



2017 State Revolving Fund Year-in-Review

In 2017, the Water Pollution Control Loan Fund (WPCLF), Water Supply Revolving Loan Account (WSRLA) and the Water Resource Restoration Sponsor Program (WRRSP) funded 196 projects for a total of \$936,543,803. All funds are awarded at below-market interest rates, some as low as zero percent, saving Ohioans at least \$150 million in interest expenses assuming a standard below-market interest rate.

Geographical and Programmatic Distribution

Individual totals for each program are:

- WPCLF — 153 loans, \$861,346,525
- WSRLA — 36 loans, \$65,193,228
- WRRSP — 7 loans, \$10,004,049

Ohio EPA District	Program	Number of Loans	Amount
Central	WPCLF	32	\$166,095,698
	WSRLA	4	\$12,883,434
	WRRSP	3	\$5,106,138
	Total	39	\$184,085,270
Northeast	WPCLF	45	\$353,581,954
	WSRLA	11	\$10,103,165
	WRRSP	2	\$3,858,500
	Total	58	\$367,543,619
Northwest	WPCLF	32	\$90,489,569
	WSRLA	8	\$20,371,911
	WRRSP	1	\$364,500
	Total	41	\$111,225,980
Southeast	WPCLF	28	\$15,590,153
	WSRLA	8	\$15,243,786
	WRRSP	0	\$0
	Total	36	\$30,833,939
Southwest	WPCLF	16	\$235,589,150
	WSRLA	5	\$6,590,933
	WRRSP	1	\$674,911
	Total	22	\$242,854,994

Historical Funding Information

Year	WPCLF	WSRLA	Total
2013	\$338,924,698	\$91,152,531	\$430,077,229
2014	\$324,601,670	\$49,242,217	\$373,843,887
2015	\$769,356,612	\$121,960,223	\$891,316,835
2016	\$654,044,570	\$102,466,999	\$756,511,569
2017	\$871,350,574	\$65,193,228	\$936,543,802
Total	\$2,958,278,124	\$430,015,198	\$3,388,293,322

Other Special/Unique Projects

- Through the WPCLF, Ohio EPA awarded five loans to the **City of Columbus**, totaling \$21,475,467 to further their *Blueprint Columbus* initiative. These funds were used for Green Infrastructure improvements, as well as sewer lateral lining and roof water redirection. In addition, Columbus received 12 other WPCLF loans totaling \$133,944,095. Columbus also received four WSRLA loans totaling \$12,883,434. All total, Columbus received 21 loans for \$168,302,996 through the WPCLF and WSRLA.
- The **City of Akron** received nine total loan awards: eight WPCLF awards (\$54,694,088) and one WSRLA award (\$741,878).
- The Board of County Commissioners of **Hamilton County** received four WPCLF loan awards, totaling \$172,836,965.
- The **Northeast Ohio Regional Sewer District** received four loans awards totaling \$167,517,475.
- Two large-diameter CSO tunnels were funded during the year: Northeast Ohio Regional Sewer District's **Doan Valley Storage Tunnel (DVT) CSO** (8/30/2017, \$142,320,000) and Board of County Commissioners of Hamilton County's **Lick Run Valley Conveyance System NRD CSO** (8/30/2017, \$122,243,997).
- Smaller loans – Most state revolving funds are awarded to smaller projects. Of the 196 projects financed, 108 of them were less than \$1 million.

2017 Revolving Fund Year-in-Review

Home Sewage Treatment System (HSTS) Replacement and Upgrades

The WPCLF totals include \$13,169,600 in principal forgiveness loan awards to 51 counties for HSTS programs. The maximum amount per county was \$300,000; the average amount was \$258,227. Counties have until the end of 2018 to utilize their 2017 loan awards.

