Surface Water Improvement Grants
Sample Projects

Ohio Environmental Protection Agency
Division of Surface Water
Nonpoint Source Program
50 West Town Street, Suite 700
Columbus, Ohio 43216-1049

John Kasich, Governor
Mary Taylor, Lt. Governor
Scott Nally, Director

Ohio Environmental Protection Agency
Division of Surface Water

#10SWIF-012

Permeable Parking Lot and Public Rain Garden Demonstration

Project Sponsor
Bath Township Trustees
Surface Water Improvement
$34,560 SWIF Funds

Local Project Contact
Michael Rorar
Bath Township Parks
P.O. Box 1188
Bath, OH 44210

Environmental Results

Installed 360 square feet of permeable pavement as part of parking lot retrofit at township office complex

Installed 3200 square feet of community rain garden and stormwater infiltration area

Conducted extensive education and outreach

Ohio Environmental Protection Agency

Division of Surface Water
Nonpoint Source Program
614-644-2020

#10SWIF-066

Miller Valley Wetland Restoration at the Wilds

Project Sponsor
The Wilds
Surface Water Improvement
$141,736 SWIF Funds

Local Project Contact
Shana Byrd
The Wilds
14000 International Road
Cumberland, OH 43732

Environmental Results

Restored 20 acres of wetland including the treatment/removal of invasive plant species, planting native species and installing a water control structure

Ohio Environmental Protection Agency

Division of Surface Water
Nonpoint Source Program
614-644-2020

#10SWIF-044

Dublin Community Recreation Center- Green Roof Demonstration Project

Project Sponsor
City of Dublin
Surface Water Improvement
$50,650 SWIF Funds

Local Project Contact
Michelle Crandall
City of Dublin
5200 Emerald Parkway
Dublin, OH 43107

Environmental Results

Installed 2300 square feet of a green roof plant system on the city's Recreation Center building

Installed 2 rainwater harvesting systems to use for watering the green roof

Ohio Environmental Protection Agency

Division of Surface Water
Nonpoint Source Program
614-644-2020

#10SWIF-118

Demonstration Rain Garden at Mill Creek Metroparks Farm

Project Sponsor
Mill Creek Metroparks
Surface Water Improvement
$10,850 SWIF Funds

Local Project Contact
Kirsten Peetz
Mill Creek Metroparks
7574 Columbiana-Canfield Rd.
Canfield, OH 44406

Environmental Results

2,300 ft^2 of community scale rain garden demonstration area installed at the Metroparks visitors farm.

Conducted a project specific public education and outreach program including the development of press releases, installation of an interpretive sign and 2 rain garden workshops.

Ohio Environmental Protection Agency

Division of Surface Water
Nonpoint Source Program
614-644-2020

#10SWIF-SEP-02

Ponderosa Park Resort Lake Dam Removal

Project Sponsor
Division of Soil & Water
Surface Water Improvement
$27,000 SWIF Funds
$27,000 Local Match

Local Project Contact
David Hanselmann
Division of Soil & Water
2045 Morse Road
Columbus, OH 43229

Environmental Results

Breached 21-foot high Ponderosa Lake Dam and drained impoundment

Allowed natural vegetation to restore the former lake bed immobilizing sediments

Ohio Environmental Protection Agency

Division of Surface Water
Nonpoint Source Program
614-644-2020

#10SWIF-127

Riverside Park Permeable Parking Lot

Project Sponsor
Anderson Twp Park District
Surface Water Improvement
$150,000 SWIF Funds

Local Project Contact
Mike Smith
Anderson Twp Park District
8249 Clough Pike
Cincinnati, OH 43244

