



Ohio Water  
Development Authority

2020

**ANNUAL REPORT**

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Fresh Water Loan Program



Water Pollution Control Loan Fund



Drinking Water Assistance Fund



Un-sewered Area



Alternative Stormwater



Solid Waste



Economic Development



Brownfield



Research & Development

2020

ANNUAL REPORT

# TO: THE GOVERNOR OF OHIO, MEMBERS OF THE GENERAL ASSEMBLY, AND CITIZENS OF THE STATE

The State of Ohio created the Ohio Water Development Authority (Authority) to provide funding for construction of public water and wastewater infrastructure in Ohio to address the seemingly overwhelming problem of pollution that sickened Ohio's rivers and lakes in the 1960s and '70s. Since 1968, the Authority has funded the planning, design, and construction of over \$18.4 billion of water and wastewater projects.

In 2020, the Authority approved loans totaling \$897,454,272 for the planning and construction of water, sewer, brownfield remediation, and solid waste facilities. The Authority funded 399 projects in 83 of the 88 counties in Ohio. These projects replaced aging infrastructure, expanded capacity of treatment plants, installed technology for better water quality and addressed the treatment of harmful algal blooms.

Of the 399 awarded projects, 109 projects qualified for an interest rate of 0% through the Water Pollution Control Loan Fund and the Drinking Water Assistance Fund. The remaining awarded projects received an average interest rate of 0.91% for 20-years and 0.88% for 30-years. These below market rates allowed local governments to construct necessary water and sewer improvements while minimizing the impact to user charges.

To respond to the 2020 loan demand and to take advantage of a low interest rate environment, the Authority raised \$700,000,000 by issuing bonds in the Water Pollution Control Loan Fund. The issuances received the highest possible bond rating from Moody's Investor Service, S&P Global Ratings.

The Authority continues to support research for the advancement of science in the areas of water and wastewater. In 2020, the Authority awarded seven research and development grants related to nutrient removal, PFAS, Microcystin and Saxitoxin, and early warning system for harmful algal blooms.

The Authority will continue to rely on our past strengths to meet the ongoing needs of the state.



James V. Stewart, Chairman



Ken J. Heigel P.E., Executive Director

2020

ANNUAL REPORT

# 2020 FINANCING

Since the Ohio Water Development Authority's creation in 1968, the Authority has always pursued borrowings that assure the Authority the lowest cost of funds in order to maintain low borrowing rates for the local governments of Ohio. Through this philosophy, the Authority has focused not only on the present needs of Ohio's local governments but also contributed to strengthening their financial futures. During 2020, the Authority completed two bond issuances to raise funds for the following program:



## WATER POLLUTION CONTROL LOAN FUND

Both issuances received Aaa ratings from Moody's Investor Service and AAA ratings from S&P Global Ratings and raised \$700,000,000. The Authority was able to receive these ratings due to the strong credit quality and diversity of its loan pool along with its capacity to absorb high percentages of potential loan defaults without interruption in the payment of debt service.



**\$450,000,000**

**WPCLF Series 2020A**

*April 30, 2020*

Aaa (Moody's Investors Service)  
AAA (S&P Global Ratings)

**Senior Manager**

J.P. Morgan Securities, LLC

**Co-Senior Manager**

UBS Financial Services Inc.

**Co-Managers**

Huntington Capital Markets,  
Janney Montgomery Scott LLC,  
Keybanc Capital Markets Inc.,  
RBS Capital Markets,  
Stifel, Nicolaus & Company Inc.

**True Interest Cost**

2.95%

**\$250,000,000**

**WPCLF Series 2020B**

*October 20, 2020*

Aaa (Moody's Investors Service)  
AAA (S&P Global Ratings)

**Senior Manager**

Wells Fargo Securities

**Co-Senior Manager**

TD Securities

**Co-Managers**

Blaylock Van LLC,  
Huntington Capital Markets,  
Loop Capital Markets

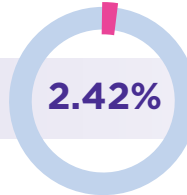
**True Interest Cost**

1.73%

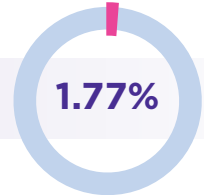
2020

# 2020 BY THE

# NUMBERS



*highest 20-year Fresh Water interest rate in January 2020*



*lowest 20-year Fresh Water interest rate in October 2020*

*Research and Development Grants*

1 2 3 4 5 6 7

**\$897M awarded in 2020**

**\$700M raised for WPCLF**

**\$74M largest loan awarded to City of Columbus**

**\$27M awarded for Research and Development since 1985**

\$0.1 \$0.2 \$0.3 \$0.4 \$0.5 \$0.6 \$0.7 \$0.8 \$0.9 \$1  
**IN BILLIONS**

**Projects awarded in 83 of the 88 counties**



**684**

*Septic systems replaced with Un-sewered Area Assistance Fund*



**173**

*Research and Development grants awarded since 1985*

**Aaa//AAA**

**ratings from Moody's and S&P**

**Dollars Awarded**



2020



# FRESH WATER LOAN PROGRAM

The Ohio Water Development Authority created the Fresh Water Program in 1992 to provide financial assistance for planning, design, and construction of drinking water, wastewater, and storm water projects.

