



FFY16 Section 319(h) Subgrant Project Summaries

The following summaries describe projects that were received, reviewed and selected for section 319(h) subgrant funding by Ohio EPA. These projects have been identified during the course of the review as having met Section 319(h) eligibility requirements and were evaluated based upon the highest potential to improve water quality within their respective watershed areas.

#16(h)EPA-09 (Ohio River)

Holmes County SWCD
62 West Clinton Street
Millersburg, Ohio 44654
Holmes County

Federal Amount:	\$163,648	Local Match:	\$124,852
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Continuing Water Quality Efforts in the South Fork of the Sugar Creek

FY 2016 Section 319(h) Nonpoint Source grant funding is requested to install 35 structural conservation practices on seven farms where there is a clear need for improvements. These structural practices include the following types designed to: eliminate manure and parlor water discharges from milking parlors, provide vegetated filter areas, improve and/or install heavy use pads and access lanes, install exclusion fencing, and provide alternate water supplies. This project is designed to build upon past successful efforts water quality-focused efforts in the South Fork of Sugar Creek where there is a community (Amish) that historically has not had interest in participating in government-sponsored conservation programs. Outreach conducted by the SWCD has eased landowner concerns and resulted in identifying participating farmers.

This project is being implemented consistent with recommendations within the South Fork of Sugar Creek TMDL and/or state-endorsed Watershed Action Plan.

#16(h)EPA-10 (Ohio River)

City of Wyoming
800 Oak Avenue
Wyoming, Ohio 45215
Hamilton County

Federal Amount:	\$186,131	Local Match:	\$124,852
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Cilley Creek Stream Restoration at Stearns Woods

The Cilley Creek stream restoration project at Stearns Woods will result in the removal of one small concrete dam, natural channel restoration of 400 linear feet of degraded stream channel, and the restoration of more than 2000 linear feet of natural flow and hydrology. Bioengineering methods will be used to stabilize and restore severely eroding streambanks and in-stream structures such as rock bank treatments will be used to control channel gradient, prevent down cutting and dissipating stream energy. The project will also restore 3

acres currently infested with invasive species and replant with native trees and shrubs. This project is specifically recommended in the state endorsed Lower Mill Creek Watershed Action Plan (p.273).

#16(h)EPA-13 (Ohio River)

City of Cincinnati
801 Plum Street #130
Cincinnati, Ohio 45202
Hamilton County

Federal Amount: \$307,443 Local Match: \$124,087

Mill Creek Low-Head Dam Modification

The negative water quality impacts of two lowhead dams on the Mill Creek will be eliminated as a result of this project. The city of Cincinnati will install rock riffles immediately adjacent to the downstream edge of these two dams. Removal is not an option due to the wastewater and water infrastructure that are contained within the lowhead structures. Rock riffles will eliminate the current water quality impacts by restoring fish passage, improving aeration of the stream, restore naturalized sediment transport and remove existing navigational hazards for recreational canoeists. These projects are part of a much larger effort to restore the highly modified Mill Creek as it flows through the city of Cincinnati. The project is consistent with habitat restoration recommendations within the Mill Creek/West Fork TMDL and the state endorsed Lower Mill Creek Watershed Action Plan.

#16(h)EPA-14 (Lake Erie)

West Creek Conservancy
PO Box 347113
Parma, Ohio 44134-7113
Cuyahoga County

Federal Amount Requested: \$250,000 Local Match: \$188,550

Central Lake Erie Basin Collaborative Implementation Project

The Central Lake Erie Basin Collaborative consists of a group of 17 northern Ohio watershed organizations that work cooperatively on events and water quality projects with local organizations whose missions include preservation and effective watershed stewardship. FY16 Section 319(h) subgrant funding is requested to organize and manage a central Lake Erie basin Implementation Network that will result in more (and better) implementation projects within the central Lake Erie basin. This project is designed to provide critical support to multiple communities, watershed groups and other organizations in watersheds throughout the central Lake Erie basin.

#16(h)EPA-16 (Lake Erie)

City of Cuyahoga Falls
2310 Second Street
Cuyahoga Falls, Ohio 44221
Summit County

Federal Amount: \$133,299 Local Match: \$96,527

Phase II Stream Restoration of Kelsey Creek in Kennedy Park

Successful completion of this project will result in the restoration of 750 linear feet of stream channel, installation of sediment control structures, and instream grade structures. The project will also treat invasive species and plant native grasses, trees, shrubs and/or live stakes throughout the project area. Kelsey Creek is a

headwater stream and tributary of the Cuyahoga River flowing through a heavily visited city park within Cuyahoga Falls. There is a Middle Cuyahoga River TMDL and a watershed action plan in development. The project is consistent with recommended actions within the TMDL.

