project Load Reductions .....	29
Table 3-9, FFY2008 Project Load Reductions .....	30
Table 3-10, FFY2009 Project Load Reductions .....	31
Table 3-11, FFY2010 Project Load Reductions .....	32
Table 3-12, FFY2011 Project Load Reductions .....	33
Table 3-13, FFY2012 Project Load Reductions .....	34
Table 3-14, FFY2013 Project Load Reductions and Supplemental FFY13 Projects .....	35
Table 3-15, FFY2014 Project Load Reductions .....	36
Table 3-16, FFY2015 Project Load Reductions .....	37
Table 4.1, Total Maximum Daily Load (TMDL) Status .....	38
Table 4.2, State Fully Endorsed Watershed Plans.....	39
Table 4.3, State Conditionally Endorsed Watershed Plans .....	40

## Attachments

Attachment #1 – Final Project Fact Sheets – Section 319(h) Subgrants

Attachment #2 – Great Lakes Restoration Initiative Grants - Final Project Fact Sheets – Lucas County

Attachment #3 – Great Lakes Restoration Initiative Grants - Final Project Fact Sheets – FY12 Cuyahoga County GLRI/SWIF Project

Attachment #4 - Great Lakes Restoration Initiative Grants - Final Project Fact Sheets – Upper Blanchard River Watershed Reduction, Powell Creek Nutrient Reduction, and Lake Erie Nutrient Reduction Demonstration



## Nonpoint Source Management Program Ohio Environmental Protection Agency Division of Surface Water

**Introduction:** Ohio's Nonpoint Source (NPS) Program is the NPS Management Plan that was approved by US EPA in June 2014 and Ohio's Nutrient Reduction Strategy that is currently in the process of being updated. Provisions of these updated plans effectively guide Ohio's implementation of state and local nonpoint source management measures and activities through 2019. Ohio's updated Nonpoint Source Management Plan may be found by visiting: [http://epa.ohio.gov/Portals/35/nps/NPS\\_Mgmt\\_Plan.pdf](http://epa.ohio.gov/Portals/35/nps/NPS_Mgmt_Plan.pdf).

In Ohio, the four (4) most common nonpoint source causes of water quality impairment are hydromodification, habitat alteration, nutrients and silt/sediments. Ohio's updated plan tackles these high magnitude causes of impairment with cause-specific strategies. These four discrete strategies include:

- **Urban Sediment and Nutrient Reduction Strategies**
- **Altered Stream and Habitat Restoration Strategies**
- **Nonpoint Source Reduction Strategies**
- **High Quality Waters Protection Strategies**

These strategies include goals which are further refined to include objectives and milestones designed to provide meaningful evaluation points as well as more finely honed focus for program activities. An important tool for focusing limited resources on a problem as ubiquitous as nonpoint source pollution is the establishment of measurable milestones—those specific achievements and/or deliverables that we are striving to attain. Like a long journey, each success starts with first one step then another and another until we are able to look back and see not only from where we've been but also more clearly identify measurable improvements.

Progress toward achieving the environmental measures of Ohio's Nonpoint Source Program will continue to be part of Ohio's NPS Monitoring and Assessment Initiative. During each of the past five (5) years, Ohio EPA staff conducted all monitoring (physical, chemical, and biological), beginning with baseline monitoring through project completion to determine the effectiveness of §319 (h) and SWIF funded nonpoint source projects. This initiative not only provides cost savings and improved data quality, but also relieves grant recipients of a task which was often difficult for them to do properly. This initiative also serves as a very important tool for measuring the environmental effectiveness of Ohio's Nonpoint Source Management Program. Are NPS-funded projects improving water quality or not? For example, one environmental program measure that Ohio EPA will be using is the number of SP-12 watersheds that have shown improvement during the reporting period.

In addition to the above referenced environmental measures, Ohio's NPS Program also tracks a variety of administrative measures that are designed to measure the effectiveness of Ohio's NPS Program administration and management including:

1. Timeliness and quality of report submittals to US EPA
2. Timeliness of federal fund obligation with state program partners and sub-grantees
3. Grantee interest and competition – to be measured by:
  - Number of applicants per grant cycle
  - Number of projects completed on time

4. Federal Grants Administration
  - Submittal of draft subgrant work plans to Region 5 US EPA
  - Timely submittal of Section 319(h) grant application and annual work plan
  - Percentage of grant funds expended effectively
  - GRTS data entry status
  - Timely drawdown of federal funds
5. Participation at all required meetings, conferences and other events outlined in the Programmatic Conditions section of Ohio's grant agreement with US EPA.
6. Ohio EPA Core Programming will comply with FY12 National Program Guidelines.

**Grants Management and Administration:** During FY15 Ohio EPA received \$4,153,500 in federal Section 319(h) grant funds under provisions of US EPA Grant # C9-97550015 to implement Ohio's updated Nonpoint Source (NPS) Management Program. Ohio EPA's Division of Surface Water provides primary coordination and implementation of Ohio's NPS program with assistance from other federal, state and local partners. Under provisions of the FY12 National Section 319 program guidance, at least 50% of these funds (\$2,076,750) are to be awarded as subgrants to provide critical funding for local NPS implementation projects.

To date, Ohio EPA has awarded \$2,896,846 (or 69.7%) of its FY15 allocation. In addition, we funded three projects that were submitted in the FY15 solicitation with FY14 and FY12 previously awarded but returned as unspent funds. These three projects totaled \$662,748 with \$299,905 of FY14 section 319 funding and \$362,843 in FY12 funds. Ohio EPA is in full compliance with the FY12 guidance requiring 50% of a state's allocation should go to watershed projects.

A crucial component of Ohio's nonpoint source program is the effective management of the subgrants awarded each year by Ohio EPA to local organizations for the implementation of nonpoint source management projects such as dam removals, stream restoration, nutrient reduction practices and others.

Ohio EPA's NPS Program is currently administering 14 federal grants including 6 Section 319 grants totaling nearly \$25 million and 7 Great Lakes Restoration Initiative (GLRI) grant totaling more than \$7.5 million. Following is a listing of the federal grants currently being managed by Ohio's Nonpoint Source Program:

- FY11 Section 319 Grant # C9975500011 – Grant Closes 06/15/16
- FY11 Buckeye Lake Nutrient Reduction Grant #C900E00782
- FY11 Lake Erie Nutrient Reduction GLRI Grant #GL-00E0836-0 – Grant closes 01/15/16
- FY12 Section 319 Grant # C9975500012 – Grant closes 10/15/16
- FY12 Powell Creek Nutrient Reduction GLRI Grant #GL-00E01131 – Grant closes 6/30/16
- FY12 Upper Blanchard Watershed GLRI Grant #GL-00E01020-1 – Grant Closes 3/15/16
- FY12 Cuyahoga County SWIF/GLRI Grant #GL-00E00395-0 – Grant Closes 6/30/16
- FY12 Lucas County SWIF/GLRI Grant #GL-00E01132 – Grant Closes 6/30/16
- FY13 Section 319 Grant #C997550013 – Grant Closes 6/30/2017
- FY14 Section 319 Grant #C9975500014 – Grant Closes 6/30/18
- FY14 Maumee River Sediment Reduction GLRI Grant # GL00E01449 – Grant Closes 6/30/19
- FY14 Broken Sword Nutrient Reduction GLRI Grant #GL-00E01456 – Grant Closes 2/28/18
- FY14 Cuyahoga AOC Strategic Planning Grant #GL-00E01357—Grant Closes 8/30/16
- FY15 Section 319 Grant ##C9975500015—Grant Closes 4/15/20

Ohio EPA’s NPS Program is implemented largely through subgrants passed through to local implementers. A minimum of 50% of Ohio’s Section 319 Program grants must be passed through to local implementers in order to comply with FY12 National Section 319 Guidance. More than 92% of the GLRI funds received by Ohio EPA’s NPS Program are subgranted to local partners for robust on-the-ground implementation of restoration and nutrient reduction practices.

## Section 319(h) Grants Management and Administration

In response to the FY15 Request for Proposals (RFP) that was issued on May 23, 2014 Ohio EPA received 17 applications requesting \$3.08 million. By funding three projects with FY12 and FY14 available funds we were fortunate to be able to award subgrants to all applicants. Table 1.1 identifies applicants funded under the FY15 Section 319 grant cycle.

**Table 1-1  
Ohio EPA FY15 Section 319(h) Subgrants Awarded**

Project Number	Project Sponsor	Watershed	Type of Project	Awarded
15(h)EPA-02	Ohio DNR-Division of Soil and Water	Statewide	NPS Program Asst.	\$417,000
15(h)EPA-09	City of Gahanna	Alum Creek	Stream Restoration	\$166,700
15(h)EPA-14	Lake Facilities Authority – Mercer County	Grand Lake St Mary	Wetland Restoration	\$186,534
15(h)EPA-015	Springfield Township	Cuyahoga River	Stream Restoration	\$248,787
15(h)EPA-16	Clermont County SWCD	O’Bannon Creek	Stream Restoration	\$90,458
15(h)EPA-18	City of Lakewood	Rocky River	Riparian Restoration	\$122,842
15(h)EPA-19	Bainbridge Township	Chagrin River	Stormwater Demo	\$96,010
15(h)EPA-20	Village of Olmsted Falls	Plum Creek	Stormwater Demo	\$138,445
15(h)EPA-23	Village of Marshallville	Tuscarawas River	Stormwater Demo	\$77,027
15(h)EPA-25	City of Blue Ash	Little Miami River	Stream Restoration	\$258,000
15(h)EPA-27	Cleveland Metroparks	Cuyahoga River	Stormwater Demo	\$340,017
15(h)EPA-28	Wood County SWCD	Bull Creek	Agricultural BMPs	\$166,533
15(h)EPA-29	Defiance County SWCD	Platter Creek	Agricultural BMPs	\$366,493
15(h)EPA-32	City of Mason	Muddy Creek	Stream Restoration	\$222,000
<b>Total Federal 319(h) Implementation Funds Awarded</b>				<b>\$2,896,846</b>

During the reporting period Ohio’s NPS Program staff managed 70 previously funded and active Section 319 subgrants. 20 of these projects were completed and the subgrants closed out during the reporting period. All required information for each subgrant has been updated and included in the federal Grants Reporting and Tracking System (GRTS). Final Fact Sheets for projects completed during the reporting period are included in ATTACHMENT 1.

