



2019 Annual Report



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FINANCIAL ASSISTANCE DIVISION

Our Mission Statement:

We Provide assistance for water and wastewater projects.



JOE FREEMAN, DIVISION CHIEF

LORI JOHNSON, ASSISTANT DIVISION CHIEF



Back Row L to R Jerri Hargis, Lindy Clay, Laura Oak, Kar Tang

Middle Row L to R Sara Senyondo, Connie Guinn, Greg Johnson, Charles de Coune, Joe Freeman, Lori Johnson, Bryce Callies, Andy Allen, Hernan Fernandez

Front Row L to R Kelly Jasper, Brenda Hansel, Claressa Bailey, Kate Burum, Tonya White, Paula Mills

Not Pictured Vivek Rajaraman and Alpha Thapa



STATE OF OKLAHOMA WATER RESOURCES BOARD

www.owrb.ok.gov



The OWRB was created in the 1950s, during the worst drought in state history and at a time when water pollution problems were becoming a major concern due to rapid growth and development. A 1955 House Joint Resolution established a committee of legislators and citizens to travel the state gathering information on local water concerns. Their State Water Policy recommendations led to the creation of the OWRB with the charge of administering water rights, establishing water quality standards, and developing state and local projects to ensure effective use of water resources.

Through collective input and collaboration, we continue to build on this groundwork. The 2012 Oklahoma Comprehensive Water Plan (OCWP) repeated the original statewide initiative and became the most robust public engagement process in state history. Since then, the OWRB has been working diligently with many state and federal agencies, local and tribal governments, private companies, and citizens to implement OCWP recommendations.

With the goal of using no more fresh water in 2060 than in 2010, the Water for 2060 Act (2012) and several recent pieces of legislation are helping focus efforts to stretch existing water supplies, explore development of untapped marginal quality waters and aquifer storage, and identify practical conservation, efficiency, and reuse practices in every sector.

The Clean Water State Revolving Fund (CWSRF) program has been critical in helping communities ensure the beneficial uses of the state's waters are protected and maintained. The program now also provides unparalleled financial assistance for communities to construct projects focused on the goal of the Water for 2060 Act. Last year, the CWSRF program funded several innovative projects, including dam and spillway repair, automatic metering infrastructure, and streetscapes made of permeable surfaces.

Through the OWRB's financial assistance programs, we are making great strides in meeting the \$82 billion water and wastewater infrastructure need identified by the OCWP. Since 1983, the programs have continuously provided Oklahoma communities with the means to implement water resources projects at a reduced cost. I look forward to a bright future as we continue to discover innovative financing solutions.

The OWRB remains committed to promoting the value of water and fostering partnerships to leverage funding and advance research and technology. Together, we will ensure that Oklahoma moves forward as a national leader in water resources management and investment.

Sincerely,

Julie Cunningham

Executive Director



THE OKLAHOMAN

3800 N. CLASSEN BOULEVARD • OKLAHOMA CITY, OKLAHOMA 73118
TELEPHONE (405) 530-8800 • FAX (405) 530-8900

Stephen B. Allen • Jennifer Castillo • Charles Darby • Bob Drake
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STATE OF OKLAHOMA WATER RESOURCES BOARD

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The Financial Assistance Division of the Oklahoma Water Resources Board (ORWB) is dedicated to assisting communities and rural districts in maintaining adequate water and wastewater facilities. Since 1983, we have provided approximately 65% of all the financing for Oklahoma's water and wastewater infrastructure needs. To date, we have funded over \$4.3 billion in projects with our loan and grant programs which in turn led to savings of over \$1.5 billion for Oklahoma communities and rural districts.

To remain customer focused and service aware, Oklahoma's CWSRF provided loan forgiveness in an amount equal to 10% of its capitalization grant. Our loan forgiveness structure is a phased format to assist eligible recipients in communities with a population of 3,300 or less. Phase I funding is for planning and design, that results in a Permit to Construct, on an eligible project. Phase II requires evidence to confirm a Permit to Construct has been submitted on an eligible project and may be eligible for up to \$200,000 or 50% of eligible costs, whichever is lower. Additional information and guidance is available on our CWSRF webpage at <http://www.owrb.ok.gov/financing/loan/callforprojects.php>.

In SFY 2019, OWRB and Oklahoma Rural Water Association (ORWA), partnered together to provide long range planning for communities in Oklahoma. Such trainings provide education on the water and wastewater planning guides, Fiscal Sustainability Plan requirements, system resiliency and sustainability and provides mapping of their system infrastructure. OWRB and Northbridge Environmental Consulting worked on a Pilot State Marketing Plan for EPA to help other states market their SRF Programs. The Elations contract for Davis Bacon software was approved in SFY 2019. This will allow our borrowers to use a cloud based reporting and management system for labor and contract compliance for both federal and local prevailing wage projects.

The Division looks forward to meeting challenges set forth by the state goals of the Water for 2060 Act and the eligibilities that came out of the Water Resources Reform and Development Act (WRRDA) of 2014. We are pleased that we can play such a significant role in helping finance solutions identified in the Water for 2060 Advisory Council's final report for recommendations for encouraging efficient water use across all of Oklahoma's major water use sectors. Given the excellent rapport that we share with so many communities and water users around our state, we are in a prime position to provide public education and outreach to encourage conservation, reuse, sustainability, planning, conservation pricing, consolidation, system cooperation, and so much more.

We strive to accomplish both sound financing and unparalleled environmental protection in all of our loan and grant programs. The Financial Assistance Division is proud of our AAA ratings on all of our bond issues as well as our use of innovative means to assist in meeting Oklahoma's water resources and infrastructure needs.

Work completed through the Oklahoma Comprehensive Water Plan process documented a tremendous need of over \$44 billion through the year 2060 for wastewater investments in Oklahoma. It will take the efforts of all of us in the industry to meet this great challenge.

We look forward to continuing our role in helping Oklahoma build its future.

Sincerely,

Joe Freeman, Chief

Financial Assistance Division



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INTRODUCTION

The federal Clean Water Act (CWA) requires a report of the annual Clean Water State Revolving Fund (CWSRF) activities. The OWRB hereby submits the CWSRF Annual Report for the State Fiscal Year (SFY) 2019, July 1, 2018 through June 30, 2019.

This report describes sources and uses of funds, environmental performance of construction activities, the OWRB's financial position, as well as the manner in which the OWRB met the SFY 2019 Intended Use Plan (IUP) goals and objectives.

The OWRB has agreed to submit this report to the Environmental Protection Agency (EPA) within 90 days following the end of the fiscal year. In addition, Oklahoma Statutes require an annual report be submitted to the Governor and Legislature within 120 days of the end of the state fiscal year. This report is intended to fulfill both requirements.

EXECUTIVE SUMMARY

Since 1990, the OWRB's CWSRF Program has approved over \$1.7 billion in wastewater and water quality infrastructure projects throughout the state, historically providing over 60% of Oklahoma's wastewater financing needs. Although enormous progress has been made in addressing Oklahoma's wastewater infrastructure needs, much work is still required. Based on the 2012 Oklahoma Comprehensive Water Plan (OCWP), anticipated wastewater infrastructure needs through 2060 are more than \$44 billion (in 2010 dollars), figure 1.

The CWSRF plays a crucial role in meeting this ever-growing need by providing financing at 40% below market interest rates with standalone AAA bond ratings. The AAA rating allows the OWRB to provide access to significantly lower interest rates than those obtained through local debt issuance. Utilizing the CWSRF Program has saved Oklahomans an estimated \$441.8 million in principal and interest.

In SFY 2019, Oklahoma's CWSRF committed approximately \$90.1 million in loans for projects listed on the SFY 2019 Project Priority List (PPL).