During 2020, the Authority awarded loans totaling **\$93,237,625**; consisting of

- 39 water construction loans for \$40,642,305
- 29 sewer construction loans for \$43,607,279
- 13 water planning and design loans for \$5,438,322
- 17 sewer planning and design loans for \$3,549,719.

OWDA has financed 1,038 projects to 338 communities through the Fresh Water Loan Program. The City of Columbus and the City of Lima are the two largest borrowers in the Fresh Water Loan Program.

Communities receiving loans under the Fresh Water Program can receive as much as a 1.0% discount to the standard interest rate. The criteria for communities to receive each 0.5% interest rate discount are:

- to be under Findings and Orders from Ohio EPA;
- to connect to another system for treatment services;
- to have been a previous borrower from the Authority;
- to purchase another system;
- to address health concerns; or
- to have a state-approved Balanced Growth Plan.

## SIGNIFICANT FRESH WATER PROJECTS

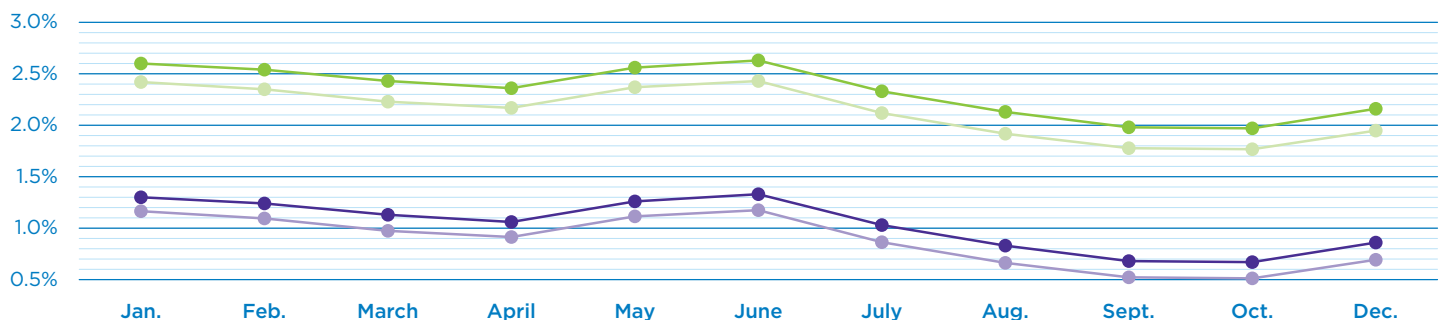
BORROWER	PROJECT	AMOUNT
City of North Royalton	Improvements to the Wastewater Treatment Plant	\$6,066,097
Medina County	Sharon Township Water and Sewer Improvements	\$8,712,975

Communities with a population less than 5,000 can apply for a Community Assistance loan. Created in 1997, the Community Assistance Program (CA), funded from the Fresh Water Program, provides construction loans to local governments at a rate lower than the Fresh Water Program interest rate if the projected sewer user charges are above 1.5% of the community's median household income (MHI) for wastewater projects; or the projected water user charges are above 1.1% of the community's MHI for water projects. For all of 2020 the interest rates for a community assistance loan was 0.50% for a 20-year term and was 0.75% for a 30-year term.

The Authority awarded 14 Community Assistance projects totaling \$5,340,118 in 2020. These projects provided funding for a water storage tank, a water treatment plant, waterlines, sanitary sewers, pump stations, generator, modifications to a water treatment plant, and water meter replacement.

## 2020 INTEREST RATES

2020 FRESH WATER AND WPCLF & DWAF INTEREST RATES | 30 YEAR/20 YEAR | 30 YEAR/20 YEAR



2020





## WATER POLLUTION CONTROL LOAN FUND PROGRAM (WPCLF)

The WPCLF, administered by Ohio EPA and OWDA, started in 1989 from capitalization grants provided by the federal government through the Clean Water Act.

The WPCLF offers below market-rate loans to Ohio's communities to undertake improvements to their wastewater collection and treatment systems. During 2020, the Water Pollution Control Loan Fund (WPCLF) awarded:

- 160 construction projects totaling \$396,949,746
- 38 planning and design projects totaling \$65,446,508

Since the beginning of the program, The Authority has funded 1,230 projects to 338 communities. The City of Columbus and the Northeast Ohio Regional Sewer District are the two largest borrowers in the WPCLF Loan Program.

SIGNIFICANT WPCLF PROJECTS		
BORROWER	PROJECT	AMOUNT
City of Warren	Construction of improvements to two pump stations and the WWTP	\$44,914,643
Northeast Ohio Regional Sewer District	Construction of the Westerly Tunnel Dewatering Pump Station	\$27,336,010

Ohio EPA established the Water Resource Restoration Sponsor Program (WRRSP) in 2000 to allow WPCLF loan recipients to sponsor environmental projects that benefit water quality. Various environmental organizations implement the projects, which can include the purchase of land or conservation easements, and the preservation and maintenance of wetlands, stream banks or conservation areas. During 2020, the WPCLF funded 9 WRRSP projects totaling \$7,802,515 to 3 communities: City of Akron, Northeast Ohio Regional Sewer District, and the City of Warren.



## DRINKING WATER ASSISTANCE FUND LOAN PROGRAM (DWAF)

The DWAF Program was created during 1998 with capitalization grants from the US EPA, under the Safe Drinking Water Act Amendments of 1996, to provide funds to public water systems for the cost of facility improvements to meet Safe Drinking Water Act standards.