Maintaining effective oversight and providing technical assistance (when needed) are activities that are critical to insuring timely implementation and financial management of Section 319(h) subgrants by local implementers. Ohio EPA provides this oversight in several different ways however conducting regular site visits is the primary tool that we use to insure that projects are progressing appropriately and observing project sites upon completion to insure consistency with grant awards. During the reporting period, Ohio EPA’s NPS Program staff completed site visits with the following project implementers:

**FY10 Section 319(h) Project Site Visits Completed**

- 10(h)EPA-25S Butler County Water and Sewer Department-Wildermuth Wetland Restoration
- 10(h)EPA-26S Columbus Downtown Development Corporation-Main St. Dam Removal

**FY11 Section 319(h) Project Site Visits Completed**

- 11(h)EPA-09 City of Springdale-Beaver Run Corridor Restoration Phase 2
- 11(h)EPA-20 City of Westerville-Highland Park Wetland Restoration
- 11(h)EPA-21 Toledo Botanical Garden –Hill Ditch Stream Restoration and Dam Removal
- 11(h)EPA-33S City of Pepper Pike-Morgan Park Riparian Restoration and Stormwater Retrofit
- 11(h)EPA-34S City of Reynoldsburg-Senior Center Stormwater NPS Reduction Project

**FY12 Section 319(h) Project Site Visits Completed**

- 12(h)EPA-05 Ohio State University-Chadwick Arboretum Green Roof
- 12(h)EPA-10 City of Wadsworth-Southwest Parking Lot Stormwater Retrofit Project
- 12(h)EPA-15 City of Pickerington-Sycamore Creek Bank Stabilization Project
- 12(h)EPA-19 City of Elyria-Black River Stream Restoration
- 12(h)EPA-26 City of Gahanna-Stormwater Wetland Treatment System
- 12(h)EPA-27 City of New Albany-Rose Run Wetland and Stream Restoration
- 12(h)EPA-28 Columbus/Franklin County Metroparks-Blacklick Creek Streambank Stabilization
- 12(h)EPA-36 Holden Arboretum-East Branch Chagrin River Stream Restoration
- 12(h)EPA-37 Liberty Township-Liberty Park Stormwater Demonstration
- 12(h)EPA-40 Lake County-Morley Road Dam Removal and Stream Restoration
- 12(h)EPA-42 City of Lima-Municipal Parking Lot 7 Stormwater Retrofit

**FY13 Section 319(h) Project Site Visits Completed**

- 13(h)EPA-09 City of Willoughby-Chagrin River Streambank Stabilization Project
- 13(h)EPA-14 Northeast Shores Development Corporation
- 13(h)EPA-19 City of Gahanna-Sycamore Run Stream Restoration
- 13(h)EPA-20 Mercer County Commissioners-Prairie Creek Treatment Train Enhancement
- 13(h)EPA-21 City of Hilliard-Clover Groff Run Stream Restoration
- 13(h)EPA-22 Mill Creek Watershed Council -Roberts Academy Stormwater Retrofit
- 13(h)EPA-17S City of Reynoldsburg-Senior Center Stormwater Demonstration
- 13(h)EPA-LEW-10 City of Vermillion-Showse Park Shows Off Pervious Pavement
- 13(h)EPA-LEW-09 City of South Euclid-Municipal Complex Rear Parking Area Stormwater Retrofit
- 13(h)EPA-LEW-63 City of Fairview Park-Coe Creek Streambank Stabilization
- 13(h)EPA-LEW-73 City of Macedonia-Macedonia Stormwater Demonstration Park

**FY14 Section 319(h) Project site Visits Completed**

- 14(h)EPA-10 City of Delaware-Blue Limestone Stormwater Retrofit Demonstration
- 14(h)EPA-13 City of Lancaster-Baldwin Run Stream Restoration Phase 2
- 14(h)EPA-20 City of Huron-Fabens Park Stream Restoration
- 14(h)EPA-23 Liberty Township - TERMINATED
- 14(h)EPA-25 City of Solon-St. Marys Stream Restoration Project
- 14(h)EPA-26 Cleveland Metroparks-Sulfur Springs Headwater Restoration
- 14(h)EPA-27 City of Rocky River-Rocky River Park Innovative Stormwater Demonstration

**FY15 Section 319(h) Project Site Visits Completed**

- 15(h)EPA-18 City of Lakewood-Rocky River Streambank Restoration and Fish Shelf

During the reporting period 20 Section 319(h) subgrant funded projects were completed and their subgrants closed out. Final fiscal and progress reports were received and final payments were made to the subgrantees. Following is a listing of those Section 319 subgrant-funded projects that were completed and closed during the FY15 reporting period.

**FY10 Section 319 Subgrants Closed**

10(h)EPA-22S	City of Ravenna
10(h)EPA-24S	Holden Arboretum
10(h)EPA-25S	Butler County Water & Sewer

**BUCK11 Section 319 Subgrants Closed**

BUCK11-04M	Village of Buckeye Lake
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**FY11 Section 319(h) Subgrants Closed**

11(h)EPA-04	The Ohio State University
11(h)EPA-21	Toledo Botanical Garden
11(h)EPA-31	Medina County Park District
11(h)EPA-32S	West Creek Preservation Committee
11(h)EPA-33S	City of Pepper Pike
11(h)EPA-34S	City of Reynoldsburg

**FY12 Section 319(h) Subgrants Closed**

12(h)EPA-10	City of Wadsworth
12(h)EPA-33	Metroparks Serving Summit County
12(h)EPA-36	The Holden Arboretum

**FY13 Section 319(h) Subgrants Closed**

13(h)EPA-02	Ohio Department of Natural Resources-Soil and Water Resources
13(h)EPA-06	Anderson Township Park District
13(h)EPA-14	Northeast Shores Development Corporation
13(h)EPA-22	Mill Creek Watershed Council of Communities
13(h)EPA-LEW-09	City of South Euclid

**FY14 Section 319(h) Subgrants Closed**

14(h)EPA-06	City of Springfield – terminated at sponsor request
14(h)EPA-23	Liberty Township – terminated at sponsor request

In anticipation of a Fiscal Year 16 Section 319(h) grant allocation, Ohio EPA released a Request for Proposals on 6/15/15 for 2016 Section 319(h) subgrant projects. Multiple revisions were made from previous RFP's—most notably application ceilings were removed and the RFP clearly encourages applicants with projects in the Lake Erie watershed to reflect the priority being placed on addressing nonpoint source problems occurring in Lake Erie. In response, we received 23 applications requesting more than \$4.8 million. It is expected that Ohio EPA will receive approximately \$4.5 of which approximately \$2.25 million will be available for subgrant projects. Reviews and scoring of these applications is currently underway.

# US EPA Great Lakes Restoration Initiative Grants



Ohio’s NPS Program staff has been fortunate to apply for, receive and manage 7 currently active federal Great Lakes Restoration Initiative (GLRI) grants. During the reporting period, the NPS Program managed 43 subgrants awarded by Ohio EPA under these GLRI funded initiatives. All required information was entered into the federal GLAS database. Final Fact Sheets for GLRI subgrant funded projects closed out during the reporting period may be found in ATTACHMENTS 2, 3 AND 4.

**FY12 Cuyahoga County GLRI-Surface Water Improvement Project Grant**  
**Federal Grant #GL-00E1137**  
**State Grant ID #CUYA12**

Ohio EPA applied for and received GLRI grant #GL-00E1137 in the amount of \$996,902 to implement 18 local green stormwater demonstration and nonpoint source management project in Cuyahoga County, Ohio. \$1.4 million in state SWIF funding was provided to increase the project total to \$2.3 million. Following is a table of those local organizations who implemented projects funded under this GLRI grant:

**Table 1-2**  
**FY12 Cuyahoga County GLRI-SWIF Subgrants**

Project Number	Project Sponsor	Type of Project	Project Status
12GLRI-CUY-06	Ursulines College	Stream Restoration	Complete
12GLRI-CUY-10	City of Euclid	Stormwater Mgmt.	Complete
12GLRI-CUY-11	Village of Glenwillow	Stormwater Mgmt.	Complete
12GLRI-CUY-12	City of Cleveland	Stormwater Mgmt.	Complete
12GLRI-CUY-14	City of Rocky River	Stormwater Mgmt.	Complete
12GLRI-CUY-21	City of Richmond Heights	Stormwater Mgmt.	Complete
12SWIF-CUY-02	City of South Euclid	Stormwater Mgmt.	Complete
12SWIF-CUY-03	Orange Village	Stormwater Mgmt.	Complete
12SWIF-CUY-07	Moreland Hills	Stream Restoration	Complete
12SWIF-CUY-08	Cleveland Metroparks	Stormwater Mgmt.	Complete
12SWIF-CUY-09	City of Parma	Stormwater Mgmt.	Complete
12SWIF-CUY-16	City of Lakewood	Stormwater Mgmt.	Complete
12SWIF-CUY-17	Olmsted Township	Stormwater Mgmt.	Complete
12SWIF-CUY-18	Village of Pepper Pike	Stormwater Mgmt.	Complete
12SWIF-CUY-19	City of Independence	Stormwater Mgmt.	Complete
12SWIF-CUY-20	Village of Brooklyn Heights	Stormwater Mgmt.	Complete
12SWIF-CUY-22	City of Westlake	Stream Restoration	Complete
12SWIF-CUY-23	Village of Chagrin Falls	Stormwater Mgmt.	Complete

All projects have been completed and final close out of this grant will commence upon receipt of final reports from the last two subgrants that remain open awaiting reimbursement.