FIGURE 1: PROJECTED STATEWIDE WASTEWATER INFRASTRUCTURE COST BY REGION (2010 DOLLARS)

PROJECT ACTIVITY

Capital financing through the CWSRF Program enables Oklahoma’s wastewater systems to meet treatment standards for wastewater. These discharges into the State’s rivers and lakes are in accordance with the National Pollutant Discharge Elimination System (NPDES), administered by the Oklahoma Department of Environmental Quality (ODEQ). For SFY 2019, the OWRB conducted twenty (20) environmental reviews and appropriate determinations were executed and distributed using the EPA-approved State Environmental Review Process (SERP) prior to providing assistance.

The SFY 2019 projects allowed borrowers to cost-effectively:

- Develop an engineering plan and design for infrastructure improvements;
- Rehabilitate aging treatment plants and collection lines;
- Expand capacity to meet anticipated population and economic growth opportunities throughout the projects’ design life;
- Attain compliance with State effluent discharge requirements to protect Oklahoma’s water resources; and
- Aim to improve the quality of priority rivers and lakes identified as threatened or impaired by reducing pollutant loading.

Sixteen (16) Oklahoma entities received binding commitments (Table 1) totaling approximately \$90.1 million for the following activities during SFY 2019:

- Construction of new treatment and collection systems;
- Planning and design;
- Dam rehabilitation;
- Green Infrastructure;
- Rehabilitation of existing wastewater facilities; and
- Water efficiency projects.

In SFY 2019, Broken Arrow MA, Elk City PWA, Durant City UA, and Shawnee MA addressed the EPA’s Green Project Reserve (GPR) initiative via the incorporation of water efficient devices and green infrastructure.

Elk City PWA, Haileyville PWA, Carney PUA, Meeker PWA, Calumet PWA, Weleetka PWA, Coalgate PWA and Inola PWA received additional subsidy in the form of “Loan Forgiveness” totaling \$1.29 million. In total, systems approved by the OWRB for funding are expected to save more than an estimated \$12.9 million in principal and interest for the life of the loans.

The following pages highlight the loans which were funded by the CWSRF Program in SFY 2019. For each loan, details including the project description, binding commitment amount, assistance provided, GPR amount as well as the status of construction as of June 30, 2019.

TABLE 1: PROJECTS IDENTIFIED FOR RECEIVING CWSRF ASSISTANCE WITHIN SFY 2019**PART 1: SECTION 212 PUBLICLY OWNED TREATMENT WORKS**

BORROWER	PROJECT NUMBER	ASSISTANCE PROVIDED REPORTABLE TO NIMS 2019	BINDING COMMIT. REPORTABLE TO ANNUAL REPORT 2019	BINDING COMMIT. DATE	TYPE	LOAN CLOSING DATE	% INTEREST RATE ON LOAN***	ESTIMATED SAVINGS	LOAN MATURE DATE
Meeker Public Works Authority**	ORF-19-0003-CW	\$60,000.00	\$60,000.00	8/21/18	L	8/22/18	N/A	\$70,000.00	3/15/29
Carney Public Utilities Authority**	ORF-18-0011-CW	\$104,850.00	\$104,850.00	8/21/18	L	8/22/18	N/A	\$112,850.00	3/15/29
Calumet Public Works Authority**	ORF19-0007-CW	\$1,100,000.00	\$1,100,000.00	8/21/18	L	8/22/18	2.58	\$531,000.00	3/15/19
Inola Public Works Authority**	ORF-19-0012-CW	\$300,000.00	\$300,000.00	8/21/18	L	12/20/18	N/A	\$324,000.00	9/15/19
Haileyville Public Works Authority**	ORF18-0008-CW	\$40,850.00	\$48,600.00	9/18/18	L	11/7/18	N/A	\$58,850.00	3/15/29
Broken Arrow Municipal Authority*	ORF-17-0005-CW	\$3,495,480.00	\$4,255,000.00	12/6/18	L	1/24/19	2.57	\$373,000.00	9/15/46
Miami Special Utilities Authority*	ORF-14-0011-CW	N/A	\$4,450,000.00	4/18/18	L	9/5/19	1.74	\$301,000.00	3/15/41
Weleetka Public Works Authority**	ORF-19-0008-CW	\$400,000.00	\$400,000.00	12/6/18	L	12/6/18	2.55	\$280,000.00	3/15/39
Oklahoma City Water Utilities Trust*	ORF-19-0016-CW	\$34,150,000.00	\$34,150,000.00	1/15/19	L	1/30/19	2.65	\$3,758,000.00	9/15/50
Tulsa Metropolitan Utility Authority*	ORF-19-0001-CW	\$10,626,000.00	\$10,626,000.00	2/19/19	L	4/1/19	2.32	\$593,000.00	9/15/41
Laverne Public Works Authority*	ORF-19-0018-CW	\$1,375,000.00	\$1,530,000.00	4/16/19	L	5/7/19	2.33	\$463,000.00	9/15/49
Coalgate Public Works Authority**	ORF-19-0009-CW	\$400,000.00	\$400,000.00	4/16/219	L	4/16/19	2.22	\$294,000.00	3/15/40
Broken Arrow Municipal Authority*	ORF-19-0021-CW	\$11,415,000.00	\$11,415,000.00	5/21/19	L	6/10/19	2.59	\$382,000.00	3/15/41
Frederick Public Works Authority****	ORF-13-0011-CW	-\$199,479.00	N/A	9/17/13	L	10/25/13	3.18	N/A	9/15/44
Norman Utilities Authority****	ORF-14-0005-CW	-\$7,785,168.00	N/A	4/15/14	L	4/29/14	2.25	N/A	9/15/27
PART 1 TOTAL		\$55,482,533.00	\$68,839,450.00					\$7,540,700.00	

PART 2: SECTION 319 NONPOINT SOURCE MANAGEMENT PROGRAMS

BORROWER	PROJECT	ASSISTANCE	B.C. AMOUNT	B.C. DATE	TYPE	CLOSING	% INTEREST***	EST. SAVINGS	LOAN MATURE
Duncan Public Works Authority*	ORF-19-0017-CW	\$11,325,000.00	\$11,325,000.00	12/6/18	L	12/17/18	2.78	\$4,156,000.00	9/15/50
Elk City Public Works Authority**	ORF-18-0004-CW	\$191,000.00	\$191,000.00	12/6/18	L	12/6/18	N/A	\$210,000.00	9/15/29
PART 2 TOTAL		\$11,516,000.00	\$11,516,000.00					\$4,366,000.00	

PART 3: SECTION 603(c)(6) REDUCTION OF DEMAND CAPACITY THROUGH WATER CONSERVATION, EFFICIENCY AND REUSE

BORROWER	PROJECT	ASSISTANCE	B.C. AMOUNT	B.C. DATE	TYPE	CLOSING	% INTEREST***	EST. SAVINGS	LOAN MATURE
Shawnee Municipal Authority*	ORF-19-0020-CW	\$5,380,000.00	\$5,745,000.00	4/16/19	L	5/28/19	1.93	\$709,000.00	3/15/35
Durant City Utilities Authority*	ORF-19-0019-CW	\$4,000,000.00	\$4,000,000.00	6/18/19	L	6/25/19	2.01	\$582,000.00	3/15/40
Broken Arrow Municipal Authority *	ORF-17-0005-CW	\$759,520.00	SEE ABOVE	12/6/18	L	1/24/19	2.57	SEE ABOVE	9/15/46
PART 3 TOTAL		\$10,139,520.00	\$9,745,000.00					\$1,291,000.00	

GRAND TOTAL (CWSRF Projects)₁		\$81,588,053.00	\$90,100,450.00					\$13,197,700.00	
GRAND TOTAL (All Projects)		\$81,588,053.00	\$90,100,450.00					\$13,197,700.00	

₁ , the sum of the totals of PARTS 1, 2 & 3

E=Equivalency; L = Direct Loans; R = Refinance ;(Incr.) = Increase in Binding Commitment amount, (Dec.) = Decrease in Binding Commitment amount