During 2020, the Drinking Water Assistance Fund (DWAF) awarded:

- 61 construction loans totaling \$303,190,022
- 30 planning and design loans for \$5,350,069

Since the beginning of the program, OWDA has funded 598 projects to 233 communities. The City of Columbus and the City of Cleveland are the two largest borrowers in the DWAF Loan Program.

SIGNIFICANT DWAF PROJECTS		
BORROWER	PROJECT	AMOUNT
City of Columbus	Enhanced Metering System	\$74,843,752
City of Akron	Integrated Metering System	\$59,574,752

Ohio EPA established the Lead Service Line Replacement program in 2020. Up to \$20 million of principal forgiveness will be made available during program years 2021 and 2022 for the replacement of lead service lines. Each applicant may receive up to \$1 million per year. The City of Akron received the first \$1 million award for the replacement of 280 lead service lines on both public and private property.



# RESEARCH & DEVELOPMENT GRANT PROGRAM

The Authority awarded seven project grants totaling \$951,376 from the Research and Development (RD) Grant Fund.

Created in 1985, the RD Grant Program supports research to develop new and innovative means to treat, control, prevent or minimize pollution. OWDA works with other state agencies, universities or colleges, and local governments to develop cutting-edge methods and to pass them on to all of Ohio's communities to both protect the environment and provide financial savings. Since its inception, the RD Grant Program has awarded 173 grants totaling \$27,260,712.

The 2020 grants awarded cover a number of water-related topics:

## Mercer County

was awarded a \$133,830 grant for a project titled *On-farm Manure Nutrient Recovery Research*. This project seeks to define the optimum performance conditions for the KDS and Quick Wash technologies (which were the subject of a 2017 OWDA R&D grant focusing on treatment of WWTP side streams, such as belt press filtrate) to treat manure at a typical hog operation. Operational costs and total phosphorus (TP) reduction will be confirmed. Tasks include background data collection, on-site evaluations, techno economic analysis, and development of a communications plan.

## The U.S. Geological Survey

was awarded two grants totaling \$250,000 for the project titled *Identifying, Understanding, and Building an Early Warning System for Cyanobacterial Harmful Algal Blooms (cyanoHABs): Ohio River and Inland Lake Sites in Ohio*. These two projects, Phase 1 and Phase 2, will include sampling along the Ohio River and an inland lake for nutrients, cyanobacterial genes, cyanotoxins, and phytoplankton community levels. Data analysis will take into account environmental data from National Weather Service airport weather stations and satellite data.

## City of Akron

was awarded a \$74,987 grant for a project titled *Impact of Three Powdered Activated Carbon Varieties and pH on the Removal of Microcystin and Saxitoxin from Drinking Water When Both are Present in Source Water*. This research seeks to better understand the effective removal of microcystin and saxitoxin using powdered activated carbon and oxidation. Three commercial sources of powdered activated carbon will be used in bench-scale testing to assess absorption removal of microcystin and saxitoxin.

## The Ohio State University

was awarded a \$92,559 grant for the project titled *Keeping Cyanobacteria Cells Intact during Coupled Chemical and Physical Drinking Water Treatment*. The objective of this lab-scale project is to evaluate strategies for more effective management of intracellular cyanotoxins during drinking water treatment. The focus will be on permanganate oxidant addition because of its common use in Ohio drinking water plants. Findings will advance operator management to optimize both extra- and intracellular cyanotoxin removal.

## Ohio University

was awarded a \$200,000 grant for the project titled *Effective Sorbents for In-Situ Remediation of PFAS Impacted Groundwater in Ohio*. The lab-scale project will evaluate and optimize sorption capacity and transport characteristics of conventional and novel sorbents, as well as identify the optimal sorbent and its capacity for the immobilization of six PFASs in a typical groundwater system via batch experiments. Sorbents proposed include commercially available activated carbon and biochar, synthesized materials, and nanomaterials. The transport characteristics of the selected sorbent will be evaluated and optimized using stabilizer batch experiments, one dimensional column experiments and two dimensional flow-through aquifer cell experiments.

2020

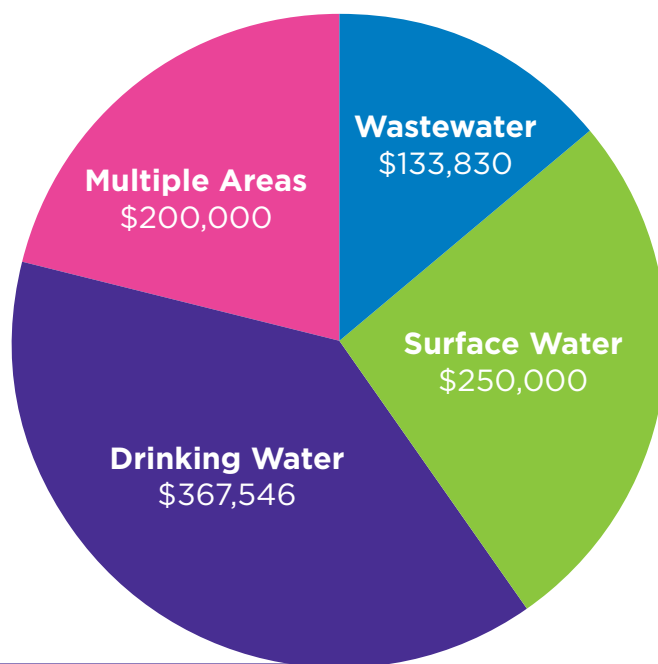


## The Ohio State University

was awarded a **\$200,000** grant for support of The Ohio Water Resources Center. The Center is the federally-authorized and state designated Water Resources Research institute for Ohio. The Center promotes education and research through grants to new researchers investigating State of Ohio water issues. The Ohio Water Development Authority

began this partnership with the Center in 2000. Support of the Center will allow the additional leveraging of federal funds provided through the Water Resources Research Act. The Center also fosters communication among researchers, students, state agency personnel, and other stakeholders to increase relevance of water-related research.