## Summary of Deliverables

The successful implementation of the projects funded by the FY12 Cuyahoga County GLRI-SWIF Project resulted in completion of the following deliverables:

- 101,697 square feet of permeable pavers and/or pavement
- 10,864 square feet of bio-filtration areas
- 10,400 square feet of community-scale rain gardens
- 8 passive stormwater treatment trains
- 2.2 acres of wetlands restored
- 2,188 linear feet of riparian areas restored
- 350 linear feet of stream restored.
- All projects installed GLRI funding signs and other interpretive signage
- All projects conducted multiple public outreach events such as project tours

During the reporting period, Ohio EPA NPS Program staff conducted site visits at the following project locations:

### **FY12 Cuyahoga County GLRI-SWIF Site Visits during the Reporting Period**

12SWIF-CUY-02	City of South Euclid-Municipal Parking Area Stormwater Retrofit
12SWIF-CUY-03	Village of Orange-Orange Village Service Facility Parking Lot Retrofit
12SWIF-CUY-07	Village of Moreland Hills-Forest Ride Preserve Stream Restoration
12SWIF-CUY-08	Cleveland Metroparks Nature Center-North Chagrin Parking Retrofit
12SWIF-CUY-16	City of Lakewood-Green Parking Lots in City Center
12SWIF-CUY-22	City of Westlake-Cahoon and Columbia Creek Wetland Restoration
12SWIF-CUY-GLRI-10	City of Euclid-Shore Cultural Center Parking Lot Stormwater Retrofit

During the reporting period 9 FY12 Cuyahoga GLRI and/or Match funded subgrants were completed and their subgrants closed out. Final fiscal and progress reports were received and final payments were made to the subgrantees and the subgrant files within the national GLAS database were updated. Following is a listing of those FY12 Cuyahoga GLRI or state Match subgrant-funded projects that were completed and closed during the FY15 reporting period.

### **FY12 Cuyahoga County Surface Water Improvement (GLRI Match) Grants Closed**

12SWIF-CUY-07	Village of Moreland Hills
12SWIF-CUY-08	Cleveland Metroparks Nature Center
12SWIF-CUY-09	City of Parma
12SWIF-CUY-16	Lakewood Public Works Department
12SWIF-CUY-22	City of Westlake
12SWIF-CUY-23	Village of Chagrin Falls
12SWIF-CUY-GLRI-06	Ursuline College
12SWIF-CUY-GLRI-14	City of Rocky River
12SWIF-CUY-GLRI-21	City of Richmond Heights

Ohio EPA applied for and received a Fiscal Year 12 GLRI grant #GL-00E01132 in the amount of \$749,839 to assist communities and other implementers within Lucas County, Ohio with the design and installation of 9 innovative green stormwater management practices. An additional four (4) projects were funded under a supplemental Request for Proposal using funds that became available when two previously recommended applicants (Village of Holland and Monclova Township) elected not to accept their subgrant. A listing of all subgrant recipients under the Lucas County GLRI Stormwater Demonstration Project is included in Table 1-3.

**Summary of Deliverables**

The successful implementation of the projects funded by the FY12 Lucas County Stormwater Demonstration project included the following deliverables:

- 10,850 square feet of permeable pavers and/or pavement
- 5,015 square feet of of bio-filtration areas
- 6,200 square feet of community-scale rain gardens
- 1 passive stormwater treatment train
- 2 rainwater collection and reuse systems
- 7 acres of wetlands restored
- 4,074 linear feet of 2-stage channel constructed

During the reporting period, Ohio EPA NPS Program staff conducted project site visits at the following subgrant funded project locations:

**FY12 Lucas County GLRI-SWIF Stormwater Demonstration Site Visits during the Reporting Period**

12GLRI-LUCA-02	ODNR-Maumee Bay State Park Rainwater Harvesting System
12LUCA-03	Toledo Engineering Services-Alternative Street Demonstration Project
12GLRI-LUCA-05	Lucas County Engineer-Community Scale Rain Garden Demonstration
12GLRI-LUCA-06	Oregon-Bioretenion Facility Demonstration Project
12GLRI-LUCA-22S	Lucas County Engineer-Permeable Pavement Demonstration Project
12GLRI-LUCA-23S	Boy Scouts of Engineer-Centennial Stormwater Demonstration
12GLRI-LUCA-24S	Toledo Botanical Garden – Artist’s Village Stormwater Retrofit

During the reporting period ten (10) FY12 Lucas County Stormwater Demonstration GLRI and/or Match funded subgrants were completed and their subgrants closed out. Final fiscal and progress reports were received and final payments were made to the subgrantees and the subgrant files within the national GLAS database were updated. Following is a listing of those FY12 Lucas County GLRI or state Match subgrant-funded projects that were completed and closed during the FY15 reporting period.

## **FY12 Lucas County GLRI-SWIF-Great Lakes Restoration Grants Closed**

12GLRI-LUCA-02	ODNR-Maumee Bay State Parks Nature Center
12SWIF-LUCA-03	City of Toledo Engineering Services
12GLRI-LUCA-06	City of Oregon
12GLRI-LUCA-08	University of Toledo
12GLRI-LUCA-10	Toledo Area Metroparks
12GLRI-LUCA-20S	City of Sylvania
12GLRI-LUCA-21S	University of Toledo
12GLRI-LUCA-23S	Boy Scouts of America
12GLRI-LUCA-24S	Toledo Botanical Garden
12GLRI-LUCA-25S	Toledo Area Metroparks

## **FY12 Upper Blanchard Watershed Phosphorus Reduction Initiative Federal Grant #GL-00E01020-1 State ID #BLAN12**

The Upper Blanchard River Phosphorus Reduction Initiative commenced in 2012 when Ohio EPA applied for and received GLRI Grant #GL-00E01020-1 in the amount of \$631,572 on 10/10/12 from US EPA's Great Lakes National Program Office. The project involves collaboration among Ohio EPA, GLNPO, the Blanchard River Watershed Partners, Hancock County SWCD, University of Findlay and the city of Findlay. With Hancock County SWCD taking lead, the project is designed to demonstrate various phosphorus reduction practices in both rural and urban areas.

### **Summary of Deliverables**

Successful implementation (as of this date) of the Upper Blanchard Watershed Phosphorus Reduction Initiative resulted in the completion of the following deliverables:

- 2,440 acres of cover crops planted
- 1 controlled drainage structure
- Repaired 20 tile main blowouts
- 1,046 acres conventional tillage converted to variable rate strip tillage
- Nutrient management plans covering 5,343 acres
- Conservation tillage on 1,268 acres of cropland
- 4 acres of grassed waterway
- 6.3 acres of riparian filter strips
- 1.6 acres of native tree species riparian restoration
- 8 acres of wetlands restored

During the reporting period NPS Program Staff from Ohio EPA conducted site visits with the Hancock County Soil & Water Conservation District, city of Findlay and staff from the University of Findlay. Subgrant funded projects are complete. Only the University of Findlay grant remains open as they await fall planting season. All other subgrants awarded under this project have submitted final fiscal and progress reports and the subgrant files within the national GLAS database were updated by Ohio EPA staff. Following are the subgrants that were closed out during the reporting period:

## **FY12 Upper Blanchard Phosphorus Reduction Initiative Site Visits Completed during the Reporting Period**

12GLRI-BLAN-01      Hancock County Soil and Water Conservation District  
12GLRI-BLAN-03      City of Findlay-Sediment and Phosphorous Reduction in the Lye Creek

The subgrant funded activities of the Hancock SWCD are the only activities that are still active and ongoing. One subgrant funded project completed all activities and submitted all required financial and progress reports. All required data was updated in the GLAS database and the subgrant closed. The following subgrant was completed and closed during the reporting period:

12GLRI-BLAN-03      City of Findlay

## **FY12 Powell Creek Nutrient Reduction Demonstration Project**

**Federal Grant # Grant #GL-00E001131**

**State ID #POWL12**

The Powell Creek Nutrient Reduction Project is a joint effort between Ohio EPA, Defiance and Putnam County Soil & Water Conservation Districts and the Defiance County Health Department. The grant provides important cost-share assistance to implement a variety of conservation and water quality practices identified in the Powell Creek Total Maximum Daily Load Study (TMDL).

### **Summary of Deliverables**

Successful implementation of the Powell Creek Nutrient Reduction Project resulted in completion of the following deliverables:

- Three (3) runoff wetland treatment areas totaling more than 16 acres
- 2,400 acres of cover crops planted
- 31 controlled drainage structures installed
- Saturated buffer treating 25 acres of cropland installed
- 2 nutrient management plans converting 376 acres of cropland to variable rate technology
- 4 failing home sewage treatment systems were replaced

During the reporting period NPS Program Staff from Ohio EPA conducted site visits with the following subgrant recipients:

12GLRI-POWL-01      Defiance County Soil and Water Conservation District  
12GLRI-POWL-02      Defiance County Health Department

One subgrant completed all activities and was closed during the reporting period. All required financial and progress reports were submitted and pertinent information entered into the GLAS database. The following subgrant was completed and closed:

12GLRI-POWL-02      Defiance County Health Department

The Lake Erie Nutrient Reduction Demonstration Project was one of the first projects of its kind, focusing on performance-based agricultural assistance and nutrient loss risk reduction. This collaboration between Ohio EPA, Crawford County SWCD, Crawford County Park District, Ohio State University Extension and the Sandusky River Coalition. During the reporting period the following activities were completed:

### **Summary of Deliverables**

Successful implementation of the Lake Erie Nutrient Reduction Demonstration Project resulted in the completion of the following deliverables:

- 1,737 acres of cover crops with 1,113 more acres to be planted fall 2015
- 21 controlled drainage structures managing drainage water on 594 acres
- 1,046 acres conventional tillage converted to variable rate strip tillage
- Nutrient management plans covering 5,343 acres
- 2 grassed waterways installed
- 6.3 acres of riparian filter strips
- 175 linear feet of severely eroding streambank stabilized and restored
- 1 manure storage system
- 52 whole farm conservation plans completed
- 5,000 square feet of permeable pavement installed
- 750 square feet of passive treatment installed under pavers
- 375 square feet of rain garden
- 1,750 square feet of vegetated infiltration area

Currently project #NUTR11GLRI-01 implemented by the Crawford County SWCD is the only subgrant that is still open and active. During the reporting period one subgrant completed all activities and was closed. All required financial and progress reports were completed and submitted. All required data was entered into the GLAS federal database. The following was completed and closed:

NUTR11GLRI-02          WSOS Community Action Organization

## **Surface Water Improvement Fund Grants**

Ohio's Surface Water Improvement Fund (SWIF) was established in 2009 and codified in the Ohio Revised Code in 2012. The SWIF grant program is an important enhancement to Ohio's nonpoint source program by greatly expanding the number of projects being implemented in addition to Ohio's Section 319 grant funded NPS projects. Since 2010 Ohio EPA has awarded 152 SWIF grants totaling \$15.5 million 135 different local governments, conservation organizations, SWCD's and park districts. SWIF funded projects have been implemented in 66 watersheds throughout Ohio.