* Total estimated savings calculated includes interest saved on the Promissory Note amount using the CWSRF program vs self or private financing; rounded to the nearest thousand

** Total estimated savings calculated includes principal forgiveness plus interest saved on the Promissory Note amount

*** Interest Rate includes 0.5% administrative fee

**** Negative dollars is a De-Obligation

BROKEN ARROW MUNICIPAL AUTHORITY

ORF-17-0005-CW

Binding Commitment

Approval: \$4,255,000 Approval Date: 12/06/2018

Assistance Provided

Loan Amount: \$4,255,000 Funded Date: 1/24/2019
 Percent Complete as of 6/30/2019: 100% Additional Subsidization: N/A
 GPR: Water Efficiency \$759,520 Estimated Savings: \$373,000

ORF-19-0021-CW

Binding Commitment

Approval: \$11,415,000 Approval Date: 5/21/2019

Assistance Provided

Loan Amount: \$11,415,000 Funded Date: 6/10/2019
 Percent Complete as of 6/30/2019: 0.98% Additional Subsidization: N/A
 GPR: N/A Estimated Savings: \$382,000

The Broken Arrow Municipal Authority (Authority) is a thriving community located in Tulsa County and currently serves 34,650 sewer and 36,596 water customers. The Authority's population is 98,850 according to the 2010 US Census.

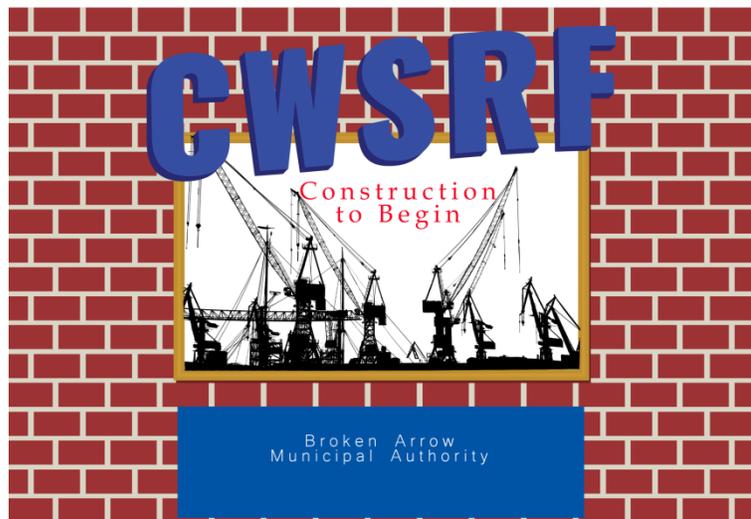
The Broken Arrow Municipal Authority owns and operates an activated sludge system at the Lynn Lane Wastewater Treatment Plant (WWTP) with a designed flow capacity of 8 million gallons per day (MGD). The Authority also treats effluent at Haikey Creek WWTP. This facility is owned by Regional Metropolitan Utility

Authority (RMUA) and is shared by the Authority and the City of Tulsa. Both entities share the cost of repairs and rehabilitation to Haikey Creek WWTP. This plant's treatment process is an oxidation ditch and is currently designed for 16 MGD daily flow. Both WWTPs discharge into the Arkansas River which is on the Oklahoma's 303(d) list of impaired water bodies for enterococcus and turbidity.

The Authority will utilize the Oklahoma Clean Water State Revolving Fund (CWSRF) proceeds to rehabilitate the west clarifier at the Lynn Lane WWTP by replacing the drive assembly, power supply, internal concrete repairs, return sludge pumping/piping improvements, and scum handling improvements. They will also construct a non-potable water system that will utilize plant effluent for in-plant use, belt-filter wash water, plant yard hydrants and supply to the headwork screen washing and grit removal.

They will also make improvements to the Haikey Creek WWTP to include, replacing four (4) brush aerators, upgrade the electrical system at the WWTP and lift station, four (4) new aeration basins, construct a new junction box, new headworks junction box, build a new blower house and other appurtenances.

Both projects will improve system reliability and help meet NPDES discharge requirements on the Arkansas River.



CALUMET PUBLIC WORKS AUTHORITY ORF-19-0007-CW

Binding Commitment

Approval: \$1,100,000 Approval Date: 8/21/2018

Assistance Provided

Loan Amount: \$1,100,000 Funded Date: 8/22/2018

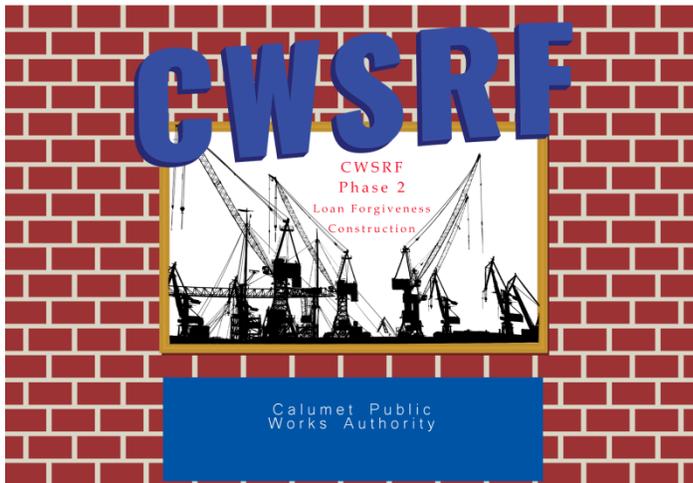
Percent Complete as of 6/30/2019: 17.82% Additional Subsidization: \$200,000

GPR: N/A Estimated Savings: \$531,000

The Calumet Public Works Authority (Authority) is located in Canadian County 40 miles northwest of Oklahoma City and currently serves 300 water and sewer customers. The Authority's population is 507 according to the 2010 US Census.

Calumet operates a total retention lagoon Wastewater Treatment Plant (WWTP) with a designed flow capacity of 0.051 million gallons per day (MGD).

In 2018, the Authority utilized the Oklahoma Clean Water State Revolving Fund (CWSRF) loan program for a wastewater collection system assessment. That assessment resulted in the Authority needing to repair and replace 59 manholes, approximately 10,535 linear feet of sewer lines and other related construction and appurtenances throughout the system. Improvements to the system will reduce the amount of inflow and infiltration (I&I) in system.



The Authority utilized the SFY 2019 CWSRF program to fund the construction portion of the project, \$200,000 in loan forgiveness and \$900,000 in a CWSRF loan from the Oklahoma Water Resources Board.

CARNEY PUBLIC UTILITIES AUTHORITY ORF-18-0011-CW

Binding Commitment

Approval: \$104,850 Approval Date: 8/21/2018

Assistance Provided

Loan Amount: \$104,850 Funded Date: 8/22/2018

Percent Complete as of 6/30/2019: 100% Additional Subsidization: \$104,850

GPR: N/A Estimated Savings: \$112,850

The Carney Public Utilities Authority (Authority) is located in Lincoln County 46 miles northeast of Oklahoma City and currently serves 286 water and sewer customers. The Authority's population is 641 according to the 2010 US Census.

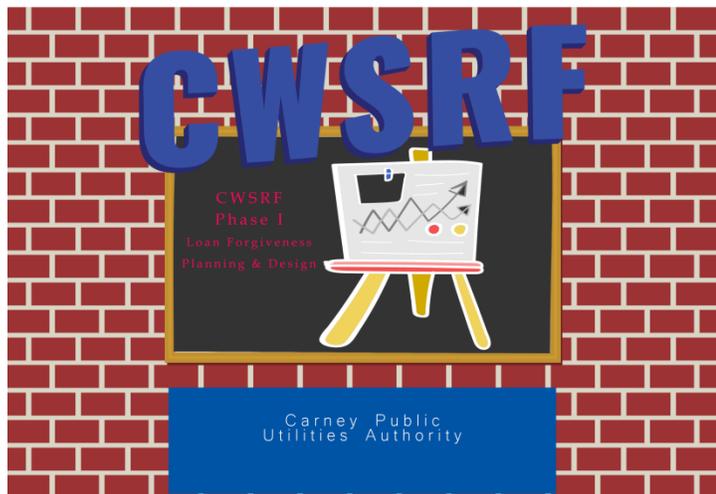
The Authority owns and operates a lagoon wastewater collection system. The system consists of approximately 28,850 feet of gravity flow lines and 2,400 feet of force mains and a three cell flow-through lagoon treatment facility.

