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Advancing Watershed Protection Through Land Conservation:

Eligibilities & Approaches in the Clean Water Act Section 319 Program

Clean Water Act Section 319

Congress enacted Section 319 of the Clean Water Act in 1987, establishing a <u>national program</u> to control nonpoint sources of water pollution. Through Section 319, the U.S. Environmental Protection Agency awards grant funding to states, territories and Tribes to implement their nonpoint source

programs. NPS programs can include regulatory or nonregulatory programs, technical assistance, financial assistance, education, training, technology transfer, watershed projects and monitoring to assess the success of specific NPS implementation projects. Collectively, this work has restored over 12,300 miles of rivers and streams and over 230,000 acres of lakes and other waters across the United States.

Nonpoint source pollution, unlike pollution from industrial and sewage treatment plants, comes from many diffuse sources. NPS pollution is caused by rainfall or snowmelt moving over and through the ground. As the runoff moves, it picks up and carries away natural and human-made pollutants, finally depositing them into lakes, rivers, streams, wetlands, coastal waters and ground waters.

How NPS Programs Work

Each state implements its NPS program consistent

with an EPA-approved NPS Management Program Plan. States implement their NPS program with Section 319 funding support, which ranges from approximately \$1 million to \$9 million per state per year based on the EPA's national allocation formula. States are required to provide 40 percent nonfederal cost share/match to their Section 319 grant. Match funds are subject to the same eligibility restrictions as Section 319 funds. Each state must use at least 50 percent of its Section 319 grant for local projects that support the implementation of watershed-based plans, or WBPs. Most states issue annual, competitive requests for proposals from local partners to implement Section 319-funded watershed projects. Consistent with EPA guidance, states primarily target Section 319 funding to

restore waterbodies impaired by NPS pollution. States may also use Section 319 funds to protect healthy waters, consistent with the goals of their NPS Management Program Plan. Land conservation can play a key role in efforts to protect healthy waters threatened by NPS pollution, as well as complement work to restore NPS-impaired waters.

Land conservation refers to the long-term protection and management of undeveloped lands to maintain conservation benefits such as water quality protection, wildlife habitat or recreation.

Who is working to conserve lands?

There are many non-governmental and governmental entities across the United States working to conserve lands. According to the <u>Land Trust Alliance</u>, there are an estimated 1,200 land trusts nationwide. See the EPA's <u>Guide for Land Trusts: Advancing Watershed Protection through Land Conservation</u> for more information about the critical role of land trusts in protecting and restoring waters.

Land Conservation Eligibilities in the Clean Water Act Section 319 Program

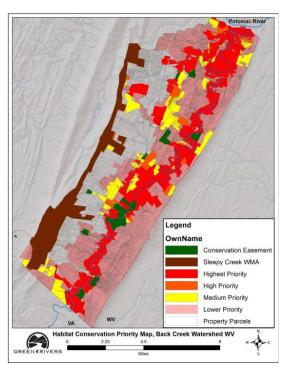
Land conservation can help achieve water quality goals by preserving natural areas, such as forests, riparian areas and wetlands that serve as natural filters for NPS pollutant loadings across the landscape. Additionally, land conservation can prevent local land use changes that may result in higher NPS pollutant loadings.

Section 319 funds may be used to support the following land conservation approaches, provided these approaches are consistent with a state's EPA-approved NPS Management Program Plan. Administrative and legal costs associated with land conservation projects may be eligible for Section 319 funding. Please note that the following definitions are provided for general informational purposes only, and states and subrecipients should consult their state and local laws for any applicable legal definitions of these terms:

- **Purchase of Conservation Easements:** A voluntary legal agreement that permanently restricts development of a property to protect identified conservation benefits. Landowners retain the right to own, use and sell the parcel, consistent with the terms of the conservation easement.
- Leasing of Land: A legal arrangement in which a landowner acting as lessor rents land to a tenant acting as lessee.
- Fee Simple Land Purchase: The purchase of complete ownership of land with the right to possess,
 - use and dispose of the land at will, subject to any recorded restrictions, such as easements, and applicable property laws, such as local zoning ordinances.