Nearly \$8 million (65%) of SWIF funds were awarded to implement green stormwater management demonstration projects. 18% (\$2.2 million) of SWIF funded projects conducted local stream restoration projects and the remaining 17% of SWIF grants were awarded for wetland restoration, nutrient reduction and other NPS projects. Ohio EPA also has successfully used SWIF funding to leverage an additional \$2.8 million in federal Great Lakes Restoration Initiative (GLRI) funding for projects in Cuyahoga and Lucas counties.

**TABLE 1-3**  
**FY2010 through FY2015 SWIF (and leveraged GLRI) Grant Awards**  
**by Activity Type**

Type of Activity	Funds Awarded	% of Total
Stormwater Mgmt.	\$ 8,096,844	52.12%
Stream Restoration	\$ 2,404,552	15.48%
Sediment Reduction	\$ 1,498,600	9.65%
Nutrient Reduction	\$ 1,477,481	9.51%
Wetland Restoration	\$ 1,380,032	8.88%
Dam Removal	\$ 304,494	1.96%
Riparian Protection	\$ 158,773	1.02%
Inland Lake Management	\$ 89,785	0.58%
Habitat Restoration	\$ 74,023	0.48%
Watershed Assessment Plan	\$ 50,000	0.32%
<b>TOTAL</b>	<b>\$ 15,534,584</b>	<b>100.00%</b>

Ohio EPA's NPS Program is currently managing 31 active Surface Water Improvement Fund subgrants under provisions of 4 different SWIF grant cycles as listed below:

- FY12 Statewide SWIF Grants      All projects are complete and grants closed
- FY14 Statewide SWIF Grants      7 funded projects currently active
- FY15 Statewide SWIF Grants      9 funded projects currently active
- FY14 Lake Erie Watershed SWIF    7 funded projects currently active
- FY15 Lake Erie Watershed SWIF    8 funded projects currently active

Ohio EPA's SWIF program is designed to insure that all projects are consistent with recommendations in Ohio's updated NPS Management Plan, approved Total Maximum Daily Load Studies, and state endorsed 9-element watershed action plans. Eligibility, application procedures and grant administration requirements are identical to Ohio's Section 319(h) subgrant process. This consistency insures efficiency and provides enhanced clarity to NPS project implementers.

SWIF-funded grant projects tend to be single-site projects and include a wide array of innovative stormwater management practices, stream and wetland restoration, inland lake management and other activities. As referenced above, the bulk of SWIF grants are awarded to Ohio municipalities, counties and/or townships and villages. Most SWIF funded projects (65%) are innovative stormwater management demonstration projects including rain gardens, pervious pavements, stormwater wetland treatment areas, biofiltration areas and green roofs. About 18% of SWIF projects are for stream restoration and/or streambank stabilization activities.

EPA released an FY14 SWIF grant RFP on January 23, 2014. In response, we received 55 applications requesting more than \$3.7 million for a variety of stream restoration, stormwater demonstration and other types of nonpoint source management projects. In response to such a strong applicant pool, Ohio EPA elected to forego another SWIF grant cycle and provided SWIF grant funds under FY15 to applicants from the FY14 grant cycle. Ohio EPA was able to provide nearly \$2 million in statewide SWIF funding for 20 local stormwater demonstration and stream restoration projects.

**Table 2-2  
FY14 and FY15 STATEWIDE Surface Water Improvement (SWIF) Grants**

Project Number	Project Sponsor	Type of Project	Total SWIF Amount Awarded
14SWIF-05	Bellbrook Sugarcreek Park District	Stormwater Mgmt.	\$ 148,612
14SWIF-07	The Ohio State University & Ohio Sea Grant	Lake Mgmt. & Restoration	\$ 29,785
14SWIF-11	Preble County Historical Society, Inc.	Stream Restoration	\$ 107,818
14SWIF-31	City of Athens	Stormwater Mgmt.	\$ 104,715
14SWIF-33	City of Westerville Parks & Recreation	Stream Restoration	\$ 75,000
14SWIF-37	City of North Canton	Stormwater Mgmt.	\$ 115,000
14SWIF-43	Mill Creek MetroParks	Stormwater Mgmt.	\$ 123,360
14SWIF-76	City of Wyoming	Stream Restoration	\$ 112,580
14SWIF-83	Coventry Township	Stormwater Mgmt.	\$ 143,160
14SWIF-SEP-86	City of Delaware	Dam Removal	\$ 60,224
15SWIF-06	City of Columbus	Stormwater Mgmt.	\$ 67,860
15SWIF-13	Village of Amelia	Stormwater Mgmt.	\$ 95,000
15SWIF-19	Village of Greenhills	Stormwater Mgmt.	\$ 129,763
15SWIF-20	Butler County SWCD	Riparian Restoration	\$ 123,450
15SWIF-23	City of Reading	Stormwater Mgmt.	\$ 62,463
15SWIF-30	City of Mount Vernon	Stormwater Mgmt.	\$ 82,987
15SWIF-40	City of Fairlawn	Stream Restoration	\$ 150,000
15SWIF-52	Jefferson County SWCD	Stream Restoration	\$ 149,500
15SWIF-59	City of Grove City	Stormwater Mgmt.	\$ 15,200
15SWIF-67	Stark County Park District	Wetland Restoration	\$ 99,856
<b>TOTAL</b>			<b>\$ 1,996,333</b>

These grants provide local governments and other NPS and stormwater project implementers with important match-free resources to encourage the installation of innovative green stormwater infrastructure, the restoration of impaired and modified streams and the renaturalization of impaired and modified wetland areas. SWIF guidelines and eligibility mirror Ohio’s section 319 NPS project grants—as a result, NPS efforts in Ohio during FY14 and FY15 are nearly double what they would be if NPS implementation funding was limited strictly to federal Section 319 funds.

During the reporting period, Ohio EPA’s NPS Program staff conducted site visits to the following SWIF recipients:

- 12SWIF-06 Village of Boston Heights-Village Hall Water Quality Project
- 12SWIF-09 Clermont County Park District-Shor Park Wetland Restoration
- 12SWIF-10 Cuyahoga Falls-Kelsey Creek Stream Restoration
- 12SWIF-11 Greenville-Wayne Avenue Rain Garden Demonstration
- 12SWIF-12 Gahanna-Gahanna Woods Stormwater Treatment Wetland
- 12SWIF-16 Green-Green Local Schools Educational Wetland
- 12SWIF-24 Chardon Township-Wisner Road Headwater Stream Restoration
- 12SWIF-25 Painesville-Main Street Stormwater Demonstration Retrofit

12SWIF-39	Forest Park-West Fork Mill Creek Headwaters Restoration
12SWIF-42	Hamilton County Park District-Winton Centre Stormwater Demonstration
12SWIF-48	Village of Kirtland Hills-Baldwin Stormwater Retrofit Demonstration
14SWIF-33	Westerville-Spring Valley Greenway Stream Restoration
14SWIF-76	Wyoming-West Fork Mill Creek Streambank Stabilization
14SWIF-LEW-26	Mayfield Village-Civic Center Stormwater Demonstration Project
14SWIF-LEW-36	Sandusky-Jackson Street Parking Pervious Pavement Demonstration
14SWIF-LEW-61	Cuyahoga County SWCD-Extreme Makeover Hinckley Stables
14SWIF-SEP-86	Delaware-Blue Limestone Stormwater Demonstration Project
15SWIF-06	Columbus – Hoover Reservoir Project
15SWIF-20	Butler Co. SWCD-Hopewell Elementary Stormwater Enhancement
15SWIF-23	Reading-Residential Stormwater Demonstration Project

Drawn from the pool of FY14 SWIF applicants, 15 projects were also selected for funding within the Lake Erie watershed. 7 of these projects were funded using FY14 SWIF grant money and the remaining 8 were funded beginning July 1<sup>st</sup>, 2014 using FY15 SWIF grant funds. More than \$1.3 million was awarded for Lake Erie watershed based projects, building on the more than 40 previous Lake Erie SWIF projects. Following is a table of FY14-15 Lake Erie Watershed SWIF grants:

**Table 2-3  
FY14 and FY15 LAKE ERIE WATERSHED Surface Water Improvement (SWIF) Grants**

Project Number	Project Sponsor	Type of Project	Total SWIF Amount Awarded
14SWIF-LEW-14	City of Bay Village	Stormwater Mgmt.	\$ 120,000
14SWIF-LEW-26	Mayfield Village	Stormwater Mgmt.	\$ 126,500
14SWIF-LEW-36	City of Sandusky	Stormwater Mgmt.	\$ 97,723
14SWIF-LEW-45	City of Hudson	Stormwater Mgmt.	\$ 86,808
14SWIF-LEW-61	Cuyahoga County SWCD	Stormwater Mgmt.	\$ 41,865
14SWIF-LEW-68	City of Cleveland Heights	Stormwater Mgmt.	\$ 135,718
15SWIF-LEW-38	Madison Village	Stormwater Mgmt.	\$ 98,740
15SWIF-LEW-39	Cuyahoga County Department of Public Works	Stormwater Mgmt.	\$ 100,000
15SWIF-LEW-55	Medina County Park District	Stormwater Mgmt.	\$ 54,879
15SWIF-LEW-62	City of Defiance	Stormwater Mgmt.	\$ 150,000
15SWIF-LEW-65	Madison Township	Stormwater Mgmt.	\$ 82,500
15SWIF-LEW-71	Painesville Township	Stormwater Mgmt.	\$ 40,000
15SWIF-LEW-78	Village of Woodmere	Stormwater Mgmt.	\$ 78,315
15SWIF-LEW-81	City of Mentor	Stormwater Mgmt.	\$ 112,000
<b>TOTAL</b>			<b>\$ 1,325,048</b>