Carney PUA will utilize the funds for engineering studies, planning, and evaluation of the sanitary sewer collection system.

Recommended improvements will be made based on the findings of the studies and help

to reduce the amount of inflow and infiltration which will also reduce unintended flows to the wastewater system.

This project was funded by a 100% principal forgiveness loan through the Oklahoma Clean Water State Revolving Fund (CWSRF) additional subsidization.



COALGATE PUBLIC WORKS AUTHORITY ORF-19-0009-CW

Binding Commitment

Approval: \$400,000 Approval Date: 4/16/2019

Assistance Provided

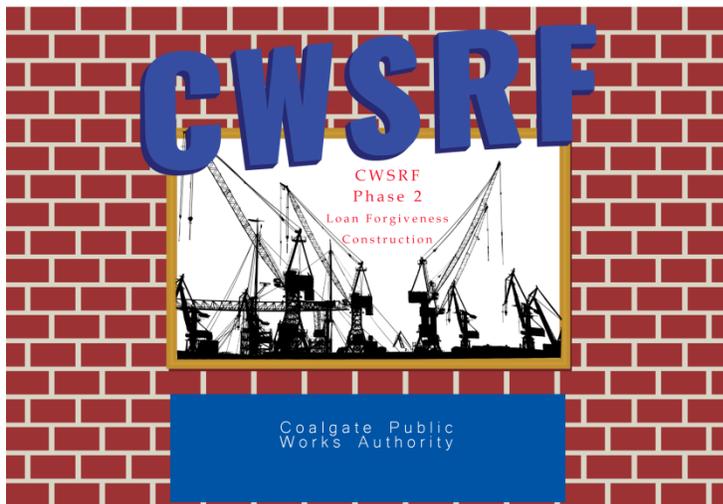
Loan Amount: \$400,000 Funded Date: 4/19/2019

Percent Complete as of 6/30/2019: 6.6% Additional Subsidization: \$200,000

GPR: N/A Estimated Savings: \$294,000

The Coalgate Public Works Authority (Authority) located in Coal County currently serves 781 sewer customers. According to the 2010 US Census Authority's population is 1,967.

The City of Coalgate operates an aerated lagoon Wastewater Treatment Plant (WWTP) with a designed flow capacity of 0.22 million gallons per day (MGD). Its receiving stream is an unnamed tributary to Brier Creek.



In 2018, the Authority utilized the Oklahoma Clean Water State Revolving Fund (CWSRF) loan proceeds for planning and assessment and a sanitary sewer evaluation study (SSES). The recommendation from that study was to make improvements to the Ringles lift station. More specifically, install new submersible pumps in a wet well, replace the generator and automatic controls and remove the old below grade pumps and backfill underground enclosure.

The Authority utilized the SFY 2019 CWSRF program to fund the construction portion of the project, \$200,000 in loan forgiveness and

\$200,000 in a CWSRF loan from the Oklahoma Water Resources Board.

DUNCAN PUBLIC UTILITIES AUTHORITY ORF-19-0017-CW

Binding Commitment

Approval: \$11,325,000 Approval Date: 12/6/2018

Assistance Provided

Loan Amount: \$11,325,000 Funded Date: 12/17/2018

Percent Complete as of 6/30/2019: 2.33% Additional Subsidization: N/A

GPR: N/A Estimated Savings: \$4,156,000

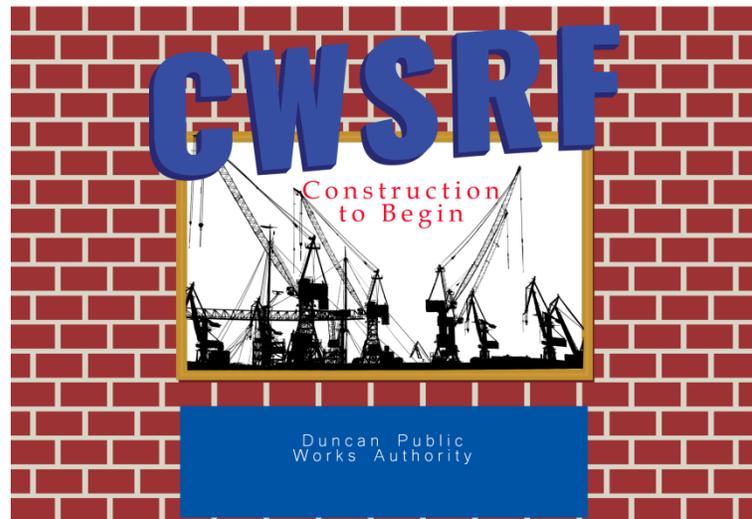
The Duncan Public Utilities Authority (Authority) is located in Stephens County approximately 10 miles south of Marlow. Based on the 2010 US Census the Authority's population is 23,413.

The Authority is repairing the existing Clear Creek Lake Dam spillway. This spillway has been damaged over time due to wear and tear and a missing section of the spillway due to damage sustained from the historic 2016 flood event.

The Authority had a study completed in June 2018 where they selected to replace the spillway with a Semi-Circular Weir with Steepened Chute.

Improvements included constructing a positive cutoff upstream of the spillway crest to mitigate seepage under the new structure, new semi-circular spillway with steepened chutes, stilling basin, and three feet thick riprap.

This project was approved as a Nonpoint Source (NPS) project through the CWSRF program as it will help to prevent additional sediment, nutrients and salts from being washed downstream into Wildhorse Creek.



DURANT CITY UTILITIES AUTHORITY ORF-19-0019-CW

Binding Commitment

Approval: \$4,000,000 Approval Date: 6/18/2019

Assistance Provided

Loan Amount: \$4,000,000 Funded Date: 6/25/2019

Percent Complete as of 6/30/2019: 1.26% Additional Subsidization: N/A

GPR: Water Efficiency \$4,000,000 Estimated Savings: \$582,000

The Durant City Utilities Authority (Authority) is located in Bryan County and currently serves 6,278 sewer connections. According to the 2010 US Census, the population for Durant is 15,856.



The Authority owns and operates a 5 flow-through lagoon wastewater treatment plant (WWTP) with a designed flow capacity of 4 million gallons per day (MGD). Once water is treated, it is discharged into Caney Creek which flows to the Red River.

The Clean Water State Revolving Fund (CWSRF) funded this project which includes installing 5,400 automatic meter reader (AMR) water meters and related electronic sender/receiver infrastructure.

Improvements from this project will be early leak detection there by improving health due to contamination and reduce unintended flows to the WWTP.