Note that if a property purchased using Section 319 funds will be later sold and no longer used for its land conservation purpose consistent with the Section 319 grant, federal property disposition requirements may apply to a subrecipient's sale of the property. See 2 CFR 200.311. On existing conserved lands, Section 319 funds can also be used to implement NPS projects that protect or improve water quality such as managing runoff, restoring stream channels and riparian areas, and tree plantings. Because each state identifies its NPS program priorities, the funding of eligible projects may vary according to the priorities of each state.

When purchased with non-federal funds or donated by a landowner, the value of conserved lands (i.e., conservation easement value, or total land value) may be used to meet the Section 319



West Virginia's <u>Back Creek Watershed Protection Plan</u> identifies priority forest parcels for protecting water quality and ecological assets, as well as prevent increased flooding and erosion.

non-federal match requirement. Easements are generally considered to be a type of interest in real property and can be used as in-kind match. See the federal grant regulations in <u>2 CFR 200.306</u> for specifics on cost-sharing. As with other in-kind contributions, the monetary value of the easement would need to be calculated to be counted towards non-federal match.

Land Conservation Projects in the Clean Water Act Section 319 Program

Since 2004, 18 states have reported more than 900 conservation easements to the EPA's <u>Section 319</u> <u>Grants Reporting and Tracking System (GRTS)</u>, representing more than 100,000 land acres protected with Section 319 grants, match funds and/or other leveraged funding. Lands protected through these projects have included forests, wetlands, riparian areas, shorelines and agricultural land.

Table 1: Land Conservation Project
Data reported to the EPA's CWA 319
Grants Reporting and Tracking System
(2004 – 2024)

	Number of	Total Land
State	Conservation	Acres
	Easements ¹	Protected ²
SD	738	74,239.8
MI	128	12,635.1
ОН	40	977.4
МО	8	630.0
IA	6	334.0
VT	7	297.0
NE	6	2,267.1
SC	6	573.0
WV	4	254.2
KY	3	500.8
ND	2	131.5
OK	2	1,168.0
WA	3	179.3
KS	1	8,000.0
MN	1	
NC	1	2.0
NM	1	40.0
UT	1	23.0

Getting Started Tips: Incorporating Land Conservation in NPS Work

Learn where land conservation efforts are underway within your state and who is leading them.

- The <u>Protected Areas Database (PAD-US)</u> is the official national inventory of protected areas.
- The Land Trust Alliance's <u>Find A Land Trust</u> tool provides information on land conservation organizations by location, conservation priorities, acres protected and other filters.

Consider how land conservation can help achieve goals outlined in your <u>State NPS Management</u>

<u>Program Plan.</u> Want to learn how states are currently incorporating land conservation in their plans?

<u>Michigan</u>, <u>Ohio</u>, and <u>South Carolina</u> are good places to start!

Encourage local partners to incorporate land conservation in WBPs, where appropriate.

- Identify priority parcels, based on their ability to protect waters (e.g., proximity to waterbodies, development threat).
- Quantify NPS pollutant loads that can be prevented by conserving lands with <u>EPA's</u> <u>Pollutant Load Estimation Tool</u>.

Explore partnerships to augment funding for land conservation, such as the <u>Clean Water SRF Program</u>, <u>Drinking Water SRF Program</u>, and <u>USDA-NRCS</u>
Easement Programs.

¹ Project data were downloaded from EPA's Grants Reporting and Tracking System on August 19, 2024. Table counts include all GRTS projects with "Conservation Easement" and/or "Land Acquisition for Wetland Restoration" as BMP(s) t ² GRTS users may enter units associated with land conservation projects as Total Land Area Protected (Acres) and/or Shoreline/Stream Length Protected (Feet or Miles) via conserved lands. For simplicity, Table 1 shows only Total Area Protected as reported to GRTS.

NPS Land Conservation Project Spotlights

South Carolina

In support of its goal to prevent NPS-related impairments of unimpaired waterbodies, South Carolina's 2020-2024 NPS Management Program Plan includes a focus on state coordination with watershed groups, land management agencies, and land trusts to protect healthy waters. Additionally, the Plan includes a NPS program milestone to incorporate protection strategies, such as conservation easements, into all WBPs developed within the state.