## Nonpoint Source Stakeholder Meetings, Outreach & Presentations

- Oct 17<sup>th</sup> Rick Wilson and Russ Gibson participated in a Southeast Ohio Watershed Planning Assistance Meeting at Rural Action in The Plains, Ohio. This initiative is funded under a Cargill Foundation grant and is designed to help shape the establishment of a regional watershed assistance center in southeast Ohio.
- Oct 20<sup>th</sup> Met with Jennifer Eismeier regarding tentative plans and ideas for the Southwest Ohio Regional Watershed Initiative proposed to be housed in the Mill Creek Watershed Council of Communities.
- Oct 23<sup>rd</sup> Rick Wilson, Amy Jo Klei and Linda Merchant-Masonbrink attended the semi-annual Water Quality Retreat at Highbanks Metroparks.
- Oct 31<sup>st</sup> Rick Wilson and Linda Merchant-Masonbrink attended the Monday Creek watershed tour of Acid Mine Drainage related projects.
- Nov 5<sup>th</sup> Rick Wilson became a father for the third time. Rick and his wife Melinda had a little baby girl named Mae. They say it'll be okay when they can a full night's sleep again in 14 years. 😊
- Nov 17<sup>th</sup> Rick Wilson gave a presentation on the NPS program to the Ohio Nutrient Reduction Technical Advisory Group (TAG).
- Nov 24<sup>th</sup> Rick Wilson participated on the Maumee River Total Maximum Daily Load Study (TMDL) webinar.
- Nov 24<sup>th</sup> Russ Gibson and Rick Wilson met with Jay Dorsey, John Mathews and ODNr's Division of Soil and Water Resources stormwater program staff to discuss possible opportunities for collaboration. (This program is being transferred to Ohio EPA effective Jan 1<sup>st</sup>, 2016).
- Nov 25<sup>th</sup> Met with Michelle Lohstroh, Barb Baker and Dot Harris from Ohio's office of the Natural Resources Conservation Service (NRCS) to discuss opportunities to collaborate and to be updated on status of Ohio's National Water Quality Initiative (NWQI) streams.
- Dec 1<sup>st</sup> Rick Wilson participated in the Ohio State University Agricultural Policy annual meeting.
- Dec 11<sup>th</sup> Rick Wilson attended an Urban Stormwater seminar at the Ohio State University where data on effectiveness of urban green infrastructure practices (in Ohio) was provided by North Carolina State University's Ryan Winston.
- Dec 12<sup>th</sup> Rick Wilson participated in the state level Nutrient Reduction Strategies webinar titled "Conservation Cropping and Soil Health".
- Dec 18<sup>th</sup> Russ Gibson met with Michelle Decker from Rural Action and Jen Bowman and others from Ohio University to discuss Southeast Ohio Watershed Assistance Initiative.
- Dec 22<sup>nd</sup> Rick Wilson and Russ Gibson met with Jean Ann Derr, Phil Martin and others to discuss potential GLRI project development within the Blanchard watershed.
- Dec 30<sup>th</sup> Met with Scott Fletcher and Mark Hoffhines to discuss Goose Management practices for use in Ohio State Parks. Discussion resulted in several projects using dogs to control gulls and geese at Ohio State Park beaches including Buckeye Lake and Maumee Bay State Park.
- Jan 7<sup>th</sup> Russ Gibson met with Dave Anderson of Liberty Township, Natalie Pirvu of Ohio's Scenic Rivers Program and representatives of Preservation Parks of Delaware County to discuss possible options for protecting and/or restoring the upper Olentangy State Scenic River.

- Jan 8<sup>th</sup> Russ Gibson met with Ben McCament and Greg Nageotte of the Ohio Department of Natural Resources (ODNR) to discuss paths forward for developing a Regional Watershed Implementation Assistance Center in southeast Ohio.
- Jan 14<sup>th</sup> Russ Gibson attended a steering committee/planning workgroup meeting for the Southeastern Ohio Regional Watershed Assistance Project. The meeting was held at Rural Action in the Plains, Ohio. Representatives from multiple organizations and multiple watersheds were also present at this meeting.
- Jan 15<sup>th</sup> Rick Wilson met with Crawford County SWCD to discuss GLRI grant project opportunities, project development and site review and assessment of ongoing GLRI Brokensword Creek and NWQI projects.
- Jan 22<sup>nd</sup> Russ Gibson and Rick Wilson along with Kristen Piper of the city of Delaware attended a meeting of the Upper Olentangy Watershed Alliance to discuss nutrient related issues with about 10 farmers/agricultural producers.
- Feb 9<sup>th</sup> Rick Wilson and Russ Gibson met with Ohio EPA's Ecological Assessment Unit (EAU) to develop monitoring schedule and plans for FY15 Section 319 subgrant funded projects and SWIF and GLRI funded projects.
- Feb 12<sup>th</sup> Russ Gibson and Martha Spurbeck met with Heather Elmer, the recently appointed Executive Director of the Chagrin River Watershed Partners. The meeting was to discuss potential opportunities for collaboration between Ohio EPA and CRWP as well to provide overviews on the status of existing grant projects within the watershed.
- Feb 18<sup>th</sup> Russ Gibson, Rick Wilson and Linda Merchant-Masonbrink met with ODNR's Scenic Rivers Staff to discuss opportunities for collaboration and to provide program updates with a focus on nonpoint source related work in high quality waters such as state designated wild and/or scenic rivers.
- Feb 26<sup>th</sup> Russ Gibson and Rick Wilson met with the Gund Foundation in Cleveland and the steering committee for the central Lake Erie basin watershed assistance group to discuss a potential path forward for establishing and funding a central Lake Erie basin watershed implementation assistance center. Gund Foundation provided a \$50,000 grant to CWRP to facilitate the discussions and help the group with its visioning exercises.
- Feb 27<sup>th</sup> Linda Merchant-Masonbrink traveled to Ohio State University where she delivered a one-hour class on Ohio EPA's Inland Lake and HAB Program.
- Mar 2<sup>nd</sup> Russ Gibson participated in two different meetings to discuss issues and concerns with Cuyahoga River Dredge Material disposal and to help identify funding to potentially cover the dredge Delta (\$\$ differences between open lake disposal and disposal in a Confined Disposal Facility (CDF).
- Mar 5<sup>th</sup> Russ Gibson met with Dave Anderson, Township Administrator for Liberty Township to discuss concerns that the township was encountering with their Olentangy River Section 319 grant funded project. Apparently the township is prohibited from conducting activity on private lands. As a result, Project #14(h)EPA-23 was terminated at the request of Liberty Township.
- Mar 13<sup>th</sup> Rick Wilson serves as a member of the Ohio Certified Crop Advisory (CCA) Board. He participated in their bi-annual meeting of the Board.
- Mar 16<sup>th</sup> Russ Gibson met with Maureen Richards of the Greater Cincinnati Area Waterworks to discuss possible options for Section 319 funded projects.

- Mar 17<sup>th</sup> Russ Gibson and Tiffani Kavalec met with Michelle Decker and Terry Van Offeran of Rural Action to discuss their ongoing watershed implementation planning initiative.
- Mar 17<sup>th</sup> Martha Spurbeck and Russ Gibson met with Heather Elmer (the newly appointed director of Chagrin River Watershed Partners) to acquaint ourselves and also to discuss progress and status of SWIF and/or 319 grant funded projects in the Chagrin.
- Mar 19<sup>th</sup> Rick Wilson participated as Ohio EPA's representative in the NRCS State Technical Committee meeting.
- Mar 25<sup>th</sup> Rick Wilson met with Greg Nageotte of ODNR's Division of Soil and Water Resources to discuss path forward for updating Ohio's watershed action plans to comply with the required 9-elements. The issue has become more urgent due to US EPA's more stringent enforcement of tying Section 319 grant funding to projects in watershed with 9-element watershed action plans.
- Mar 31<sup>st</sup> Russ Gibson met with a workgroup with representatives from Liberty Township, ODNR's Scenic Rivers Program, Preservation Parks of Delaware County, and others to discuss potential strategies for protecting and restoring the Olentangy River riparian corridor.
- Apr 7<sup>th</sup> Rick Wilson and Russ Gibson met with USDA-NRCS staff to discuss ideas for this year's Mississippi River Basin Initiative (MRBI) and to help suggest potential watersheds where such an initiative could be fruitful in 2015-16.
- Apr 7<sup>th</sup> Rick Wilson assisted Tetrattech staff working on the Ohio Lake Management Planning Initiative.
- Apr 13<sup>th</sup> Russ Gibson and Rick Wilson met with USDA-NRCS Program staff to help select watersheds for FY16 MRBI funding. Ohio EPA recommended the Paint Creek watershed which NRCS later selected.
- Apr 17<sup>th</sup> Russ Gibson met with Tom Curtin, Director of Preservation Parks of Delaware County to discuss potential funding options for acquiring, protecting and restoring property in southern Delaware County. Gibson referred Mr. Curtin to Ohio EPA's Division of Environmental and Financial Assistance (DEFA).
- Apr 20<sup>th</sup> Rick Wilson presented a Great Lakes Restoration Initiative (GLRI) program on innovative nutrient reduction practices at Hancock County SWCD.
- Apr 21<sup>st</sup> Rick Wilson and Russ Gibson participated in a tour of an innovative sediment collector at a farm in Sandusky River watershed. Also participating were representatives from the SWCD, Heidelberg National Water Quality Lab, Nature Conservancy and others.
- Apr 23<sup>rd</sup> Rick Wilson, Amy Jo Klei and Linda Merchant Masonbrink attended the spring DSW Water Quality Retreat at Highbanks Metroparks in Lewis Center, Ohio.
- Apr 24<sup>th</sup> Russ Gibson and Rick Wilson traveled to Van Tillburg farms in Mercer County to participate in a project kick off meeting with representatives from Pheasants Forever, Cooper Farms, and Van Tillburg Farms. Toured the project sites and discussed plans for moving forward and getting started. All are participants in the Maumee River Sediment Reduction Initiative funded under an FY14 GLRI grant.
- May 1<sup>st</sup> Rick Wilson attended a meeting of the central Ohio Greenways to provide a presentation on watershed planning and the need to update existing plans in order to comply with US EPA funding requirements.