AWARDEE	PROJECT TITLE	GRANT AWARD
<b>Mercer County</b>	On-Farm Manure Nutrient Recovery Research	<b>\$133,830</b>
<b>U.S. Geological Survey</b>	Identifying, Understanding, and Building an Early Warning System for Cyanobacterial Harmful Algal Blooms (cyanoHABs): Ohio River and Inland Lake Sites in Ohio, Phase 1 and Phase 2	<b>\$250,000</b>
<b>City of Akron</b>	Impact of Three Powdered Activated Carbon Varieties and pH on the Removal of Microcystin and Saxitoxin from Drinking Water When Both are Present in Source Water	<b>\$74,987</b>
<b>The Ohio State University</b>	Keeping Cyanobacteria Cells Intact during Coupled Chemical and Physical Drinking Water Treatment	<b>\$92,559</b>
<b>Ohio University</b>	Effective Sorbents for In-Situ Remediation of PFAS Impacted Groundwater in Ohio	<b>\$200,000</b>
<b>The Ohio State University</b>	The Ohio Water Resources Center: Amendment of Cooperative Agreement	<b>\$200,000</b>



**TOTAL**  
**\$951,376**

2020



## UN-SEWERED AREA ASSISTANCE FUND

During 2020, the Authority awarded \$3,250,000 in grant funds from the Un-sewered Area Assistance (USAA) Fund for six projects that will provide sewers to small and disadvantaged communities in Ohio. Developed in 2013 to address the dramatic financial need of small un-sewered areas, the USAA program provides additional financial assistance to communities undertaking the construction of new sewage treatment projects that had received funding from multiple agencies, yet are still unaffordable.

To be eligible, communities must have documented failing individual septic systems and a median household income (MHI) below the State's average MHI. In 2020, the following local governments were awarded funds from this program to construct gravity sewers and wastewater treatment facilities to replace 684 failing septic systems:

LOCAL GOVERNMENT	COUNTY	FAILING SEPTIC SYSTEMS	AMOUNT
West Union	Adams	22	\$750,000
West Milton	Miami	108	\$500,000
Chesterhill	Morgan	146	\$250,000
Dupont	Putnam	98	\$500,000
Williams County	Williams	90	\$1,000,000
West Farmington	Trumbull	220	\$250,000



## LOCAL ECONOMIC DEVELOPMENT LOAN PROGRAM

The Authority along with the State of Ohio Development Services Agency created the Local Economic Development Loan Program in 1995 to provide financial assistance to local governments for the construction of water and sewer projects needed for potential industries making a significant investment in the state and creating new jobs. In 2020, the Authority approved one local economic development loan.

BORROWER	PROJECT	AMOUNT
New Albany	Construction of 42-inch and 48-inch diameter sanitary sewer to serve the northern portion of the Blacklick Sewershed and the New Albany International Business Park.	\$15,000,000



## ALTERNATIVE STORMWATER INFRASTRUCTURE LOAN PROGRAM

The Authority along with the State of Ohio Development Services Agency created the Alternative Stormwater Infrastructure Loan Program in 2010 to provide financial assistance for stormwater management projects that promote economic development in a manner that is environmentally beneficial by reducing the volume of stormwater runoff, reducing pollutant loads and protecting against streambank erosion. In 2020, the Authority approved two alternative stormwater loans.

BORROWER	PROJECT	AMOUNT
Grandview Crossing Community Authority	Construction of zero discharge detention basin and associated stormwater components for the development of a mixed-use community near Grandview Heights, Ohio.	\$3,458,012
Marble Cliff Quarry Community Authority	Construction of pervious pavers and greenways to control stormwater from the development of an 80-acre mixed-use community on a former landfill in Columbus, Ohio.	\$3,114,013

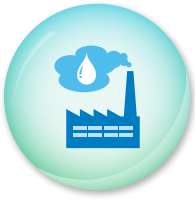
2020



## SOLID WASTE LOAN FUND

The Authority created the Solid Waste Loan Program in 1990 to provide financial assistance for the acquisition and construction of solid waste facilities such as materials recovery facilities, compost facilities, transfer stations, landfills, and incinerators. In 2020, the Authority awarded one solid waste loan.