Project Spotlight: South Carolina awarded a total of \$773,804 in Section 319 funds across two project phases in 2018 and 2021 to Upstate Forever, a nonprofit conservation organization, to support implementation of the Watershed-Based Plan for the South, Middle, and North Tyger Subwatersheds. The WBP prioritized the protection of lands in good condition to benefit water quality and limit future impairments. The project included the purchase of conservation easements on approximately 450 acres of high priority undeveloped riverfront land. By preventing potential land use conversion, this project prevents an estimated 1,309 lbs of nitrogen, 122 lbs of phosphorus, and 30.2 tons of sediment from entering adjacent waterways each year (calculated using state pollutant loading model). This project also supported implementation of other BMPs in the watershed, including septic repair and stream bank enhancements, to address existing waterbody impairments. Project partners emphasize the role of conservation easements in complementing other BMPs and preventing further water quality degradation in the future.





Top: Aerial image of vineyard property included in conservation easements; Bottom: Tyger River Confluence frontage included in conservation easements. Photos provided by Upstate Forever.

Project Quick Facts				
Subgrantee	Upstate Forever			
Associated GRTS Projects	• <u>Phase 1</u>			
	Phase 2			
Project Budget	\$773,804 – Section 319 Funds			
	\$587,217 – Match Funds			
	Note: Budget includes costs for conservation easements and			
	other BMPs			
WBP	WBP for the South, Middle, and North Tyger Subwatersheds			
Total Land Area Protected	450.94 Acres			

Michigan

Michigan's 2019-2023 NPS Program Management Plan includes statewide targets for total acreage and linear feet of river, lake and wetland protected in priority watersheds, primarily via conservation easements. In addition, the Plan includes statewide targets for sediment, nitrogen, and phosphorus reductions achieved as a result of long-term protection practices implemented in priority watersheds. Michigan's NPS Program has partnered with land conservancies across the state to protect healthy rivers and lakes through conservation easements for over 25 years. This work has resulted in 274 conservation easements totaling over 22,000 acres, including over 416,000 linear feet of rivers and lakes protected.

Project Spotlight: In 2019, Michigan's NPS Program awarded a state Clean Michigan Initiative grant, used as non-federal 319 match, to the Grand Traverse Regional Land Conservancy to facilitate the purchase of a large parcel encompassing 900' of frontage to Lake Skegemog and 1,400' of tributary frontage. This project supported implementation of the Grand Traverse Bay Watershed Protection Plan, an EPA-approved WBP focused primarily on preventative protection of priority watershed areas through conservation easements. This project prevents erosion, as sections of the 192-acre property are situated on sloping hillsides adjacent to Lake Skegemog. By preventing potential land use conversion, this project prevents an estimated 537 lbs of nitrogen, 67 lbs of phosphorus and 3 tons of sediment from entering nearby Lake Skegemog each year (calculated using the EPA's PLET tool). Additionally, this newly protected parcel creates a continuous 525-acre wildlife corridor by connecting two existing nature preserves.





Top: Undeveloped shoreline of Lake Skegemog included in conservation easements. Bottom: Former agricultural field included in conservation easements. Photos provided by Grant Traverse Regional Land Conservancy.

Project Quick Facts				
Subgrantee Grand Traverse Regional Land Conservancy				
Associated GRTS Project	Michigan Skegemog and Petobego Preservation Project			
Project Budget	\$550,000 – State Funds (CMI Grant) used as 319 match			
	\$950,000 – Private Donations, Fundraising			
	\$335,000 – Donated Value of Land, provided by landowner			
WBP	Grand Traverse Bay Watershed Protection Plan			
Total Land Area Protected	192 acres			