Health District	Award Date	Amount
Athens County	5/24/2017	\$300,000
Butler County	5/24/2017	\$300,000
Clermont County General Health District	2/24/2017	\$150,000
Columbiana County Health Department	3/7/2017	\$300,000
Crawford County General Health District	3/23/2017	\$300,000
Cuyahoga County Board of Health	5/12/2017	\$300,000
Darke County General Health District	5/2/2017	\$300,000
Defiance County General Health District	4/21/2017	\$300,000
Erie County Health Department	3/7/2017	\$300,000
Fairfield County Department of Health	3/23/2017	\$200,000
Fayette Soil and Water Conservation District	2/15/2017	\$300,000
Franklin County Public Health	4/27/2017	\$150,000
Fulton County Health Department	6/6/2017	\$108,000
Gallia County	4/27/2017	\$300,000
Geauga County Health District	4/21/2017	\$300,000
Hamilton County Commissioners	4/27/2017	\$300,000
Henry County	5/24/2017	\$300,000
Highland County General Health District	6/15/2017	\$300,000
Hocking County	4/21/2017	\$300,000
Holmes County	6/6/2017	\$300,000
Jackson County Health Department	2/24/2017	\$300,000
Lake County General Health District	5/2/2017	\$200,000
Licking County Health Department	4/21/2017	\$300,000
Lorain County	5/24/2017	\$300,000
Madison County/London City Health District	5/12/2017	\$66,600
Mahoning County District Board of Health	4/27/2017	\$300,000
Marion County Public Health	4/21/2017	\$300,000
Medina County	3/7/2017	\$300,000
Meigs County General Health District	3/23/2017	\$180,000
Morgan County	3/23/2017	\$150,000
Morrow County	2/17/2017	\$300,000
Muskingum County	3/23/2017	\$150,000
Ottawa County Health Department	5/24/2017	\$300,000
Paulding County Health Department	5/12/2017	\$300,000
Pickaway County General Health District	4/21/2017	\$300,000
Pike County General Health District	4/21/2017	\$240,000
Portage County Combined General Health District	5/24/2017	\$300,000
Ross County	2/24/2017	\$300,000
Sandusky County Health Department	3/7/2017	\$250,000
Scioto County	3/23/2017	\$300,000
Seneca County General Health District	5/3/2017	\$180,000
Stark County Health Department	4/21/2017	\$300,000
Summit County	4/21/2017	\$300,000
Toledo-Lucas County Health Department	5/12/2017	\$300,000
Trumbull County	3/7/2017	\$300,000
Union County Health Department	5/24/2017	\$300,000
Vinton County	4/21/2017	\$195,000
Wayne County Health Department	2/24/2017	\$225,000
Williams County Health Department	5/24/2017	\$300,000
Wood County Health District	6/6/2017	\$75,000
Wyandot County General Health District	3/7/2017	\$150,000

2017 Revolving Fund Year-in-Review

Principal Forgiveness

A total of \$36,811,708 in principal forgiveness was awarded during the year — \$9,325,395 through the drinking water (WSRLA) program and \$27,486,313 through the clean water (WPCLF) program. All HSTS projects mentioned previously are included in the WPCLF total, but not shown on the table below.

WPCLF Projects

Recipient	Project Name	Award Date	Principal Forgiveness
Manchester	Sewer Collection System Rehabilitation	7/10/2017	\$50,000
Piqua	Wastewater Plant Expansion NRD	8/30/2017	\$50,000
Hicksville	Cornelia St. Sanitary and Storm Sewer Improvements	6/29/2017	\$300,903
Northwestern Water and Sewer District	Hoytville WWTP Improvements	9/13/2017	\$364,650
Otway	Village of Otway Wastewater Improvements Project	1/31/2017	\$510,359
New Boston	Combined Sewer Overflow Improvements Phase 6	10/11/2017	\$1,627,000
Montpelier	CSO Phase V	7/14/2017	\$1,661,512
Noble County	Lashley Addition Wastewater System NRD	11/15/2017	\$2,098,065
Middleport	Middleport CSO/SSO/Mine Drainage Flow Improvements	8/2/2017	\$2,139,183
West Unity	WWTP Improvements Phase 2	8/31/2017	\$2,679,850
Montpelier	WWTP Improvements	8/31/2017	\$2,835,190

WSRLA Projects

Recipient	Project Name	Award Date	Principal Forgiveness
Tuscarawas	Asset Management Plan	6/12/2017	\$5,000
Scio	Asset Management and Planning Loan	3/10/2017	\$5,000
Campbell	Campbell Water Interconnection Project HAB	10/11/2017	\$25,000
Wellston	South WTP Upgrade and Waterline Replacement	7/14/2017	\$214,060
Alliance	Marlington Transmission Line	6/29/2017	\$741,878
New Waterford	Phase 1 Water System Improvements	10/11/2017	\$884,950
Highland Ridge Water Association, Inc.	County Road 9 Waterline Extension	9/25/2017	\$1,275,760
Crooksville	Water System Improvements	8/8/2017	\$1,463,994
Brilliant Water and Sewer District	Water Systems Improvements	11/21/2017	\$1,693,042
Napoleon	Napoleon Water Treatment Plant Improvements HAB	4/28/2017	\$3,016,710

Combined Sewer Overflow Discount

Fourteen loans received the zero percent discount for implementing a project to correct Combined Sewer Overflow discharges. Total loan amount is \$411,411,104 with a total discount of \$85,085,213.