#16(h)EPA-17 (Lake Erie)

City of Fairview Park
20777 Lorain Road
Fairview Park, Ohio 44126-2018
Cuyahoga County

Federal Amount: \$265,612 Local Match: \$177,076

Coe Creek Daylighting and Stream & Habitat Restoration Project

Fairview Park is requesting funding to assist with the day-lighting of 175 linear feet of culverted section of Coe Creek. Using natural channel design methods, the day-lighted section of the creek will be restored to a 200 linear feet natural channel. Coe Creek is a tributary to the Rocky River and ultimately to the central basin of Lake Erie. Using installed grade structures and the planting of native trees, shrubs and live stakes throughout the restored riparian areas, the project will result in improved water quality and natural flow conditions within Coe Creek for a total of nearly 8,000 linear feet. This project is being implemented consistent with recommendations within the Rocky River TMDL and state-endorsed Watershed Action Plan.

#16(h)EPA-19 (Lake Erie)

Village of Hunting Valley
38251 Fairmount Blvd.
Chagrin Falls, Ohio 44022
Cuyahoga County

Federal Amount: \$243,000 Local Match: 162,200

Marcourt Farms Chagrin River Restoration Project

The village of Hunting Valley will stabilize approximately 500 linear feet of the mainstem of the Chagrin River and restore one acre of riparian areas with native plantings. The project will result in the installation of six bendway weir structures that will redirect the stream flow energy away from the bank and the streambank will be restored to a 3:1 slope. All plantings will be native trees, shrubs and grasses. This project is being implemented consistent with recommendations within the Chagrin River TMDL and state-endorsed Watershed Action Plan.

#16(h)EPA-23 (Lake Erie)

Putnam County Soil & Water Conservation District
1206 East Second Street, Suite 2
Ottawa, OH 45875
Putnam County

Federal Amount: \$285,638 Local Match: \$211,101

Sediment and Nutrient Reduction in the Deer Creek-Blanchard River Watershed

FY 2016 Section 319(h) Nonpoint Source grant funding is requested to target agricultural best management practices within the HUC 12 Deer Creek subwatershed within the Blanchard River watershed. The Blanchard River watershed has been priority watershed for nutrient reduction work by US EPA, NRCS and others. Ohio EPA received an FY12 GLRI grant to provide more than \$600,000 in nutrient reduction activity within the Lye Creek subwatershed in Hancock County. The proposed project identifies three main activities/practices that

will use the large majority of the grant funds, if awarded. These practices include 4,700 acres of cover crops, 5,300 acres converted to conservation tillage and 2,100 acres enrolled to receive a Precision Nutrient Management Plan. The project will also include installation of tile control structures, blind inlets, saturated buffer and conduct project specific education and outreach activities.

#16(h)EPA-25 (Lake Erie)

Lorain County Community Development Department
226 Middle Avenue, 5th Floor
Elyria, Ohio 44035
Lorain County

Federal Amount:	\$295,000	Local Match:	\$392,894
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Clinton Avenue Ditch Stream and Wetland Restoration Project

This project will restore approximately 1,950 linear feet of stream channel and riparian areas within an unnamed tributary to the Black River on property owned by the city of Lorain. The project will restore a meandering channel and reconnect the stream to existing floodplain wetland areas. Restoration activities include installation of erosion/sediment control structures, instream grade structures, treating invasive species and planting of native grasses, trees, shrubs and/or live stakes, constructing inlet/outlet channels and reconnecting the wetlands to the stream. Implementation of this project is consistent with recommendations within the Black River TMDL and the Black River Area of Concern Remedial Action Plan.

#16(h)EPA-27 (Lake Erie)

Cleveland Metroparks
4101 Fulton Parkway
Cleveland, Ohio 44144-1923
Medina County

Federal Amount:	\$81,373	Local Match:	54,249
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Marrek Pond Dam Removal and Wetland Restoration

FY 2016 Section 319(h) NPS grant funding is requested to restore this stream and to reestablish the natural hydrology and functionality of the stream including dam removal, draining of Marrek pond, restoration of 640 linear feet of stream, restoration of 0.9 acre of wetlands, and enhancement of 0.4 acre of existing wetlands. Before the pond is drained, Cleveland Metroparks staff will remove all desirable fish species from the pond for use at other fishing areas throughout Cleveland Metroparks. This project is being implemented consistent with recommendations within the Rocky River East Branch TMDL and state-endorsed Watershed Action Plan.