Appendix A: GRTS Land Conservation Project Table, by Year³

Year	State	Project Title	Subgrantee	Total Land Protected	Total Project Budget ⁴	Total 319 Funds ⁵
2022	SC	<u>Lake Keowee Watersheds Project</u>	LAKE KEOWEE SOURCE WATER PROTECTION TEAM	22.3 AC	\$663,226	\$387,985
2021	МО	FY2021 - The Nature Conservancy - Middle Shoal Creek Streambank Stabilization - Implementation	THE NATURE CONSERVANCY	NA	\$523,308	\$299,983
2021	SC	Phase 2: South, Middle, North 53 River Watersheds BMP Implementation Project	UPSTATE FOREVER	83.4 AC	\$904,988	\$535,111
2021	ОН	Sharon Creek Restoration - Phase 1	MILL CREEK ALLIANCE	NA	\$298,238	\$298,238
2020	VT	2020 River Corridor Easement Development and Implementation, Winooski	VERMONT LAND TRUST	NA	\$75,300	\$0
2020	SD	Big Sioux Watershed Project Seg. 4 (Master 2020)	MINNEHAHA CONSERVATION DISTRICT	109.6 AC	\$900,000	\$900,000
2020	ОН	Low-Head Dam Mitigation	MILL CREEK ALLIANCE	0.1 AC	\$201,259	\$201,259
2020	MI	Platte River Watershed Priority Protection	GRAND TRAVERSE REGIONAL LAND CONSERVANCY	396.0 AC	\$1,918,013	\$0
2020	NM	Restoring the Rio Quemado Riverine Wetland on Los Potreros Open Space, in Chimayo, NM (Part 2)	ECOTONE LANDSCAPE PLANNING, LLC	40.0 AC	\$224,815	\$143,718
2020	VT	River Corridor Easement Grant 2019 - Lamoille River	VERMONT RIVER CONSERVANCY	23.2 AC	\$70,945	\$0
2020	SC	Three & Twenty Creek Watershed BMP Implementation Project	UPSTATE FOREVER	64.7 AC	\$437,785	\$232,641
2019	MI	High Banks Creek Conservation	SOUTHWEST MICHIGAN LAND CONSERVANCY	NA	\$15,705	\$0

³ 'NA' values in table indicate that this information was not available in the EPA GRTS database.

⁴ In some instances, **Total Project Budget** includes costs for conservation easements and other BMPs implemented as part of the project. Please visit the GRTS project page for specific information.

⁵ In some instances, **Total 319 Funds** amount includes costs for conservation easements and other BMPs implemented as part of the project. Please visit the GRTS project page for specific information.

Year	State	Project Title	Subgrantee	Total Land Protected (AC = acres)	Total Project Budget⁴	Total 319 Funds ⁵
2019	ОН	Manor Brook Headwater Stream Restoration	VILLAGE OF SOUTH RUSSELL	1.0 AC	\$476,600	\$262,528
2019	ОН	Nine Mile Creek Restoration	CHAGRIN RIVER WATERSHED PARTNERS, INC.	1.0 AC	\$719,367	\$274,274
2019	ОН	Notre Dame-Cathedral Latin Stream Restoration	MUNSON TOWNSHIP	1.5 AC	\$293,517	\$174,600
2019	VT	River Corridor Easement- Lewis Creek- Briggs	VERMONT LAND TRUST	40.0 AC	\$132,997	\$0
2019	MI	Skegemog and Petobego Preservation	GRAND TRAVERSE REGIONAL LAND CONSERVANCY	192.0 AC	\$2,396,454	\$0
2019	MI	Upper River Raisin Riparian Protection - Phase 4	LEGACY LAND CONSERVANCY	74.9 AC	\$480,328	\$0
2019	MI	Water Quality Improvements in the Flat River Watershed	MONTCALM CONSERVATION DISTRICT	38.5 AC	\$527,542	\$358,582
2019	VT	Wetland Incentive Payment - Salisbury	VERMONT NATURAL RESOURCES COUNCIL	182.0 AC	\$115,700	\$0
2018	WV	Back Creek Protection Plan	WEST VIRGINIA CONSERVATION AGENCY	99.2 AC	\$360,858	\$216,515
2018	MI	Preserving Land in the Cedar River Watershed	THE LITTLE FORKS CONSERVANCY	172.0 AC	\$187,504	\$111,333
2018	SC	Reducing Bacteria and Sediment Pollution in the South, Middle, and North Tyger River Subwatersheds	UPSTATE FOREVER	368.0 AC	\$456,034	\$238,694
2018	SC	Shaws Creek Watershed Land Conservation Program	CITY OF AIKEN	34.6 AC	\$92,400	\$39,000
2018	MI	Swan Creek and Headwaters Protection	THE LAND CONSERVANCY OF WEST MICHIGAN	204.5 AC	\$480,250	\$0
2018	ОН	Tributary to Alum Creek Stream & Floodplain Restoration Project	PRESERVATION PARKS OF DELAWARE COUNTY	8.1 AC	\$451,220	\$269,000
2018	NE	Wahoo Creek Phase II Implementation - Part B	LOWER PLATTE NORTH NRD	180.0 AC	\$1,087,378	\$225,000
2017	KY	Banklick Creek: Wolsing Woods Wetland Construction	BANKLICK WATERSHED COUNCIL	25.6 AC	\$583,333	\$350,000