BORROWER	PROJECT	AMOUNT
North Central Solid Waste District	Construction of a 20,000 square foot recycling facility to expand operations at the Union Recyclers Facility in Marysville, OH	\$2,658,272

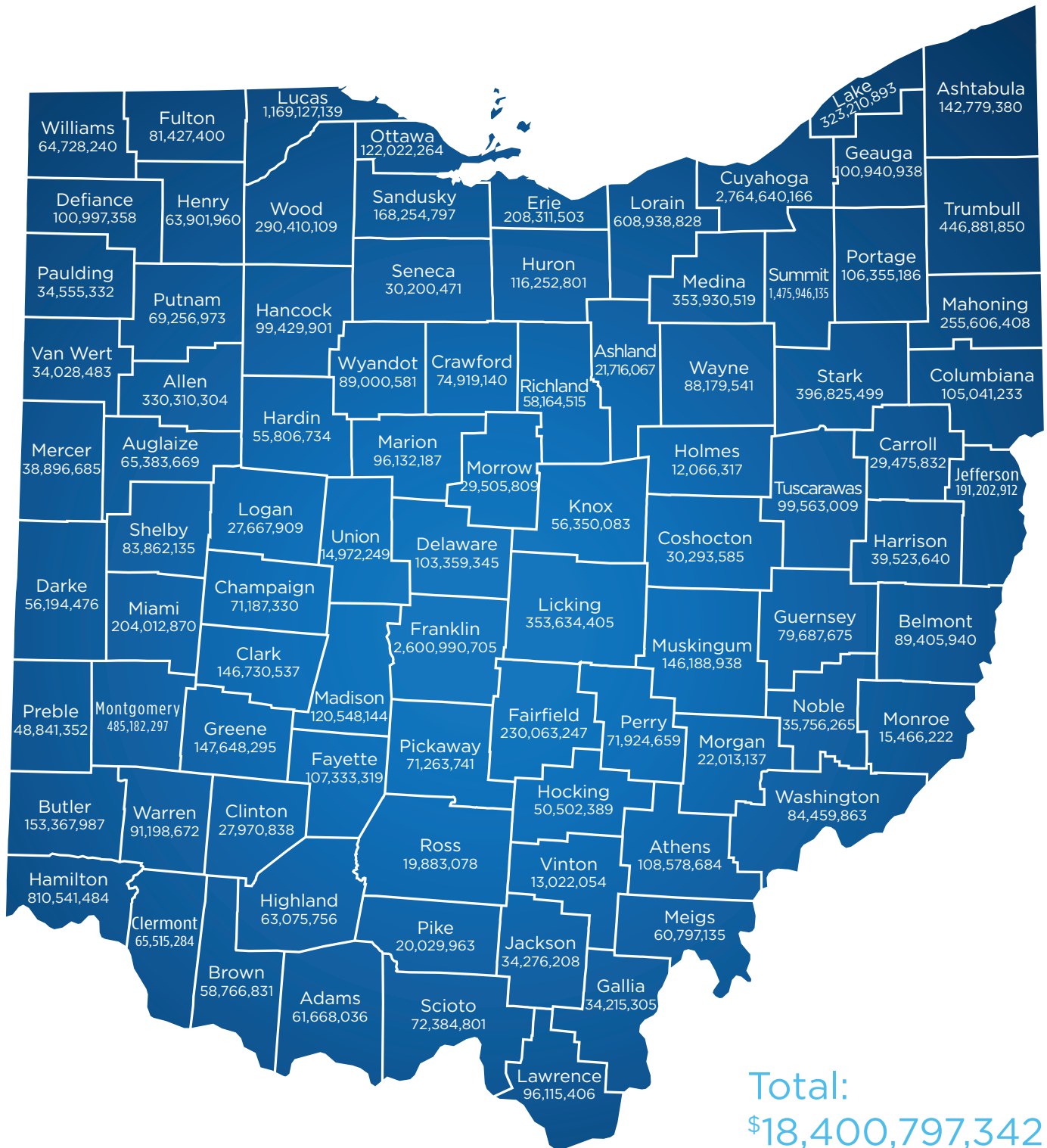


## BROWNFIELD LOAN PROGRAM

The Authority along with the State of Ohio Development Services Agency created the Brownfield Loan Program in 1995 to provide financial assistance for the undertaking of any “voluntary action” and thereby providing funding for the cleanup of contaminated property. In 2020, the Authority approved two brownfield loans.

BORROWER	PROJECT	AMOUNT
Gravity Project 2, LLC	Remediation of property located in the Franklinton neighborhood of Columbus for the construction of a mixed use development	\$3,000,000
Lincoln Partners, LLC	Remediation of contaminated soils on a property in the Tremont neighborhood of Cleveland for the construction of a residential and commercial development	\$2,800,000

# LOAN HISTORY BY COUNTY



Total:  
\$18,400,797,342

2020

# SUMMARY OF LOANS

	2020		2019		
	#	AMOUNT	#	AMOUNT	% OF 2019
<b>PLANNING</b>					
Water	43	\$10,788,392	57	\$11,740,540	92%
Sewer	55	\$68,996,228	51	\$23,907,515	289%
<b>PLANNING TOTAL</b>	<b>98</b>	<b>\$79,784,620</b>	<b>108</b>	<b>\$35,648,055</b>	<b>224%</b>
<b>CONSTRUCTION</b>					
Water	100	\$343,832,328	90	\$213,530,220	161%
Sewer	189	\$440,557,027	176	\$623,181,600	71%
Alternative Stormwater	2	\$6,572,025	0	\$0	
Brownfield	2	\$5,800,000	4	\$9,058,260	64%
Local Economic Development	1	\$15,000,000	2	\$18,938,378	79%
Solid Waste	1	\$2,658,272	1	\$1,505,250	177%
Unsewered Area	6	\$3,250,000	4	\$1,750,000	186%
<b>CONSTRUCTION TOTAL</b>	<b>301</b>	<b>\$817,669,652</b>	<b>277</b>	<b>\$867,963,708</b>	<b>94%</b>
<b>TOTAL</b>	<b>399</b>	<b>\$897,454,272</b>	<b>385</b>	<b>\$903,611,763</b>	<b>99%</b>



Development Services Agency



## LOCAL ECONOMIC DEVELOPMENT

Since 1995, OWDA had funded 46 projects for \$145M to provide financing for water and sewer projects for industries making significant investment in the state and creating new jobs



## BROWNFIELD

Since 1995, OWDA has awarded 30 projects for \$73M for the cleanup of contaminated sites for applicants who have elected to participate in Ohio EPA's Voluntary Action Program.