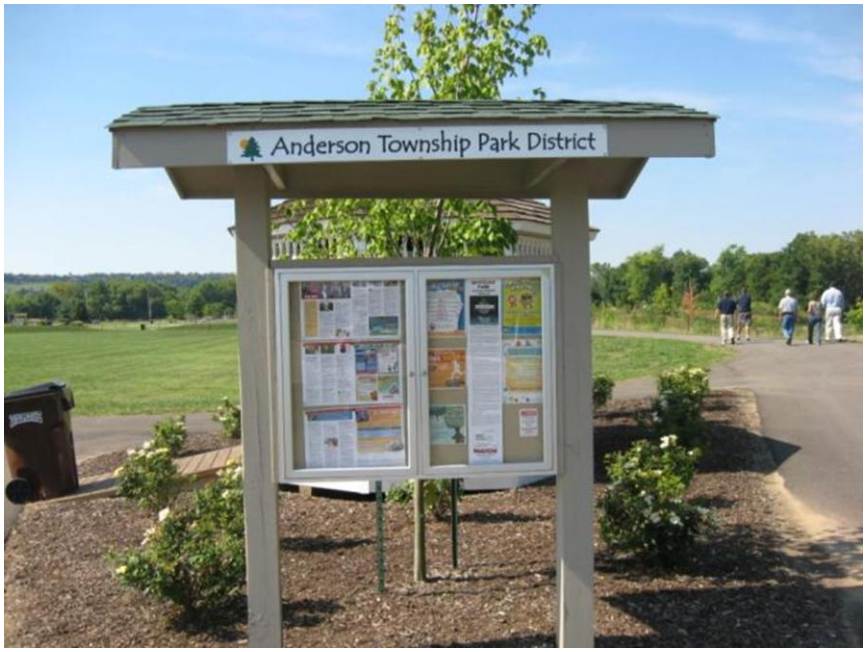
Environmental Results

Installed 40,000 square feet of pervious pavers at Riverside Park in Anderson Township

Install a project sign highlighting the project and SWIF grant as a funding source

Ohio Environmental Protection Agency

Division of Surface Water
Nonpoint Source Program
614-644-2020



#10SWIF-53

Echo Hills Municipal Golf Course Stream Restoration

Project Sponsor
City of Piqua
Surface Water Improvement
$149,484 SWIF Funds

Local Project Contact
Amy Havenar, City Engineer
City of Piqua
201 W. Water Street
Piqua, OH 45356

Environmental Results

Restored and stabilized more than 930 linear feet of seriously eroding and degraded stream

Installed J-hooks, grade controls and other habitat structures within the stream

Planted 100 native trees and 250 native shrubs

Ohio Environmental Protection Agency

Division of Surface Water
Nonpoint Source Program
614-644-2020

#10SWIF-CUY-049

North Olmsted City Hall Parking Lot Stormwater Demonstration Project

Project Sponsor
City of North Olmsted
GLRI/SWIF Funding
$196,028 SWIF Funds

Local Project Contact
Kimberly Wegner, City Planner
City of North Olmsted
5200 Dover Center Road
North Olmsted, OH 44070

Environmental Results

6700 ft^2 of pervious pavement parking bays were installed at city hall visitor parking areas.

1281 ft^2 of vegetated and shaded island bio-swales were installed.

Displays, project specific signage were installed and project website completed.

Great Lakes RESTORATION

Ohio Environmental Protection Agency

Division of Surface Water
Nonpoint Source Program
614-644-2020

#10SWIF-CUY-034

Mayfield Heights Green Infrastructure Demonstration

Project Sponsor
City of Mayfield Heights
Surface Water Improvement
$231,900 SWIF Funds

Local Project Contact
David McCallops, City Engineer
City of Mayfield Heights
6154 Mayfield Road
Mayfield Heights, OH 44124

Environmental Results

2,215 ft^2 of pervious concrete parking bays were installed at city hall visitor parking areas.

415 ft^2 of community scale rain garden demonstrations installed in front of city hall.

1,475 ft^2 of vegetated and shaded island bio-swales were installed in conjunction with 1,620 ft^2 pervious pavement strip in service garage area.

Great Lakes RESTORATION

Ohio Environmental Protection Agency

Division of Surface Water
Nonpoint Source Program
614-644-2020

#10SWIF-CUY-047

Shaker Lakes Wetland Restoration

Project Sponsor
Nature Center at Shaker Lakes
Surface Water Improvement
$78,664 SWIF & GLRI Funds

Local Project Contact
Kay Carlson
Nature Center at Shaker Lakes
2600 South Park Blvd.
Cleveland, OH 44120

Environmental Results

Removed invasive species (narrow leaf cattail) from 5 acres of wetland areas.

Replanted native trees, shrubs and other wetland plant species.

Recruited and mobilized 75 volunteers providing more than 2,000 hours of labor planting native wetland plant species and removing non-native invasives.

Great Lakes RESTORATION

Ohio Environmental Protection Agency

Division of Surface Water
Nonpoint Source Program
614-644-2020

#10SWIF-CUY-102

Cumberland Park Parking Lot Retrofit

Project Sponsor
City of Cleveland Heights
Surface Water Improvement
$232,074 SWIF & GLRI Funds

Local Project Contact
Richard Wong, Planning Director
City of Cleveland Heights
40 Severance Circle
Cleveland Heights, OH 44118

Environmental Results

Installed 250 ft^2 of permeable pavers and reduced impervious areas by 13,700 ft^2

Redesigned drainage and installed nearly 6,000 ft^2 of bio-filtration islands.

The city conducted a comprehensive education and outreach program including 3 signs, a project specific website and field days with area high school nature study program.

Great Lakes RESTORATION

Ohio Environmental Protection Agency

Division of Surface Water
Nonpoint Source Program
614-644-2020