Year	State	Project Title	Subgrantee	Total Land Protected	Total Project Budget ⁴	Total 319 Funds ⁵
2017	MI	Battle Creek River Watershed Protection Phase 2	SOUTHWEST MICHIGAN LAND CONSERVANCY	321.4 AC	\$343,490	\$211,700
2017	ND	Cottonwood Creek Watershed	LAMOURE COUNTY SOIL CONSERVATION DISTRICT	101.5 AC	\$140,608	\$84,365
2017	NE	Shell Creek Corridor Enhancement and Conservation Implementation - Part 2	LOWER PLATTE NORTH NRD	70.0 AC	\$705,567	\$317,195
2017	MI	West Grand Traverse Bay Protection Project III	LEELANAU LAND CONSERVANCY	100.0 AC	\$837,570	\$0
2016	WV	Back Creek Watershed Protection	WV CONSERVATION AGENCY	155.0 AC	\$431,139	\$209,450
2016	MI	Battle Creek River Watershed Protection	SOUTHWEST MICHIGAN LAND CONSERVANCY	476.0 AC	\$752,196	\$132,927
2016	MI	Lake Leelanau Watershed Permanent Land Protection III	LEELANAU LAND CONSERVANCY	102.0 AC	\$1,350,992	\$0
2016	MI	Pere Marquette River Mainstem Protection and Restoration	LAND CONSERVANCY OF WEST MICHIGAN	81.4 AC	\$660,778	\$0
2016	VT	Rankin Farm River Corridor Easement	VERMONT LAND TRUST	12.3 AC	\$39,513	\$0
2016	MI	Rogue River Watershed Wetland Restoration and Land Protection	TROUT UNLIMITED	50.0 AC	\$415,395	\$144,287
2016	SD	<u>Upper Big Sioux Segment 7 (Master 2016)</u>	CITY OF WATERTOWN	306.4 AC	\$689,607	\$66,537
2016	MI	<u>Upper Grand Protection</u>	LEGACY LAND CONSERVANCY	85.0 AC	\$87,184	\$40,073
2016	ОН	West Branch Beaver Creek Stream Restoration	MERCER COUNTY COMMISSIONERS	5.0 AC	\$449,494	\$268,177
2015	KY	Banklick Creek implementation of WBP	NA	16.3 AC	293333	\$176,000
2015	ОН	Beaver Creek Vegetative Biofilter Treatment Train	LAKE FACILITIES AUTHORITY	39.0 AC	\$703,084	\$312,500
2015	MI	Greater Bear Watershed Protection	NA	321.4 AC	\$155,731	\$0
2015	МО	JRBP - Wilson's Creek Implementation - Part 2	JAMES RIVER BASIN PARTNERSHIP	40.4 AC	\$318,063	\$190,838
2015	ОН	Marival/Broadview Stream and Riparian Restoration and Protection	CITY OF MASON	1.0 AC	\$404,437	\$222,000