ELK CITY PUBLIC WORKS AUTHORITY ORF-18-0004-CW

Binding Commitment

Approval: \$191,000 Approval Date: 12/6/2018

Assistance Provided

Loan Amount: \$191,000 Funded Date: 12/6/2018

Percent Complete as of 6/30/2019: 0% Additional Subsidization: \$191,000

GPR: Green Infrastructure \$191,000 Estimated Savings: \$210,000

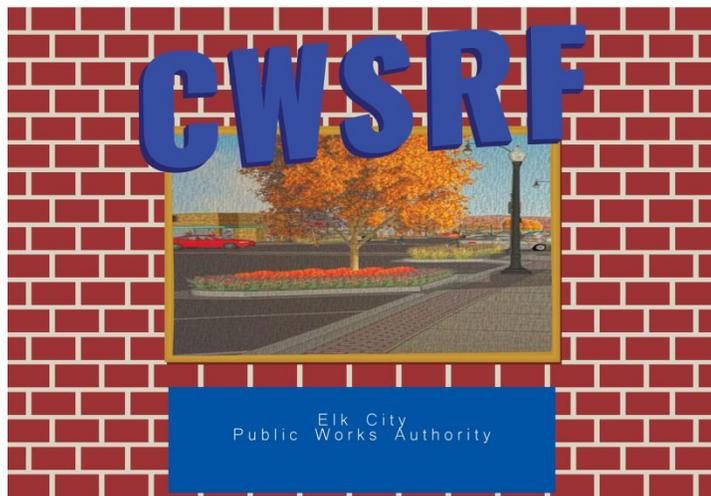
The Elk City Public Works Authority (Authority) located in Beckham County currently serves 4,599 sewer customers. The Authority's population is 11,693 according to the 2010 US Census.

This project was co-funded with Oklahoma Department of Transportation and with Elk City's local funds.

The Authority will utilize the proceeds from the Clean Water State Revolving Fund (CWSRF) for a Downtown Streetscape remodel to include the installation of permeable concrete pavers, planting of trees and construction of a new irrigation system.

Being approved as a Nonpoint Source (NPS) project, improvements will reduce runoff contaminants from entering the local watershed reducing pollutants within the water body and positively affecting wildlife. This will help improve the water quality of Elk City Lake which is impaired for turbidity.

The loan will be funded with 100% principal forgiveness through the CWSRF additional subsidization.



HAILEYVILLE PUBLIC WORKS AUTHORITY ORF-18-0008-CW

Binding Commitment

Approval: \$48,600 Approval Date: 9/18/2018

Assistance Provided

Loan Amount: \$40,850 Funded Date: 11/7/2018

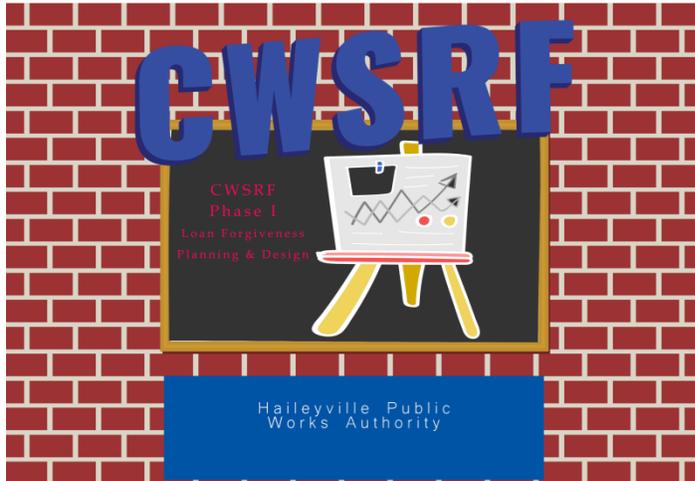
Percent Complete as of 6/30/2019: 98.29% Additional Subsidization: \$40,850

GPR: N/A Estimated Savings: \$58,850

Haileyville Public Works Authority, located in Pittsburg County, Oklahoma, had a population of 813 as of the 2010 census. Haileyville Public Utilities Authority serves 335 active sewer connections.

The Authority is under DEQ consent order for unpermitted discharge from the wastewater collection system. The overflows are the result of inflow and infiltration (I&I) during wet weather. The collection system is also aged with fragile clay tile pipe that has broken as result of ground movement and tree root intrusion.

The Authority will use the Oklahoma Clean Water State Revolving Fund (CWSRF) proceeds for planning and design of their existing sewer collection system. The improvements would consist of replacing 6,200 linear feet of sewer line and 23 manholes. With these improvements, the collection system would not be inundated with I&I.



The project will be financed by a 100% principal forgiveness loan through the Oklahoma Clean Water State Revolving Fund (CWSRF) additional subsidization.

INOLA PUBLIC WORKS AUTHORITY ORF-19-0012-CW

Binding Commitment

Approval: \$300,000 Approval Date: 8/21/2018

Assistance Provided

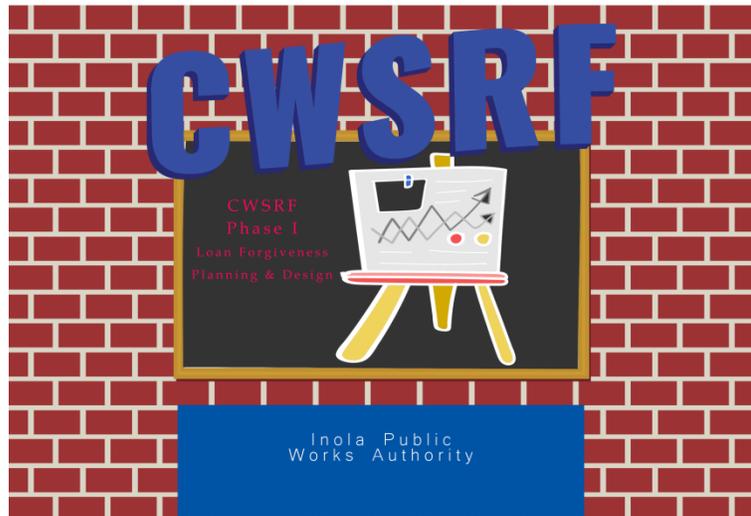
Loan Amount: \$300,000 Funded Date: 12/20/2018

Percent Complete as of 6/30/2019: 8.67% Additional Subsidization: \$300,000

GPR: N/A Estimated Savings: \$324,000

The Inola Public Works Authority (Authority) located in Rogers County currently serves 674 sewer customers. The Authority's population is 1,788 according to the 2010 US Census.

The Authority operates an aerated lagoon Wastewater Treatment Plant (WWTP) with a designed flow of 0.40 million gallons per day (MGD), and discharges into the Verdigris River. The Verdigris River is listed on Oklahoma's 303(d) lists of impaired waterbodies for Enterococcus and Escherichia coli. The collection system has had unpermitted discharges occurring from a manhole. The Lift Station located downstream from the unpermitted discharge does not comply with OAC 252:656-7-4, "Emergency Operations" and the town has been issued a Consent Order from the Oklahoma Department of Environmental Quality (DEQ), which requires they submit an approvable engineering report evaluating the lift station as well as the upstream and downstream wastewater collection system.



Prior proceeds from the Clean Water State Revolving Fund (CWSRF) were used for a system wide inflow and infiltration study. Under this current loan, the Authority will be utilizing proceeds from the CWSRF program for planning, surveying and designing for sanitary sewer rehabilitation.

The planning and design of upgrades and improvements to the wastewater system will be financed by a 100% principal forgiveness loan through the Oklahoma Clean Water State Revolving Fund (CWSRF).