Recipient	Project	Loan Amount	Discount
Akron	Howard Storage Basin-North Hill Separation (CSO Rack 22) CSO	\$21,834,256	\$13,000,000
Avon Lake	Fairfield-Brookfield Combined Sewer Separation	\$14,793,523	\$9,500,000
Avon Lake	Stop 45 Area Combined Sewer Separation	\$18,408,317	\$3,500,000
Bowling Green	Grit Removal System Improvements	\$5,517,219	\$5,517,219
Bucyrus	Southern and Hopely Avenues S3	\$70,000	\$70,000
Columbus	SWWTP Chem Enhance Prim Treat (CEPT) - Clarification	\$26,769,639	\$13,000,000
Lancaster	Cherokee Drive Drainage Improvements	\$779,572	\$779,572
MSD	Wyoming and Minion Avenues Sewer Separation	\$2,918,967	\$2,918,967
MSD	Lick Run Valley Conveyance System	\$122,243,997	\$10,081,033
NEORS	Kingsbury Run Preliminary Engineering Early Action	\$4,474,375	\$4,774,375
NEORS	Doan Valley Storage Tunnel (DVST)	\$142,320,000	\$8,225,625
Paulding	Phase 3 Combined Sewer Separation Project	\$300,000	\$300,000
Springfield	Miscellaneous Sanitary Sewer Lining	\$418,422	\$418,422
Toledo	Downtown Storage Basin W4C	\$50,562,817	\$13,000,000

2017 Revolving Fund Year-in-Review

Large Loans

Ohio EPA awarded several large loans during 2017, including 17 for \$10 million or more.

Recipient	Project Name	Award Date	Amount
Northeast Ohio Regional Sewer District	Doan Valley Storage Tunnel (DVT) CSO	8/30/2017	\$142,320,000
Board of County Commissioners of Hamilton County, Ohio	Lick Run Valley Conveyance System NRD CSO	8/30/2017	\$122,243,997
Euclid	WWTP MBR – Construction Phase NRD	2/27/2017	\$65,198,791
Piqua	Wastewater Plant Expansion NRD	8/30/2017	\$53,224,030
Toledo	Downtown Storage Basin CSO	8/30/2017	\$50,562,817
Board of County Commissioners of Hamilton County, Ohio	Werk and Westbourne CEHRT	4/28/2017	\$40,779,783
Columbus	Lockbourne Intermodal Subtrunk	2/8/2017	\$40,535,000
Columbus	SWWTP Chem Enhance Prim Treat (CEPT) – Clarification – CSO	6/29/2017	\$26,769,639
Columbus	SWWTP Chem Enhance Prim Treat (CEPT) – Prelim Treatment CSO	8/8/2017	\$25,604,141
Akron	Howard Storage Basin-North Hill Separation (CSO Rack 22) CSO	6/29/2017	\$21,834,256
Avon Lake	Stop 45 Area Combined Sewer Separation CSO	10/27/2017	\$18,408,317
Akron	CSO Program Management Team 2016	5/9/2017	\$17,927,956
Columbus	SWWTP Chem Enhance Prim Treat (CEPT) – Disinfection – CSO	8/8/2017	\$17,633,252
Napoleon	Napoleon Water Treatment Plant Improvements HAB	4/28/2017	\$15,257,015
Avon Lake	Fairfield-Brookfield Combined Sewer Separation CSO	6/29/2017	\$14,793,524
Northeast Ohio Regional Sewer District	Second Stage Lift Station Improvements (SSLI)	5/4/2017	\$10,551,300
Toledo	Swan Creek North Sewer Separation	8/30/2017	\$10,185,189

WRRSP Projects

Ohio EPA approved seven projects for \$10,004,050 in WRRSP funding. These projects were for the protection or restoration of streams and wetlands in Ohio.

Implementer	Project	County	Amount
Franklin Soil and Water Conservation District	Hellbranch Meadows Stream and Wetland Restoration	Franklin	\$3,766,138
Metropolitan Park District of the Toledo Area	Oak Openings Flatwoods Swamp	Lucas	\$364,500
Williamsburg	Williamsburg Low-Head Dam Removal	Clermont	\$674,911
Natural Areas Land Conservancy	Beck Fen Expansion	Portage	\$340,800
Appalachia Ohio Alliance	Scioto River Preserve Phase 2	Pickaway	\$775,000
Appalachia Ohio Alliance	Cackley Swamp Kiser Property Acquisition and Restoration	Jackson	\$565,000
Cleveland Museum of Natural History	Geneva Swamp Lake Plain Wetlands Protection	Ashtabula	\$3,517,700

Regionalization Projects

Two loans were awarded to enable a disadvantaged public water system (PWS) to regionalize with a more capable PWS or to extend water lines to address human health issues related to private drinking water wells.

Recipient	Project	Loan Amount	Principal Forgiveness
Alliance	Marlington Transmission Line	\$1,496,368	\$741,878
Highland Ridge Water Association, Inc.	County Road 9 Waterline Extension	\$1,711,220	\$1,275,760