Year	State	Project Title	Subgrantee	Total Land Protected	Total Project Budget ⁴	Total 319 Funds ⁵
2015	MI	Paw Paw Priority WetlandRiparian Conservation	SOUTHWEST MICHIGAN LAND CONSERVANCY	582.0 AC	\$1,397,879	\$250,000
2015	МІ	Phase 3 Upper River Raisin Riparian Protection	LEGACY LAND CONSERVANCY	213.9 AC	\$286,377	\$43,389
2015	ОН	<u>Upper Tuscarawas River Stabilization Project</u>	SPRINGFIELD TOWNSHIP	1.0 AC	NA	\$0
2015	NE	Wahoo Creek: Phase II Implementation - Part A	LOWER PLATTE NORTH NRD	488.0 AC	\$617,227	\$97,897
2014	NC	Mount Airy BMPs and Ararat Phase 2 Restoration	NA	2.0 AC	\$985,085	\$0
2014	ОН	Sulphur Springs Headwater Wetland Restoration	CLEVELAND METROPARKS	30.0 AC	\$306,457	\$144,000
2013	MI	Big South Branch Stream Connectivity Restoration and Easements	NA	1083.8 AC	\$695,357	\$354,344
2013	ОН	Champion Creek Streambank and Riparian Restoration	CITY OF MEDINA	1.0 AC	\$278,252	\$162,910
2013	WA	Illabot Creek Acquisition	RECREATION AND CONSERVATION OFFICE	100.0 AC	\$80,000	\$80,000
2013	SD	James River Watershed Conservation Reserve Enhancement Program (CREP)	NA	70234.3 AC	NA	NA
2013	ОН	O'Bannon Creek Stream Restoration and Bank Stabilization Project	CLERMONT COUNTY ENGINEER	1.0 AC	\$26,629	\$12,501
2013	NE	Phase III of Pigeon/Jones Creek Reservoir Watershed Enhancement (FY2013)	PAPIO-MISSOURI RIVER NRD	260.6 AC	\$77,700	\$29,430
2013	МІ	Portage Creek Priority Protection	LEGACY LAND CONSERVANCY	122.1 AC	\$577,257	\$26,846
2013	ОН	Sycamore Run Stream Restoration	CITY OF GAHANNA	4.0 AC	\$446,447	\$202,917
2013	NE	Wahoo Creek: Phase I Implementation of the Watershed Water Quality Management Plan	LOWER PLATTE SOUTH NRD	1008.0 AC	\$724,871	\$250,000
2012	ОН	Black River Restoration in Cascade Park	CITY OF ELYRIA	1.0 AC	\$470,929	\$260,586
2012	ОН	Blacklick Creek Stream Restoration	COLUMBUS/FRANKLIN METROPARKS	22.0 AC	\$386,183	\$308,220
2012	OK	Eucha/Spavinaw Watershed Riparian Protection	NA	1168.0 AC	\$1,069,109	\$640,512
		<u>Initiative</u>				

Year	State	Project Title	Subgrantee	Total Land Protected	Total Project Budget ⁴	Total 319 Funds ⁵
2012	ОН	Glady Run Stream Restoration and Preservation	GREENE COUNTY PARK	22.0 AC	\$284,113	\$226,962
		<u>Project</u>	DISTRICT			
2012	MI	Glass Creek Conservation	NA	76.7 AC	\$204,301	\$103,770
2012	MI	Improving Water Quality in the South Branch Watershed	NA	22.5 AC	\$408,512	\$196,500
2012	ND	Morton County Northeastern Watersheds	MORTON CO. SCD	30.0 AC	\$403,892	\$242,335
2012	NE	Phase III of Pigeon/Jones Creek Reservoir Watershed Enhancement (FY2012)	PAPIO-MISSOURI RIVER NRD	260.6 AC	\$463,100	\$248,970
2012	ОН	Salt Creek Protection and Restoration	OHIO VALLEY CONSERVATION COALITION	100.0 AC	NA	\$0
2012	VT	Selawsky river corridor easement phase 2 - Wild Branch (VRC)	NA	17.0 AC	\$26,540	\$0
2012	VT	Wild Branch Easements	VERMONT RIVER CONSERVANCY	22.5 AC	\$68,270	\$0
2011	MI	Augusta Creek Conservation	NA	499.0 AC	\$851,376	\$406,548
2011	ОН	Bath Creek Floodplain/Wetland Restoration	BATH TOWNSHIP TRUSTEES	4.5 AC	\$59,778	\$47,536
2011	SD	Central Big Sioux River Watershed Project - Seg 2	NA	16.8 AC	\$1,219,536	\$178,806
		(Master FY11)				
2011	WA	<u>Direct Implementation Fund: Skagit and Methow</u>	NA	79.3 AC	\$537,439	\$537,439
		Enhancement Project - Recreation and				
		Conservation Office			4	4
2011	ОН	<u>Harmon Homestead Restoration Project</u>	CITY OF AURORA	89.0 AC	\$728,075	\$478,075
2011	МО	JRBP - James Rvr Basin Riparian Corridor Restoration and Protection - Part 3	JAMES RIVER BASIN PARTNERSHIP	600 AC, 44.96 MI	\$325,557	\$185,557
2011	IA	Price Creek Watershed Project Phase 1	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	176.0 AC	\$316,311	\$316,311
2011	KY	Sinking Creek Water Quality Sediment and	NA	459.0 AC	\$499,516	\$499,516
		<u>Habitat Investigation</u>				