LAVERNE PUBLIC WORKS AUTHORITY ORF-19-0018-CW

Binding Commitment

Approval: \$1,530,000 Approval Date: 4/16/2019

Assistance Provided

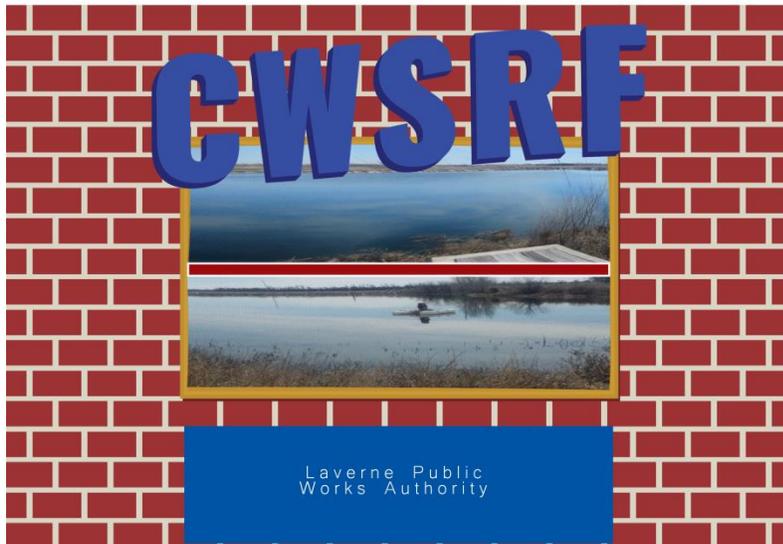
Loan Amount: \$1,375,000 Funded Date: 5/7/2019

Percent Complete as of 6/30/2019: 4.73% Additional Subsidization: N/A

GPR: N/A Estimated Savings: \$463,000

The Laverne Public Works Authority (Authority) is located in Harper County and serves 1,533 customers according to the 2010 US Census.

The existing Wastewater Treatment System consists of two primary cells that are lined with synthetic liner and one secondary cell. The secondary cell is used to pump wastewater through a floating pump to a center pivot system which is permitted for final disposal. The Authority is under a consent order for very poor conditions of the lagoons.



The Authority will utilize the Oklahoma Clean Water State Revolving Fund (CWSRF) proceeds to: remove sludge deposits, reform dikes, remove and replace the liner system, remove the inlet splitter box, replace the outlet structure, rehabilitate the irrigation pump station, and replace the inter-basin transfer lines.

This project will result in protection of groundwater from untreated effluent and prevent unpermitted discharges.

MEEKER PUBLIC WORKS AUTHORITY ORF-19-0003-CW

Binding Commitment

Approval: \$60,000 Approval Date: 8/21/2018

Assistance Provided

Loan Amount: \$60,000 Funded Date: 8/22/2018

Percent Complete as of 6/30/2019: 100% Additional Subsidization: \$60,000

GPR: N/A Estimated Savings: \$70,000

The Meeker Public Works Authority (Authority) is located in Lincoln County and serves 362 sewer customers. The population is 1,145 according to the 2010 US Census.

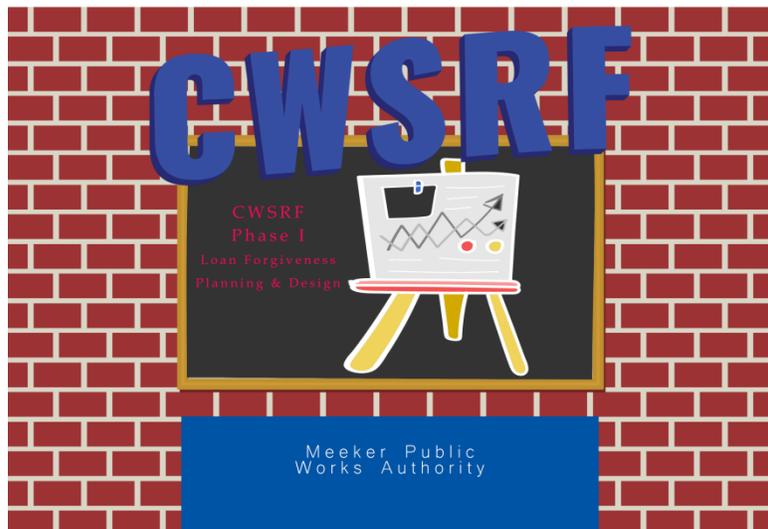
The Authority owns and operates a wastewater collection system where portions are nearing or have surpassed its design life. A majority of the existing sanitary lines and manholes are in bad condition. This could result in health issues and financial loss for the Authority.

The proposed solution includes an engineering study on planning, mapping, evaluating and suggesting a recommendation for the sanitary sewer manholes and collection lines.

The extended aeration system is designed for an average daily flow of 0.02 MGD and discharges into Quapaw Creek, South who is on the 303(d) list for Enterococcus, Macroinvertebrate Bio and Fishes Bio assessments.

The Authority utilized the Oklahoma Clean Water State Revolving Fund (CWSRF) proceeds for wastewater collection system assessment. Improvements from the assessment will include manhole rehabilitation/replacement and sanitary sewer collection line replacement. The replacements will reduce the amount of inflow and infiltration which will in turn reduce unintended flows to the wastewater system

The project was funded by a 100% principal forgiveness loan through the Oklahoma Clean Water State Revolving Fund (CWSRF) additional subsidization



MIAMI SPECIAL UTILITIES AUTHORITY ORF-14-0011-CW

Binding Commitment

Approval: \$4,450,000 Approval Date: 6/18/2019

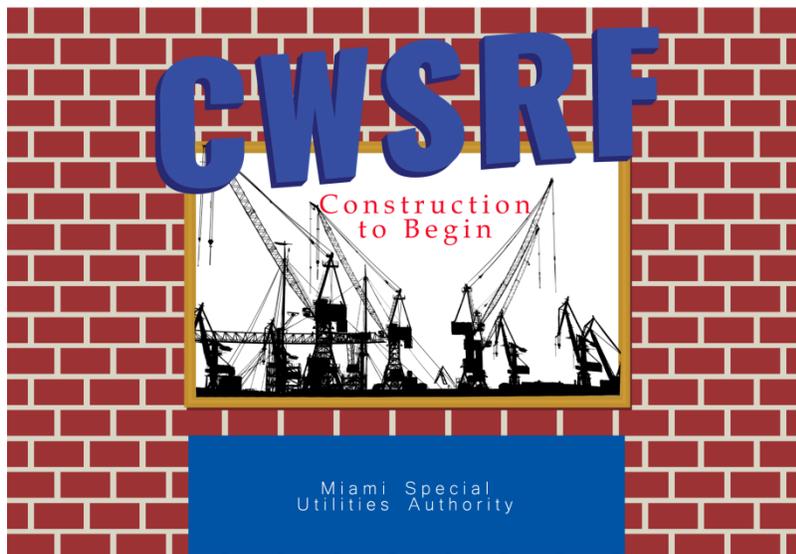
Assistance Provided

Loan Amount: \$4,450,000 Funded Date: 9/5/2019

Percent Complete as of 6/30/2019: 0% Additional Subsidization: N/A

GPR: N/A Estimated Savings: \$301,000

The Miami Special Utilities Authority (Authority) is located in Ottawa County and serves 5,650 customers according to the 2010 US Census.



The existing Wastewater Treatment Process is extended aeration with a designed daily flow of 3.5 MGD. The gravity sewers have been in service for 50 to 70 years and are due for replacement.

The current stormwater collection system was evaluated to determine the available capacity, due to flooding along Main Street.

The Authority will utilize the Oklahoma Clean Water State Revolving Fund (CWSRF) for repairs to the stormwater collection system. Specifically, they plan to replace approximately 1,021

linear feet (LF) of reinforced concrete stormwater line, install/replace 12 inlets, install/replace 4 junction boxes, and install/replace 10 trench drains. They also plan on installing approximately 9,400 linear feet(LF) of sewer line, 7,500 LF of force mains, rehab 27 manholes, and repair duplex lift station.

This project will help reduce unintended flows to the wastewater treatment plant, improve the inflow and infiltration in the collection system and prevent unwanted contaminants from entering the Neosho River which is listed on the 303(d) list for Enterococcus.