- May 6<sup>th</sup> Rick Wilson participated on a conference call with the Indiana Department of Environmental Management to discuss the concept of Phosphorus-Risk Reduction project in Crawford County. Evidently IDEM is interested in implementing a similar project in Indiana.
- May 12<sup>th</sup> Russ Gibson and Rick Wilson met with USDA-NRCS Program staff to provide assistance with the selection of FY16 MRBI watersheds in Ohio.
- May 18 NPS Program Staff met with Tom Davenport from US EPA Region 5 to discuss critical areas and 9-element watershed planning updates that are needed as well as to discuss Lake Management workplan needs with Kevin Kratt of Tetrattech.
- May 19<sup>th</sup> Russ Gibson and Amy Jo Klei attended the Gulf of Mexico Hypoxia Task Force meeting conducted in Columbus.
- May 26<sup>th</sup> Rick Wilson and Russ Gibson participated in a steering committee meeting at Rural Action to continue progressing through planning of the Appalachian Ohio Regional Watershed Assistance initiative.
- May 27<sup>th</sup> Rick Wilson met with Greg Nageotte and an ad hoc watershed coordinator group to discuss the need for updates to watershed action plans, 9 minimum elements concerns as well as EPA Section 319 Grant Program guidance.
- Jun 23<sup>rd</sup> Rick Wilson and Russ Gibson met with Brian Gara and Jeff DeShon at DSW's Groveport Field Office to discuss opportunities for monitoring and evaluating wetland restoration projects funded under the 319 grant program and Surface Water Improvement fund grants.
- Jun 26<sup>th</sup> Rick Wilson and Linda Merchant-Masonbrink participated in the one-time reconvening of the Phosphorus Task Force. Rick also produced three stand-alone fact sheets for Nutrient Reduction GLRI Projects including the FY11 Lake Erie Nutrient Reduction Demonstration Project, Powell Creek and Upper Blanchard projects.
- Jun 26<sup>th</sup> Russ Gibson met with Becky McCleary of the city of Cuyahoga Heights to discuss feasibility of a stream restoration project on a tributary to the Cuyahoga River.
- Jul 9<sup>th</sup> Russ Gibson participated as Ohio EPA's representative on the Ohio Soil and Water Commission summer meeting conducted at Union County SWCD in Marysville, Ohio.
- Jul 14<sup>th</sup> Rick Wilson received cross training for baseline wetland evaluation with Ohio EPA wetland expert Brian Gara at the University of Findlay Reick Center. The project was funded under the Upper Blanchard River FY12 GLRI project.
- Jul 15<sup>th</sup> Appalachian Regional Watershed Initiative project kick-off meeting at Ohio University was attended by Rick Wilson and Russ Gibson.
- Jul 22<sup>nd</sup> Rick Wilson and Russ Gibson conducted site visits in northwest Ohio and participated in a meeting with northwestern Ohio watershed coordinators and ODNR's Greg Nageotte to discuss the feasibility of forming a Northwest OH Regional Watershed Assistance Center.
- Jul 29<sup>th</sup> Rick Wilson met with Bruce Cleland of Tetrattech to discuss progress on the Maumee River TMDL Implementation Plan and watershed planning concerns moving forward.
- Aug 13<sup>th</sup> Rick Wilson participated as Ohio EPA's representative to the USDA State Technical Committee on a bus tour of Grand Lake St Marys watershed project sites.

- Aug 13<sup>th</sup> Russ Gibson conducted site visits to several 319 and SWIF funded project sites in the Mill Creek watershed and general Cincinnati area. He also participated in a gathering of (and discussions with) the Mill Creek Watershed Council.
- Aug 17<sup>th</sup> Rick Wilson and Russ Gibson attended the USDA Western Lake Erie CEAP Stakeholder presentation at the University of Toledo. The presentation was sponsored by NRCS as a prelude to the broader Western Lake Erie Basin leadership meeting scheduled for the next day.
- Aug 24<sup>th</sup> Rick Wilson assisted the state of California's Water Board staff with assistance on how Ohio EPA and ODNR provided permitting for a lake management vendor (Algaeventures).
- Aug 25<sup>th</sup> Rick Wilson attended a meeting of the Great Miami River Joint SWCD Board to provide suggestions on nonpoint source implementation of targeted projects.
- Aug 26<sup>th</sup> Martha Spurbeck and Russ Gibson attended a "ribbon cutting" celebration at a stream restoration site in the city of Medina completed under provisions of #13(h)EPA-16.
- Aug 28<sup>th</sup> Rick Wilson assisted Central District Office (CDO) water quality staff with recon activities at Kiser Lake State Park. Kiser is one of the three lakes that CDO will be monitoring to assist Tetratex with the development of Lake Management Plans under contract to US EPA-Headquarters.
- Sept 3<sup>rd</sup> Martha Spurbeck, Russ Gibson and Rick Wilson conducted a GLRI grants orientation site visit with Ohio State University personnel and Albert Maag of Putnam County SWCD. Purpose of the meeting is to lay out subgrants administration and requirements as well as reporting and progress expectations.

**Table 3-1**  
Ohio Environmental Protection Agency  
Section 319(h) Projects NPS Pollution LOAD REDUCTIONS  
Total Annual Load Reductions-by Project Year since FFY2001\*

Project Year	Nitrogen (lbs./year)	Phosphorus (lbs./year)	Sediment (tons/year)	HSTS (gallons/day)
FFY 2001	294,422	133,404	106,899	66,520
FFY 2002	184,095	52,667	30,195	19,320
FFY 2003	19,771	7,488	50	164,150
FFY 2004	19,866	5,130	1,039	62,235
FFY 2005	18,679	7,494	3,392	129,960
FFY 2006	5,787	4,778	9,398	0
FFY 2007	5,057	2,580	2,425	0
FFY 2008	10,128	5,091	4,900	0
FFY 2009	36,145	23,875	11,482	0
FFY 2010	2,274	1,193	1,373	0
FFY 2011	4,510	2,024	1,903	0
FFY 2012	5,490	598	472	0
FFY 2013	2,349	826	775	0
FFY 2014	9,828	1,722	1,812	0
FFY 2015 est.	46,347	15,092	6,721	0
<b>TOTAL</b>	<b>664,748</b>	<b>263,962</b>	<b>182,836</b>	<b>442,185</b>

**Table 3-2**  
Ohio Environmental Protection Agency  
Section 319(h) Clean Water Act Grants  
NPS Pollution LOAD REDUCTIONS  
**FFY2001 Projects**

Federal Grant #C997550001  
Grant Closed 12/31/2004

Project Number	Project Sponsor	Cumulative Load Reductions to Date			
		Nitrogen (lbs/year)	Phosphorus (lbs/year)	Sediment (tons/year)	Home Sewage Treated (gallons/day)
01(h)EPA-16	Rivers Unlimited	85	43	597	0
01(h)EPA-19	Paint Creek Joint SWCD	228,314	106,678	91,593	4,680
01(h)EPA-20	Ohio Valley RC&D	15,826	5,995	0	24,120
01(h)EPA-22	Scioto River Federation	7,956	2,652	1,326	0
01(h)EPA-24	Miami County Health Department	1,471	557	0	23,800
01(h)EPA-25	Seneca County Health Department	959	361	0	7,920
01(h)EPA-28	Paint Creek Joint SWCD	31,696	13,058	9,715	0
01(h)EPA-29	Paint Creek Joint SWCD	8,114	4,060	3,668	6,000
		<b>294,422</b>	<b>133,404</b>	<b>106,899</b>	<b>66,520</b>

**Table 3-3**  
 Ohio Environmental Protection Agency  
 Section 319(h) Clean Water Act Grants  
 NPS Pollution LOAD REDUCTIONS  
**FFY2002 Projects**

Federal Grant #C997550002  
 Grant Closed 12/31/2005

Project Number	Project Sponsor	Cumulative Load Reductions to Date			
		Nitrogen (lbs/year)	Phosphorus (lbs/year)	Sediment (tons/year)	Home Sewage Treated (gallons/day)
02(h)EPA-06	Huron County SWCD	1,792	855	4	15,720
02(h)EPA-07	Rural Action, Inc.	433	164	0	3,600
02(h)EPA-08	Seneca County SWCD	56,792	29,113	19,166	0
02(h)EPA-11	OSU Extension Service	48,909	5,185	518	0
02(h)EPA-12	Ducks Unlimited	37,322	6,533	36	0
02(h)EPA-13	Greene County SWCD	22,017	10,493	10,451	0
02(h)EPA-14	Summit County Department of Environmental Services	13,797	0	0	0
02(h)EPA-15	Mill Creek Inc.	3,033	324	20	0
		<b>184,095</b>	<b>52,667</b>	<b>30,195</b>	<b>19,320</b>

**Table 3-4**  
Ohio Environmental Protection Agency  
Section 319(h) Clean Water Act Grants  
NPS Pollution LOAD REDUCTIONS  
**FFY2003 Projects**

Federal Grant #C997550003

Grant Closed 06/30/2006

Project Number	Project Sponsor	Cumulative Load Reductions to Date			
		Nitrogen (lbs/year)	Phosphorus (lbs/year)	Sediment (tons/year)	Home Sewage Treated (gallons/day)
03(h)EPA-04	Darke County Health Department	17,748	6,722	0	147,350
03(h)EPA-05	Cuyahoga County Health Department	2,023	766	0	16,800
03(h)EPA-07	City of Kent	0	0	50	0
		<b>19,771</b>	<b>7,488</b>	<b>50</b>	<b>164,150</b>

**Table 3-5**  
Ohio Environmental Protection Agency  
Section 319(h) Clean Water Act Grants  
NPS Pollution LOAD REDUCTIONS  
**FFY2004 Projects**

Federal Grant #C997550004

Grant Closed 06/30/2007

Project Number	Project Sponsor	Cumulative Load Reductions to Date			
		Nitrogen (lbs/year)	Phosphorus (lbs/year)	Sediment (tons/year)	Home Sewage Treated (gallons/day)
04(h)EPA-06	Clermont County SWCD	797	362	250	2,250
04(h)EPA-07	Washington County SWCD	0	0	48	0
04(h)EPA-08	Ohio Valley RC&D	12,825	2,403	741	7,920
04(h)EPA-12	WSOS Community Action Organization	6,244	2,365	0	51,840
		<b>19,866</b>	<b>5,130</b>	<b>1,039</b>	<b>62,235</b>

**Table 3-6**  
Ohio Environmental Protection Agency  
Section 319(h) Clean Water Act Grants  
NPS Pollution LOAD REDUCTIONS  
**FFY2005 Projects**