Year	State	Project Title	Subgrantee	Total Land Protected	Total Project Budget ⁴	Total 319 Funds⁵
2011	ОН	Solomon Creek Dam Removal and Stream Restoration	URSULINES OF BROWN COUNTY	42.0 AC	\$598,443	\$380,777
2011	IA	Union Grove Lake Watershed: Umphrey Property Acquisition and Enhancement	NA	100.0 AC	\$163,422	\$163,422
2011	MI	West Grand Traverse Bay Watershed Protection Project, Phase II	NA	168.0 AC	\$829,943	\$162,443
2010	ОН	Akron-Little Cuyahoga River Restoration Phase 2	AKRON	5.3 AC	\$1,471,464	\$400,000
2010	IA	Black Hawk Lake Watershed Project - Conservation Easement	NA	39.7 AC	\$140,509	\$129,909
2010	ОН	<u>Deeds Wetlands</u>	CITY OF LANCASTER	68.0 AC	\$139,670	\$0
2010	MI	Grand Traverse Bay Watershed Protection Project Phase III	NA	334.0 AC	\$2,013,164	\$0
2010	MN	Hardwood Creek TMDL Imp. Project	NA	1500 FT	\$594,118	\$326,265
2010	UT	Mud Creek Riparian Restoration, Scofield Reservoir	NA	23.0 AC	\$83,333	\$50,000
2010	ОН	Muddy Creek Stream and Riparian Restoration and Protection	CITY OF MASON	1.5 AC	\$437,237	\$258,000
2010	IA	Union Grove Lake Watershed: Umphrey Property Acquisition and Enhancement	NA	100.0 AC	\$53,822	\$53,822
2010	MI	Upper River Raisin Riparian Protection	NA	233.2 AC	\$500,421	\$238,962
2010	MI	White River - Linking Streambank Restoration and Conservation Easements	NA	949.0 AC	\$856,104	\$391,519
2009	MI	Cedar River Watershed Conservation Easement Acquisition Project	NA	261.2 AC	\$621,665	\$319,376
2009	ОН	Furnace Run Restoration & Conservation Project	SUMMIT METRO PARKS	6.0 AC	\$468,377	\$249,984
2009	ОН	Hudson High School/Tinker's Creek Stream Restoration Project	CUYAHOGA HEALTH DEPARTMENT	3.0 AC	\$734,436	\$329,208
2009	MI	Jordan River Watershed Protection Project	NA	520.0 AC	\$535,295	\$0
2009	KS	KS WRAPS: Flint Hills RC&D (5) Marion, Melvern, Twin Lakes, Upper Fall River, Clarks Creek	NA	8000.0 AC	\$642,988	\$304,125