OKLAHOMA CITY WATER UTILITIES TRUST ORF-19-0016-CW

Binding Commitment

Approval: \$34,150,000 Approval Date: 1/15/2019

Assistance Provided

Loan Amount: \$34,150,000 Funded Date: 1/30/2019

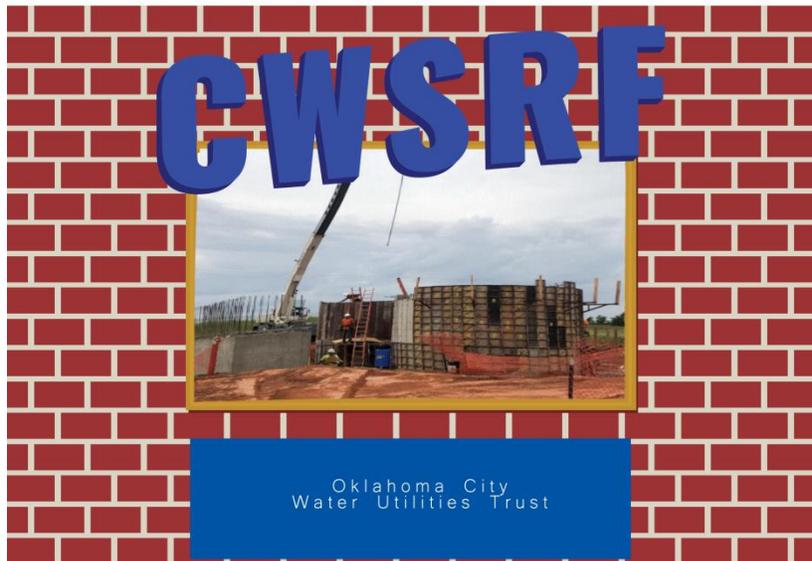
Percent Complete as of 6/30/2019: 1.60% Additional Subsidization: N/A

GPR: N/A Estimated Savings: \$3,758,000

The Oklahoma City Water Utilities Trust (Trust) located in Oklahoma County currently serves 207,402 sewer customers. The City's population was 579,999 according to the 2010 US Census.

The Trust owns and operates a bio-disc wastewater treatment plant. The plant is designed to have an average daily flow of 15 MGD and discharges into receiving stream Deer Creek. This stream is listed on the Oklahoma's 303(d) list of impaired waterbodies for enterococcus, E. coli and turbidity. The Trust's wastewater collection system has become unreliable due to the mains having reached the end of their useful life.

The Trust will utilize the Oklahoma Clean Water State Revolving Fund (CWSRF) to address the replacement of sanitary sewer lines and repair/replacement of manholes city-wide. The original loan was issued, to which they set aside \$1 million to address emergency needs as they arose. An environmental review was completed on every project submitted to the OWRB after the original Categorical Exclusion. To date, due to this multi-phased project, the Trust has replaced and rehabilitated 24,558 LF of sanitary sewer line 8 – 12 inches in diameter and 113 manholes in different areas in the system.



SHAWNEE MUNICIPAL AUTHORITY ORF-19-0020-CW

Binding Commitment

Approval: \$5,745,000

Approval Date: 4/16/2019

Assistance Provided

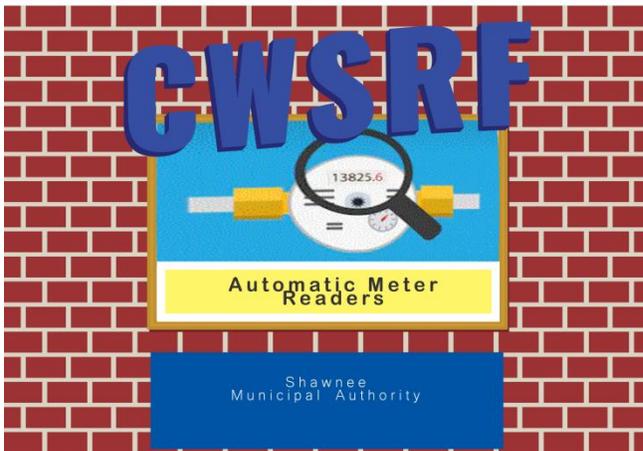
Loan Amount: \$5,380,000

Funded Date: 5/28/2019

Percent Complete as of 6/30/2019: 2.86% Additional Subsidization: N/A

GPR: Water Efficiency \$ 5,380,000

Estimated Savings: \$709,000



The Shawnee Municipal Authority (Authority) located in Pottawatomie County currently serves 11,101 customers. The City's population was 29,857 according to the 2010 US Census.

The wastewater collection system consists of about 852,738 feet of gravity sewer mains that range from 6" through 27". Gravity sewer pipe materials consist of cast iron, clay, ductile iron, PVC and steel. The materials for the manhole walls are clay brick, concrete brick, cast-in-place concrete and precast concrete. The average manhole diameter is 4 feet.

The system discharges into two points of the North Canadian River which is on the 303(d) list due to impairment. Collectively, the two points are impairment by the following: Fishes Bio assessments, Total Dissolved Solids, Lead, Cadmium, Chromium, Copper, Enterococcus, and Turbidity.

CWSRF funds were utilized to install advanced metering infrastructure with a fixed based system and other appurtenances to improve the accuracy of water usage measurements thereby reducing the unintended flows to the WWTP.

TULSA METROPOLITAN UTILITY AUTHORITY ORF-19-0001-CW

Binding Commitment

Approval: \$10,626,000 Approval Date: 2/19/2019

Assistance Provided

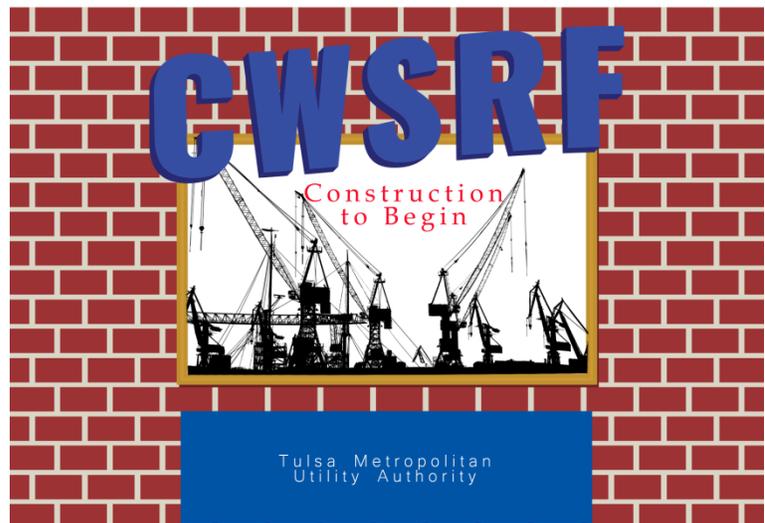
Loan Amount: \$10,626,000 Funded Date: 4/1/2019

Percent Complete as of 6/30/2019: 0% Additional Subsidization: N/A

GPR: N/A Estimated Savings: \$593,000

The Tulsa Metropolitan Utility Authority (Authority) located in Tulsa County currently serves 144,761 active customers; 13,369 connections are affected by this project. The City's population was 319,906 according to the 2010 US Census.

CWSRF funds will be utilized to address several projects: 1) Sanitary sewer rehab and replacement of existing assets in Upper Coal Creek drainage basin in maintenance areas to alleviate wet weather sanitary sewer overflows; 2) SSES, design services, and construction of Phase I Sanitary sewer rehab and replacement of existing assets in Joe Creek-Lafortune Park drainage basin in Maintenance Areas, including rehabilitation of sanitary sewer pipe and manholes to alleviate sanitary sewer overflows by reducing rain derived I/I and correcting structural deficiencies or blockages in the pipe; 3) Rehabilitation of the two (2) stabilized sludge holding tanks at the 71st Street Dewatering Facility, including access to the tanks, performing cleaning, and inspections in order to confirm the scope, budget and schedule for the project; and 4) Rehabilitation of the Turley South Interceptor, including slip-lining approximately 6,000 LF of pipe along with manhole rehabilitation.