## ALTERNATIVE STORMWATER

Since 2010, OWDA has funded 11 projects for \$44M to promote projects that are environmentally beneficial by reducing stormwater runoff, pollutant loads, and protecting streambank erosion.

## OWDA'S PARTNERS



### Ohio Environmental Protection Agency

Since 1989, OWDA has administered the Water Pollution Control Loan Fund with OEPA; and since 1998 the Drinking Water Assistance Fund. Through these programs, OEPA offers principal forgiveness and 0% interest rates to communities who promote regionalization, correct combined sewer overflows, implement nutrient reduction, replace lead service lines, and who are disadvantaged.



### USDA Rural Development

Since 1996, OWDA has provided short-term financing for the construction of water and sewer facilities that will receive long-term financing from the United States Department of Agriculture. OWDA has funded 41 water projects totaling \$78M.

2020

# WATER PLANNING

RECIPIENT	COUNTY	AMOUNT
Akron	Summit	\$1,007,738
Ashtabula County	Ashtabula	\$212,742
Bellaire	Belmont	\$211,495
Belpre	Washington	\$45,200
Canton	Stark	\$2,938,454
DeGraff	Logan	\$42,900
Delphos	Allen	\$91,620
East Palestine	Columbiana	\$61,317
Elmore	Ottawa	\$35,726
Germantown	Montgomery	\$75,008
Granville	Licking	\$220,436
Greene County	Greene	\$2,113,875
Hopedale	Harrison	\$143,714
Kenton	Hardin	\$79,813
Logan	Hocking	\$152,025
Lorain	Lorain	\$302,555
Lowell	Washington	\$109,174
Madeira	Hamilton	\$416,954
Middleport	Meigs	\$240,504
Midvale	Tuscarawas	\$262,049

RECIPIENT	COUNTY	AMOUNT
Monroeville	Huron	\$34,459
Morgan-Meigsville Rural Water District	Morgan	\$53,300
Munroe Falls	Summit	\$92,321
Nashville	Holmes	\$14,400
Nelsonville	Athens	\$200,784
New Waterford	Columbiana	\$95,877
Pikeon	Pike	\$47,963
Port Clinton	Ottawa	\$92,857
Portsmouth	Scioto	\$587,048
Put-in-Bay	Ottawa	\$11,169
Richwood	Union	\$351,225
Scio	Harrison	\$99,500
South Point	Lawrence	\$105,996
Tuscarawas	Tuscarawas	\$171,303
Washingtonville	Columbiana	\$66,891
<b>TOTAL</b>		<b>\$10,788,392</b>

2020



# SEWER PLANNING

RECIPIENT	COUNTY	AMOUNT
Akron	Summit	\$10,683,059
Athens	Athens	\$1,417,864
Athens County	Athens	\$671,197
Bainbridge	Ross	\$192,889
Barberton	Summit	\$269,139
Belpre	Washington	\$143,501
Cadiz	Harrison	\$241,550
Caldwell	Noble	\$80,194
Canfield	Mahoning	\$352,879
Chagrin Falls	Cuyahoga	\$900,000
Columbiana County	Columbiana	\$119,366
Crestline	Crawford	\$1,500,000
Dayton	Montgomery	\$5,143,309
Fairview Park	Cuyahoga	\$450,000
Gnadenhutten	Tuscarawas	\$129,800
Greenwich	Huron	\$341,553
Grover Hill	Paulding	\$25,400
Harrison County	Harrison	\$203,304
Kenton	Hardin	\$330,000
Logan County	Logan	\$3,063,612
Lorain	Lorain	\$698,437
Manchester	Adams	\$132,000

RECIPIENT	COUNTY	AMOUNT
Mount Orab	Brown	\$128,348
Napoleon	Henry	\$1,254,091
Nelsonville	Athens	\$296,033
New Boston	Scioto	\$224,282
Northeast Ohio Regional Sewer District	Cuyahoga	\$29,082,627
Ontario	Richland	\$1,928,718
Piketon	Pike	\$891,938
Port Clinton	Ottawa	\$67,845
Put-in-Bay	Ottawa	\$12,200
Saint Henry	Mercer	\$238,350
Scio	Harrison	\$55,113
Shelby County	Shelby	\$565,538
South Charleston	Clark	\$92,120
Steubenville	Jefferson	\$1,574,853
Summit County	Summit	\$1,291,569
Toronto	Jefferson	\$244,107
Trimble Township WWT District	Athens	\$95,600
Walnut Creek Sewer District	Fairfield	\$131,000
Washington County	Washington	\$3,183,711
Wayne Lakes	Darke	\$201,954
West Lafayette	Coshocton	\$25,400
West Union	Adams	\$321,780
<b>TOTAL</b>		<b>\$68,996,228</b>