Year	State	Project Title	Subgrantee	Total Land Protected	Total Project Budget ⁴	Total 319 Funds ⁵
2009	ОН	Little Miami River Restoration and Shawnee Creek Preservation Projects	CITY OF XENIA	115.0 AC	\$353,783	\$183,918
2009	ОН	Mill Creek Confluence Wetlands Restoration and NPS Educational Project	MILL CREEK WATERSHED COUNCIL OF COMMISSIONERS	17.4 AC	\$877,332	\$317,420
2009	SD	Northeast Glacial Lakes Watershed Improvement and Protection Project - Seg 2 (Master FY09)	NA	3572.7 AC	\$602,452	\$350,000
2009	MI	Paw Paw and Black Rivers Wetland Protection/Restoration	NA	874.3 AC	\$1,422,796	\$698,917
2009	IA	Union Grove Lake Watershed: Umphrey Property Acquisition and Enhancement	NA	100.0 AC	\$144,000	\$100,000
2009	MI	West Grand Traverse Bay Protection Project	NA	174.6 AC	\$851,863	\$0
2009	IA	West Okoboji Lake Wetland Restoration	NA	18.3 AC	\$400,000	\$400,000
2008	ОН	East Branch Rocky River Riparian Preservation; Restoration Project	WESTERN RESERVE LAND CONSERVANCY	279.0 AC	\$487,000	\$292,000
2008	MI	Galien River Implementation	NA	72.3 AC	\$551,481	\$307,945
2008	ОН	IVEX of Ohio	VILLAGE OF CHAGRIN FALLS	10.0 AC	\$488,532	\$293,119
2008	ОН	Kenston Lake Dam Modification and SR	BAINBRIDGE TOWNSHIP TRUSTEES	7.0 AC	\$495,618	\$294,900
2008	MI	Lower Muskegon River Watershed Critical Land Mapping and Easements	NA	427.0 AC	\$1,813,841	\$0
2008	ОН	Merritt Ditch Stream Restoration Project	THE RIVER INSTITUTE	2.0 AC	\$313,323	\$190,893
2008	ОН	North Fork Massies Creek Stream Restoration	GREENE COUNTY BOARD OF COMMISSIONERS-SANITARY ENGINEERING DEPT.	25.0 AC	\$639,032	\$382,192
2007	ОН	Bath Creek Stream Restoration	THE RIVER INSTITUTE	3.0 AC	\$305,676	\$176,752

Year	State	Project Title	Subgrantee	Total Land Protected	Total Project Budget ⁴	Total 319 Funds ⁵
2007	ОН	East Branch Euclid Creek Dam Removal & SR	WESTERN RESERVE LAND CONSERVANCY	3.0 AC	\$487,000	\$292,000
2007	OK	<u>Eucha/Spavinaw Watershed Riparian Protection</u> <u>Initiative</u>	NA	1168.0 AC	\$970,000	\$570,000
2007	MI	Grand Traverse Bay Watershed Protection Phase II - Match proj	NA	132.0 AC	\$537,029	\$0
2007	ОН	Hartman Wetland & Stream Restoration	GREENE COUNTY BOARD OF COMMISSIONERS-SANITARY ENGINEERING DEPT.	16.0 AC	\$660,312	\$386,412
2007	MI	Pere Marquette Planning and Land Protection	NA	239.0 AC	\$797,629	\$299,967
2007	MI	Prairieville Creek-Gull Lake Conservation	NA	296.6 AC	\$1,102,393	\$548,688
2007	ОН	<u>Unnamed Tributary to the Olentangy River</u> <u>Daylighting and Restoration Project</u>	CITY OF DELAWARE	1.0 AC	\$412,500	\$330,000
2006	MI	Grand Traverse Bay Watershed Protection - Match Project	NA	577.0 AC	\$1,621,403	\$0
2006	MI	Lake Leelanau Watershed Permanent Land Protection 2	NA	316.7 AC	\$901,620	\$447,500
2006	MI	Les Cheneaux Watershed Implementation	NA	13.0 AC	\$702,566	\$486,287
2006	ОН	Potter Creek Habitat Restoration Project	NORTHEAST OHIO FOUR COUNTY REGIONAL PLANNING & DEVELOPMENT ORGANIZATION	27.0 AC	\$264,191	\$159,423
2006	MI	<u>Upper Manistee Protection II - Match Project</u>	NA	1204.0 AC	\$830,564	\$0
2006	ОН	West Creek Urban Stream Repair	WEST CREEK PRESERVATION COMMITTEE	14.0 AC	\$312,500	\$187,500
2005	MI	Boardman River Protection III	NA	278.0 AC	\$267,740	\$0
2005	MI	Lower Dead River Watershed Implementation	NA	0.5 AC	\$471,457	\$0
2005	MI	Rocky River Watershed Implementation Project	NA	10.8 AC	\$300,746	\$204,284
2004	MI	Galien River Implementation Project	NA	339.1 AC	\$2,062,142	\$577,648