Federal Grant #C997550005  
Grant Closed 09/30/2008

Project Number	Project Sponsor	Cumulative Load Reductions to Date			
		Nitrogen (lbs/year)	Phosphorus (lbs/year)	Sediment (tons/year)	Home Sewage Treated (gallons/day)
05(h)EPA-06	Franklin County Metroparks	0	0	1,680	0
05(h)EPA-07	Delaware County Health Department	10,060	3,810	0	87,120
05(h)EPA-08	Mahoning County SWCD	40	21	21	0
05(h)EPA-11	Miami County Health Department	867	328	0	7,200
05(h)EPA-09	OKI Council of Governments-Mill Creek Watershed Project	1,043	522	454	0
05(h)EPA-12	Friends of Alum Creek & Tributaries	0	0	126	0
05(h)EPA-13	Highland County SWCD	1,040	394	0	8,640
05(h)EPA-14	TMACOG	3,253	1,231	0	27,000
05(h)EPA-26	The River Institute	1,186	593	516	0
05(h)EPA-27	Summit County	1,190	595	595	0
		18,679	7,494	3,392	129,960

**Table 3-7**  
Ohio Environmental Protection Agency  
Section 319(h) Clean Water Act Grants  
NPS Pollution LOAD REDUCTIONS  
**FFY2006 Projects**

Federal Grant #C997550006  
Grant Closed 10/31/2009

Project Number	Project Sponsor	Cumulative Load Reductions to Date			
		Nitrogen (lbs/year)	Phosphorus (lbs/year)	Sediment (tons/year)	Home Sewage Treated (gallons/day)
06(h)EPA-06	Miami County Soil & Water Conservation District	75	37	37	0
06(h)EPA-08	Little Beaver Creek Land Foundation	0	0	742	0
06(h)EPA-09	Northeast Ohio Four County Regional Planning & Development Organization	170	85	85	0
06(h)EPA-11	Muskingum County Soil & Water Conservation District	3,689	3,723	7,008	0
06(h)EPA-18	Cuyahoga County Board of Health	500	255	255	0
06(h)EPA-23	Five Rivers MetroParks	135	67	67	0
06(h)EPA-24	Greene County Soil & Water Conservation District	420	210	210	0
06(h)EPA-25	West Creek Preservation Committee	185	91	95	0
06(h)EPA-28	Holden Arboretum	0	0	600	0
06(h)EPA-31	Columbus & Franklin County MetroPark District	13	11	1	0
06(h)EPA-35	Five Rivers MetroParks	135	67	67	0
06(h)EPA-36	The River Institute	382	190	190	0
06(h)EPA-38	St. Marys Township	83	42	41	0
		<b>5,787</b>	<b>4,778</b>	<b>9,398</b>	<b>0</b>

**Table 3-8**  
Ohio Environmental Protection Agency  
Section 319(h) Clean Water Act Grants  
NPS Pollution LOAD REDUCTIONS  
**FFY2007 Projects**

Federal Grant #C997550007  
Grant Closed 06/30/2010

Project Number	Project Sponsor	Cumulative Load Reductions to Date			
		Nitrogen (lbs/year)	Phosphorus (lbs/year)	Sediment (tons/year)	Home Sewage Treated (gallons/day)
07(h)EPA-06	Greene County Sanitary Engineer	1,589	838	657	
07(h)EPA-08	The Nature Conservancy	1,480	738	738	0
07(h)EPA-13	The River Institute-Bath Township	230	114	114	0
07(h)EPA-15	The River Institute-Clover Groff	394	196	196	0
07(h)EPA-23	Warren County Soil & Water Conservation District	68	46	92	0
07(h)EPA-24	City of Delaware	1,296	648	628	0
		<b>5,057</b>	<b>2,580</b>	<b>2,425</b>	<b>0</b>

**Table 3-9**  
Ohio Environmental Protection Agency  
Section 319(h) Clean Water Act Grants  
NPS Pollution LOAD REDUCTIONS  
**FFY2008 Projects**

Federal Grant #C997550008  
Grant Closes 12/31/2011

Project Number	Project Sponsor	Cumulative Load Reductions to Date			
		Nitrogen (lbs/year)	Phosphorus (lbs/year)	Sediment (tons/year)	Home Sewage Treated (gallons/day)
08(h)EPA-06	Bainbridge Twp Trustees	556	278	278	0
08(h)EPA-11	Cuyahoga County SWCD	178	89	89	0
08(h)EPA-12	Lake County	100	50	50	0
08(h)EPA-16	Five Rivers MetroParks	135	67	67	0
08(h)EPA-18	City of Columbus/Recreation & Parks	553	277	276	0
08(h)EPA-19	The Nature Conservancy	600	300	300	0
08(h)EPA-22	Greene County Sanitary Eng. Dept.	1,412	734	583	0
08(h)EPA-24	Scioto River Valley Coalition	290	144	144	0
08(h)EPA-26	The River Institute	496	248	248	0
08(h)EPA-29	Village of Chagrin Falls	935	468	468	0
08(h)EPA-33	Holmes County SWCD	4,736	2,368	2,368	0
08(h)EPA-34	City of Oxford	15	8	8	0
08(h)EPA-35	Franklin County SWCD	122	60	21	0
		10,128	5,091	4,900	0

**Table 3-10**  
Ohio Environmental Protection Agency  
Section 319(h) Clean Water Act Grants  
NPS Pollution LOAD REDUCTIONS  
**FFY2009 Projects**

Federal Grant #C997550009  
Grant Closes 12/30/2014

Project Number	Project Sponsor	Cumulative Load Reductions to Date			
		Nitrogen (lbs/year)	Phosphorus (lbs/year)	Sediment (tons/year)	Home Sewage Treated (gallons/day)
09(h)EPA-07	Cuyahoga County Board of Health	340	170	170	0
09(h)EPA-10	Washington County SWCD	21,390	10,990	9,090	0
09(h)EPA-11	Brown County SWCD	888	7,623	483	0
09(h)EPA-13	City of Marysville	12	5	5	0
09(h)EPA-14	Metro Parks serving Summit County	472	402	804	0
09(h)EPA-16	City of Xenia	250	125	150	0
09(h)EPA-17	Village of New Albany	58	29	25	0
09(h)EPA-15	Mill Creek Watershed Partners	9,153	26	300	0
09(h)EPA-12	Mercer County SWCD	2,215	1,150	0	0
09(h)EPA-19	City of Reynoldsburg	685	349	207	0
09(h)EPA-18	ODNR/Parks & Recreation Division	0	1,500	0	0
09(h)EPA-23	ODNR/Parks & Recreation Division	0	1,259	0	0
09(h)EPA-22	Mill Creek MetroParks	2	0	0	0
09(h)EPA-20	University of Toledo	0	0	80	0
09(h)EPA-21	Olander Park System	300	125	53	0
09(h)EPA-26	Bath Township Trustees	230	114	114	0
09(h)EPA-28	ODNR/Parks & Recreation Division	15	3	1	0
09(h)EPA-27	Liberty Township	134	4	0	0
09(h)EPA-29	Ohio State University Chadwick Arboretum & Learning Gardens	1	1	0	0
		36,145	23,875	11,482	0

**Table 3-11**  
Ohio Environmental Protection Agency  
Section 319(h) Clean Water Act Grants  
NPS Pollution LOAD REDUCTIONS  
**FFY2010 Projects**

Federal Grant #C997550010  
Grant Closes 04/15/2015

Project Number	Project Sponsor	Cumulative Load Reductions to Date			
		Nitrogen (lbs/year)	Phosphorus (lbs/year)	Sediment (tons/year)	Home Sewage Treated (gallons/day)
10(h)EPA-07	City of Fremont	1,190	595	595	0
10(h)EPA-08	Geauga County Park District	506	235	235	0
10(h)EPA-10	Lake County Metroparks	150	150	300	0
10(h)EPA-11	Ohio University	0	0	0	0
10(h)EPA-14	City of Mason	3	1	1	0
10(h)EPA-17	City of Akron	9	4	4	0
10(h)EPA-18	West Creek Preservation Committee	39	20	50	0
10(h)EPA-20	Mercer County Commissioners	377	188	188	0
10(h)EPA-21	City of Pickerington	0	0	5	0
		<b>2,274</b>	<b>1,193</b>	<b>1,378</b>	<b>0</b>

**Table 3-12**  
Ohio Environmental Protection Agency  
Section 319(h) Clean Water Act Grants  
NPS Pollution LOAD REDUCTIONS  
**FFY2011 Projects**

Federal Grant #C997550010  
Grant Closes 10/15/2015

Project Number	Project Sponsor	Cumulative Load Reductions to Date			
		Nitrogen (lbs/year)	Phosphorus (lbs/year)	Sediment (tons/year)	Home Sewage Treated (gallons/day)
11(h)EPA-07	Bath Township Trustees	230	114	114	0
11(h)EPA-09	City of Springdale	211	105	105	0
11(h)EPA-10	Mayfield Village	1	0	1	0
11(h)EPA-11	Ursulines of Brown County	0	0	0	0
11(h)EPA-12	Toledo Div of Environmental Services	52	6	0	0
11(h)EPA-14	City of Aurora	475	138	138	0
11(h)EPA-18	Columbus Public Utilities Department	0	0	0	0
11(h)EPA-20	Westerville Parks and Recreation	64	23	7	0
11(h)EPA-21	Toledo Botanical Garden	2,677	1,338	1,338	0
11(h)EPA-31	Medina County Park District	500	300	200	0
11(h)EPA-47	Cuyahoga County SWCD	0	0	0	0
		<b>4,510</b>	<b>2,024</b>	<b>1,903</b>	<b>0</b>

**Table 3-13**  
Ohio Environmental Protection Agency  
Section 319(h) Clean Water Act Grants  
NPS Pollution LOAD REDUCTIONS  
**FFY2012 Projects**

Federal Grant #C997550012  
Grant Closes 10/15/2016

Project Number	Project Sponsor	Cumulative Load Reductions to Date			
		Nitrogen (lbs/year)	Phosphorus (lbs/year)	Sediment (tons/year)	Home Sewage Treated (gallons/day)
12(h)EPA-10	City of Wadsworth	19	1	1	0
12(h)EPA-18	Greene County Park District	2,043	0	0	0
12(h)EPA-19	City of Elyria	01,965	0	0	0
12(h)EPA-20	City of New Franklin	38	0	0	0
12(h)EPA-27	City of New Albany	73	22	6	0
12(h)EPA-28	Franklin County Metroparks	229	114	114	0
12(h)EPA-33	Metroparks Serving Summit County	234	118	118	0
12(h)EPA-36	Holden Arboretum	42	21	24	0
12(h)EPA-37	Franklin County SWCD	573	190	77	0
12(h)EPA-38	Ruffing Montessori School	6	1	1	0
12(h)EPA-40	Lake County Commissioners	259	129	129	0
12(h)EPA-42	City of Lima	7	1	1	0
12(h)EPA-43	Cleveland Port Authority	2	1	1	0
		<b>5,490</b>	<b>598</b>	<b>472</b>	<b>0</b>