# WATER CONSTRUCTION

RECIPIENT	COUNTY	AMOUNT
Akron	Summit	\$61,631,142
Alexandria	Licking	\$831,591
Alliance	Stark	\$979,169
Aqua Ohio, Inc.	Ashtabula	\$3,833,169
Arlington	Hancock	\$98,116
Bolivar	Tuscarawas	\$1,047,709
Byesville	Guernsey	\$110,400
Cadiz	Harrison	\$3,180,636
Cambridge	Guernsey	\$1,575,188
Chagrin Falls	Cuyahoga	\$711,509
Cincinnati	Hamilton	\$11,361,049
Coal Grove	Lawrence	\$4,555,316
Columbus	Franklin	\$120,080,900
Commercial Point	Pickaway	\$6,407,755
Continental	Putnam	\$802,915
Coshocton	Coshocton	\$6,072,784
Delphos	Allen	\$447,566
Dresden	Muskingum	\$275,579
Franklin County	Franklin	\$1,618,775
Germantown	Montgomery	\$2,695,533
Glendale	Hamilton	\$2,084,481
Grafton	Lorain	\$251,059
Harrison	Hamilton	\$8,830,980
Hopedale	Harrison	\$124,376
Huron	Erie	\$942,134
Jewett	Harrison	\$1,075,645
Junction City	Perry	\$12,837
Kenton	Hardin	\$661,490
La Rue	Marion	\$666,601
LaGrange	Lorain	\$87,765
Lisbon	Columbiana	\$550,000
Madeira	Hamilton	\$1,851,990
Marietta	Washington	\$760,708
Martinsburg	Knox	\$128,832
Medina County	Medina	\$8,712,975
Monroeville	Huron	\$236,965
Montgomery County	Montgomery	\$4,494,263

RECIPIENT	COUNTY	AMOUNT
Morgan-Meigsville Rural Water District	Morgan	\$160,560
Mount Orab	Brown	\$206,821
Mount Pleasant	Jefferson	\$393,088
Muskingum County	Muskingum	\$4,168,688
New Concord	Muskingum	\$121,990
New Straitsville	Perry	\$45,214
New Waterford	Columbiana	\$2,394,947
Northwestern Water & Sewer District	Wood	\$5,107,927
Oregon	Lucas	\$867,514
Philo	Muskingum	\$20,880
Pike Water, Inc.	Pike	\$246,800
Pomeroy	Meigs	\$497,764
Portersville East Branch Water Co.	Morgan	\$356,104
Rittman	Wayne	\$403,368
Roseville	Muskingum	\$719,266
Saint Clairsville	Belmont	\$270,809
Sardinia	Brown	\$98,611
Scioto Water, Inc.	Scioto	\$558,095
Sebring	Mahoning	\$1,290,091
Sheffield Lake	Lorain	\$577,013
Smithville	Wayne	\$901,189
Somerset	Perry	\$636,020
South Amherst	Lorain	\$261,770
Southern Perry County Water District	Perry	\$461,910
Southwest Licking Community W & S District	Licking	\$5,487,748
Sunday Creek Valley Water District	Athens	\$1,370,370
Toledo	Lucas	\$37,843,872
Tuscarawas County	Tuscarawas	\$44,600
Urbana	Champaign	\$1,610,333
Wakeman	Huron	\$180,915
Warren County	Warren	\$15,307,043
West Liberty	Logan	\$218,606
West Milton	Miami	\$152,983
Woodville	Sandusky	\$1,059,519
<b>TOTAL</b>		<b>\$343,832,328</b>

2020

# SEWER CONSTRUCTION

RECIPIENT	COUNTY	AMOUNT
Akron	Summit	\$12,420,520
Archbold	Fulton	\$4,064,914
Ashland County	Ashland	\$150,000
Ashtabula County	Ashtabula	\$100,000
Athens	Athens	\$3,052,786
Athens County	Athens	\$150,000
Barberton	Summit	\$786,681
Belmont County	Belmont	\$150,000
Berea	Cuyahoga	\$559,347
Bloomington	Fayette	\$91,329
Bowling Green	Wood	\$5,416,585
Brown County Health Department	Brown	\$150,000
Butler County	Butler	\$150,000
Byesville	Guernsey	\$231,019
Caldwell	Noble	\$479,753
Canal Winchester	Fairfield	\$50,000
Carroll	Fairfield	\$298,088
Carroll County	Carroll	\$150,000
Chagrin Falls	Cuyahoga	\$4,624,254
Chesterhill	Morgan	\$4,862,781
Clark County	Clark	\$150,000
Clermont County General Health District	Clermont	\$150,000
Columbiana County Health Department	Columbiana	\$150,000
Columbus	Franklin	\$49,466,042
Columbus Public Health	Franklin	\$150,000
Coshocton County	Coshocton	\$100,000
Crawford County General Health District	Crawford	\$150,000
Cuyahoga County Board of Health	Cuyahoga	\$150,000
Darke County General Health District	Darke	\$150,000
Dayton	Montgomery	\$7,888,407
Defiance County General Health District	Defiance	\$150,000
Dupont	Putnam	\$4,000,000
Eastlake	Lake	\$3,934,246
Eldorado	Preble	\$660,393
Elyria	Lorain	\$4,616,212