**Table 3-14**  
Ohio Environmental Protection Agency  
Section 319(h) Clean Water Act Grants  
NPS Pollution LOAD REDUCTIONS  
**FFY13 Projects**

Federal Grant #C997550013  
Grant Closes 06/30/2016

Project Number	Project Sponsor	ESTIMATED Load Reductions Expected			
		Nitrogen (lbs/year)	Phosphorus (lbs/year)	Sediment (tons/year)	Home Sewage Treated (gallons/day)
13(h)EPA-06	Anderson Township Park District	35	0	18	0
13(h)EPA-08	Clermont County Engineer's Office	230	114	17	0
13(h)EPA-09	City of Willoughby	30	14.7	14.7	0
13(h)EPA-14	Waterloo Neighborhood Northeast Shores Development Corp.	2	0	0.2	0
13(h)EPA-16	City of Medina	1561	321	94	0
13(h)EPA-19	City of Gahanna	141	75.6	75.6	0
13(h)EPA-20	Mercer County Commissioners	377	188	188	0
13(h)EPA-21	City of Hilliard	158	83	61	0
13(h)EPA-22	Mill Creek Watershed Council of Comms.	19	3	2.1	0
		2,553	799	471	0

**Supplemental FFY13 Projects**

Project Number	Project Sponsor	ESTIMATED Load Reductions Expected			
		Nitrogen (lbs/year)	Phosphorus (lbs/year)	Sediment (tons/year)	Home Sewage Treated (gallons/day)
13(h)EPA-S07	Akron Zoological Park	4	1	0.5	0
13(h)EPA-S12	Lake County Stormwater Mgmt. Dept.	15	1	0.5	0
13(h)EPA-S05	City of Ravenna	3.0	0	0.2	0
13(h)EPA-S11	Holden Arboretum	12	6	6	0
13(h)EPA-S16	Butler County Water & Sewer	520	260	227	0
13(h)EPA-S09	West Creek Preservation Committee	446	75	17.9	0
13(h)EPA-S13	City of Pepper Pike	2.5	0.7	0.9	0
13(h)EPA-S17	City of Reynoldsburg	26	8	1.4	0
13(h)EPA-S06	Village of Brooklyn Heights	8	1	0.5	0
		1,036.5	1,134	254.9	0

**Table 3-15**  
Ohio Environmental Protection Agency  
Section 319(h) Clean Water Act Grants  
NPS Pollution LOAD REDUCTIONS  
FFY14 Projects

Federal Grant #C997550014  
Grant Closes 06/30/2017

Project Number	Project Sponsor	ESTIMATED Load Reductions Expected			
		Nitrogen (lbs/year)	Phosphorus (lbs/year)	Sediment (tons/year)	Home Sewage Treated (gallons/day)
14(h)EPA-06	City of Springfield	1	0	1	0
14(h)EPA-10	City of Delaware Public Utilities Dept.	3	1	1	0
14(h)EPA-12	City of Stow	2,219	1,105	1,269	0
14(h)EPA-13	City of Lancaster	19	2	1	0
14(h)EPA-14	Rural Action, Inc.	0	0	0	0
14(h)EPA-18	Village of Reminderville	21	4	1	0
14(h)EPA-19	Madison Village	20.7	10	12	0
14(h)EPA-20	City of Huron	32	5	2	0
14(h)EPA-24	Ottawa Soil & Water Conservation District	7,275	460	352	0
14(h)EPA-25	City of Solon	118	59	59	0
14(h)EPA-26	Cleveland Metroparks	40	12	4	0
14(h)EPA-27	City of Rocky River	31	31	4	0
14(h)EPA-28	City of Broadview Heights	64	32	32	0
14(h)EPA-30	City of Fairview Park	15	1	0.5	0
		9,859	1,722	1,739	0

**Table 3-16**  
Ohio Environmental Protection Agency  
Section 319(h) Clean Water Act Grants  
NPS Pollution LOAD REDUCTIONS  
**FFY15 Projects**

Federal Grant #C997550015  
Grant Closes 06/30/2018

Project Number	Project Sponsor	ESTIMATED Load Reductions Expected			
		Nitrogen (lbs/year)	Phosphorus (lbs/year)	Sediment (tons/year)	Home Sewage Treated (gallons/day)
15(h)EPA-09	City of Gahanna	0	0	1	0
15(h)EPA-14	GLSM Lake Authority	4,052	992	0	0
15(h)EPA-15	Springfield Township	77	38	38	0
15(h)EPA-16	Clermont County SWCD	12	5	7	0
15(h)EPA-18	City of Lakewood	239	92	176	0
15(h)EPA-19	Bainbridge Township	2	1	1	0
15(h)EPA-20	Olmsted Falls	8	1	1	0
15(h)EPA-23	Village of Marshallville	1	1	10	0
15(h)EPA-25	City of Blue Ash	105	35	31	0
15(h)EPA-27	Cleveland Metroparks	2,445	341	265	0
15(h)EPA-28	Wood County SWCD	3,798	1,426	796	0
15(h)EPA-29	Defiance County SWCD	34,554	11,633	4,065	0
15(h)EPA-32	City of Mason	1,454	530	530	0
		46,747	15,095	5,921	0

**Table 4.1**  
**Ohio Environmental Protection Agency**  
**Total Maximum Daily Load (TMDL) Status**

Updated through 9/30/15

- Cuyahoga River—Approved 2000
- Rocky River—Approved 2001
- Little Miami River—Approved 2002
- Bokes Creek—Approved 2003
- Sugar Creek—Approved 2003
- Raccoon Creek—Approved 2003
- Mill Creek (Scioto Basin)—Approved 2003
- East Fork Duck Creek—Approved 2003
- Cuyahoga River (Tinker’s Creek)—Approved 2003
- Stillwater River—Approved 2004
- Auglaize River—Approved 2004
- Sandusky River—Approved 2004
- Mill Creek—Approved 2005
- Lake Erie Tributaries (below Huron to above Vermillion River)—Approved 2005
- Monday Creek—Approved 2005
- Big Walnut Creek—Approved 2005
- Lake Erie Tributaries (east of Cuyahoga to west of Grand River)—Approved 2005
- West Branch Huron River—Approved 2005
- Little Beaver Creek—Approved 2005
- Sunday Creek—Approved 2006
- Big Darby Creek—Approved 2006
- Toussaint Creek—Approved 2006
- Wakatomika Creek—Approved 2006
- Sugar Creek—Approved 2007
- Chagrin River—Approved 2007
- Olentangy River—Approved 2007
- Beaver Creek & Grand Lake St. Mary’s— Approved 2007
- Leading Creek—Approved 2008
- Black River—Approved 2008
- Nimishillen Creek—Approved 2008
- Powell Creek—Approved 2008
- Blanchard River—Approved 2009
- Salt Creek—Approved 2009
- Tuscarawas River—Approved 2009
- Stillwater River (revised)—Approved 2009
- Hocking River—Approved 2009
- Swan Creek—Approved 2010
- Mad River—Approved 2010
- White Oak Creek—Approved 2010
- Twin Creek—Approved 2010
- Yellow Creek—Approved 2010
- Walnut Creek—Approved 2010
- Salt Creek—Approved 2011
- Lower Little Miami River—Approved 2011
- Portage River—Approved 2011
- Upper Mahoning River—Approved 2011
- Scioto Brush Creek—Approved 2011
- Lower Grand River—Approved 2012
- Upper Great Miami River—Approved 2012
- Paint Creek—Approved 2012
- Maumee River (lower) Tribs & Lake Erie Tribs— Approved 2012
- Grand (upper)—Approved 2014
- Moxahala Creek—Approved 2014
- Ottawa River (Lima area) –Approved 2014
- Sandusky (Lower) and Bay Tribs—Approved 2014

**Table 4.2**  
**Ohio Environmental Protection Agency**  
**State Fully Endorsed Watershed Plans**  
 Updated through 9/30/15

- Arcola Creek
- Black River
- Blacklick Creek
- Bokes Creek
- Captina Creek
- Chagrin River
- Doan Brook
- Duck Creek
- Euclid Creek
- Federal Creek
- Headwaters (East Fork Little Miami River)
- Honey Creek
- Honey Creek (Sandusky)
- Huff Run
- Indian Lake
- Kokosing River
- Lake Tributaries East Fork Little Miami River
- Leading Creek
- Little Beaver
- Lower Alum Creek
- Lower Big Walnut
- Lower East Fork Little Miami River
- Lower Mad River
- Lower Mill Creek
- Lower Olentangy
- Meigs Creek
- Middle Cuyahoga River
- Middle Fork East Fork Little Miami River
- Mill Creek (Mahoning River)
- Mill Creek (Ohio River)
- Mill Creek (Scioto River)
- Monday Creek
- Nimishillen Creek
- Old Woman Creek
- Outlet / Lye Creek
- Paint Creek
- Portage River
- Raccoon Creek Headwaters
- Riley Creek
- Rocky Fork
- Rocky River
- Salt Creek
- Southern Watershed (Lower Muskingum River)
- Stillwater River
- Stonelick Creek
- Sunday Creek
- Tiffin (Sandusky)
- Tinkers Creek
- Todds Fork
- Twin Creek
- Upper Big Walnut Creek
- Upper Grand River
- Upper Maumee River
- Upper Olentangy
- Upper Scioto
- Wabash/Grand Lake St Marys
- West Creek
- White Oak Creek
- Wolf Creek
- Yellow Creek (Mahoning)

**Table 4.3**  
Ohio Environmental Protection Agency  
Section 319(h) Clean Water Act Grants  
**State Conditionally Endorsed Watershed Plans**  
**\*Conditionally endorsed plans do not meet all 9-required elements\***  
Updated through 9/30/15

Lower Grand River

Mentor Marsh

Raccoon Creek

Mad River