RECIPIENT	COUNTY	AMOUNT
Erie County Health Department	Erie	\$150,000
Fairfield County Department of Health	Fairfield	\$150,000
Fayette County Soil & Water Conservation District	Fayette	\$150,000
Fostoria	Hancock	\$13,491,892
Franklin County Public Health	Franklin	\$150,000
Fulton County Health Department	Fulton	\$150,000
Gallia County	Gallia	\$150,000
Geauga County	Geauga	\$7,909,869
Geauga County Health District	Geauga	\$150,000
Genoa	Ottawa	\$1,842,830
Grafton	Lorain	\$361,334
Grand Rapids	Wood	\$254,448
Gratis	Preble	\$451,376
Hamilton	Butler	\$3,211,200
Hamilton County	Hamilton	\$150,000
Hancock County	Hancock	\$150,000
Hardin County	Hardin	\$100,000
Harrison County General Health District	Harrison	\$150,000
Henry County	Henry	\$150,000
Highland County General Health District	Highland	\$150,000
Hocking County	Hocking	\$5,447,160
Holmes County	Holmes	\$150,000
Huron County	Huron	\$150,000
Jackson	Jackson	\$643,658
Jackson County Health Department	Jackson	\$150,000
Jefferson County	Jefferson	\$150,000
Lake County General Health District	Lake	\$150,000
Lancaster	Fairfield	\$26,592,675
Lawrence County Health Department	Lawrence	\$150,000
Licking County Health Department	Licking	\$150,000
Lima	Allen	\$2,066,196
Lindsey	Sandusky	\$18,000
Logan County Health District	Logan	\$150,000

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# SEWER CONSTRUCTION

RECIPIENT	COUNTY	AMOUNT
Lorain County	Lorain	\$150,000
Louisville	Stark	\$5,477,527
Madison County/London City Health District	Madison	\$150,000
Mahoning County District Board of Health	Mahoning	\$150,000
Marietta	Washington	\$1,459,361
Marion County Public Health	Marion	\$100,000
Medina County	Medina	\$150,000
Meigs County General Health Department	Meigs	\$100,000
Mercer County	Mercer	\$75,000
Miami County Public Health	Miami	\$150,000
Mingo Junction	Jefferson	\$5,431,331
Monroe County	Monroe	\$150,000
Monroeville	Huron	\$1,218,467
Montgomery County	Montgomery	\$4,819,322
Morgan County	Morgan	\$150,000
Muskingum County	Muskingum	\$150,000
New Boston	Scioto	\$258,784
New Concord	Muskingum	\$157,641
Newark	Licking	\$25,735,367
North Hampton	Clark	\$400,000
North Royalton	Cuyahoga	\$6,066,097
Northeast Ohio Regional Sewer District	Cuyahoga	\$79,556,817
Northwestern Water & Sewer District	Wood	\$3,090,810
Oregon	Lucas	\$1,250,000
Ottawa County Health Department	Ottawa	\$150,000
Pataskala	Licking	\$1,500,000
Paulding County Health Department	Paulding	\$150,000
Perrysville	Ashland	\$1,124,000
Pickaway County General Health District	Pickaway	\$150,000
Pike County General Health District	Pike	\$150,000
Pomeroy	Meigs	\$3,746,300
Portage County Combined General Health District	Portage	\$150,000
Preble County General Health District	Preble	\$100,000

RECIPIENT	COUNTY	AMOUNT
Putnam County Health Department	Putnam	\$150,000
Richland County	Richland	\$150,000
Roseville	Muskingum	\$200,000
Ross County	Ross	\$150,000
Sandusky	Erie	\$6,799,371
Sandusky County	Sandusky	\$2,329,441
Sandusky County Health Department	Sandusky	\$150,000
Scioto County	Scioto	\$1,352,828
Seneca County General Health District	Seneca	\$150,000
Shelby	Richland	\$150,000
Springfield	Clark	\$7,549,400
Stark County Health Department	Stark	\$150,000
Summit County	Summit	\$14,030,986
Toledo-Lucas County Health Department	Lucas	\$150,000
Trumbull County	Trumbull	\$1,663,527
Tuscarawas County Health Department	Tuscarawas	\$150,000
Union County Health Department	Union	\$150,000
Urbana	Champaign	\$366,038
Vinton County	Vinton	\$100,000
Warren	Trumbull	\$46,900,515
Warren County Combined Health District	Warren	\$150,000
Washington County Health Department	Washington	\$150,000
Wayne County Health Department	Wayne	\$150,000
West Farmington	Trumbull	\$7,622,061
West Milton	Miami	\$905,588
West Salem	Wayne	\$6,162,054
West Union	Adams	\$2,651,715
Williams County Health Department	Williams	\$150,000
Willoughby	Lake	\$6,713,608
Wintersville	Jefferson	\$2,180,042
Wood County Health District	Wood	\$150,000
Wyandot County General Health District	Wyandot	\$150,000
Youngstown	Mahoning	\$10,866,728
Zanesville	Muskingum	\$952,306
<b>TOTAL</b>		<b>\$440,557,027</b>

2020

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*Designee*

**Mindy Bankey**  
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*Senior Accounting Specialist*

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*Computer Analyst*

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*Administrative Assistant*

**Lisa Haid**  
*Human Resources/ Administrative Manager*

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*RBC Global Asset Management  
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*Wells Capital Management*

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**Ohio Water**  
Development Authority

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Ohio Water  
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