The system discharges into two separate bodies as it relates to these projects: The Northside system, with a Design Average Daily Flow of 42.6 MGD, discharges into Bird Creek which is on the 303(d) list for Enterococcus, Escherichia coli and the Southside system, with a Design Average Daily Flow of 42 MGD, discharges into the Arkansas River which is on the 303(d) list for Enterococcus, Turbidity, Cadmium.

WELEETKA PUBLIC WORKS AUTHORITY ORF-19-0008-CW

Binding Commitment

Approval: \$400,000 Approval Date: 12/6/2018

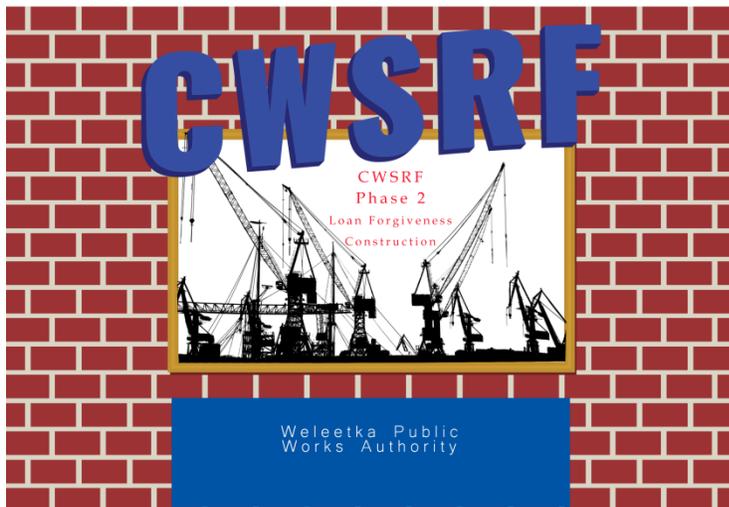
Assistance Provided

Loan Amount: \$400,000 Funded Date: 12/6/2018

Percent Complete as of 6/30/2019: 6.69% Additional Subsidization: \$200,000

GPR: N/A Estimated Savings: \$280,000

The Weleetka Public Works Authority (Authority) located in Okfuskee County currently serves 347 sewer customers, and according to the 2010 US Census had a population of 998.



The City operates a lagoon flow through Wastewater Treatment Plant (WWTP) with a designed average daily flow of 0.144 million gallons per day (MGD). The system has frequent backups from the sewer lines failing and clogged with debris, silt and trash. Due to flooding, the drywell/wetwell at the lift station is failing and needs to be replaced.

Prior proceeds from the Oklahoma Clean Water State Revolving Fund (CWSRF) were used for a sanitary sewer evaluation study (SSES). The Authority is now coming to the CWSRF for a project to install a new pump station on top of the existing concrete wet well at the lagoons, replace 3,000 lf of sewer

line and 12 manholes.

These improvements to the sanitary sewer will allow the Authority to reduce unintended flows to the WWTP and into the receiving stream, Alabama Creek which is listed on Oklahoma's 303(d) list of impaired waterbodies for enterococcus, oxygen, dissolved and chloride.

PROGRAMMATIC HEADLINES

OVERARCHING APPROPRIATION

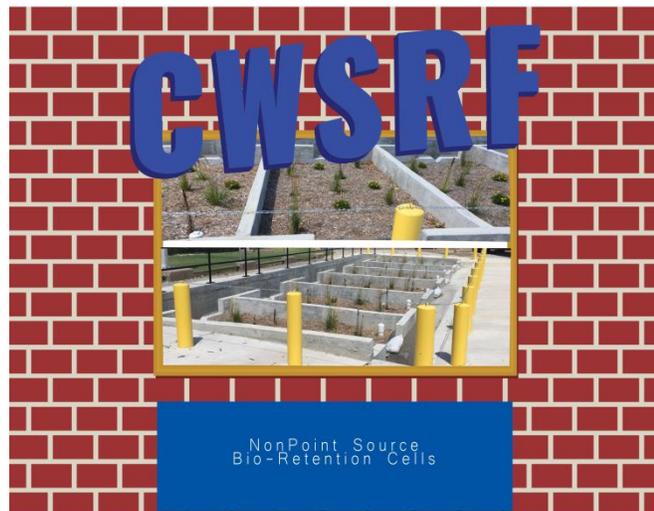
AND PROGRAMMATIC REQUIREMENTS

Oklahoma's Capitalization Grant was awarded on July 26, 2018, and included FFY 2018 Appropriations conditions. With the acceptance of the award, OWRB agreed to comply with all requirements pertaining to the Consolidated Appropriations Act, 2017 as listed in the Grant Agreement.

The Water Resources Reform and Development Act of 2014 (WRRDA) was signed into law by President Obama on June 10, 2014, and became effective on October 1, 2014. WRRDA provided changes to Titles I, II, V, and VI of the Federal Water Pollution Control Act and, in essence, reauthorized the CWSRF Program. Some of the more significant changes to the CWSRF Program resulting from the reauthorization included: land purchase necessary for construction now being an eligible cost for wastewater infrastructure; up to a 30-year loan term for qualified projects/applicants; a fiscal sustainability plan required for infrastructure repaired or replaced as well as American Iron and Steel (AIS) and prevailing wage provisions becoming permanent requirements of the CWSRF Program.

The following WRRDA requirements became effective in SFY 2015:

- Davis Bacon §602(b)(6)
- NEPA §602(b)(6)
- Generally Accepted Accounting Principles §602(b)(9)
- Use of Fees §602(b)(11)
- Expanded Eligibilities §603(c)
- Loan Terms Up to 30 Years §603(d)(1)(A)&(B)
- Fiscal Sustainability Plans §603(d)(1)(E)
- Administrative Costs §603(d)(7)
- American Iron and Steel §608
- Definition of 212 Projects §212(2)(A)



This Annual Report documents the OWRB's compliance and implementation with both the Appropriations Act and WRRDA as well as highlights projects which were funded between July 1, 2018 and June 30, 2019.

OPERATING AGREEMENT

The Operating agreement (OA) between the State of Oklahoma and EPA incorporates required assurances, certifications and specific requirements related to the appropriate use of funds under the CWSRF. The purpose of the OA is to define and integrate rules, regulations, guidelines, policies, procedures and activities to be followed by the EPA and OWRB. In order to incorporate the new WRRDA requirements, a revised OA was executed March 26, 2015.

TABLE 2: OKLAHOMA CWSRF SUSTAINABILITY

This table indicates how projects funded satisfy the intent of the EPA's Sustainability Policy.

RECIPIENT	PROJECT NUMBER	PROJECT TITLE	FUNDED AMOUNT ¹	SUSTAINABILITY CRITERIA MET ²
Broken Arrow MA	ORF-17-0005-CW	Sanitary Sewer System Rehabilitation	\$4,255,000	1,2
Elk City PWA	ORF-18-0004-CW	Stormwater Quality and Runoff Improvements	\$191,000	1,2,3
Haileyville PWA	ORF-18-0008-CW	Sanitary Sewer System Rehabilitation	\$40,850	1,2
Carney PUA	ORF-18-0011-CW	Planning and Design for Sewer Improvements	\$104,850	2,3
Tulsa MUA	ORF-19-0001-CW	Sanitary Sewer System Rehabilitation	\$10,626,000	1,2
Meeker PWA	ORF-19-0003-CW	Planning and Design for Sewer Improvements	\$60,000	2,3
Calumet PWA	ORF-19-0007-CW	Sanitary Sewer System Rehabilitation	\$1,100,000	1,2
Weleetka PWA	ORF-19-0008-CW	Sewer Line and Manhole Improvements	\$400,000	1,2
Coalgate PWA	ORF-19-0009-CW	Sanitary Sewer System Rehabilitation	\$400,000	1,2
Inola PWA	ORF-19-0012-CW	Planning and Design for Sewer Improvements	\$300,000	2,3
Oklahoma City WUT	ORF-19-0016-CW	Sanitary Sewer Line Replacement	\$34,150,000	1,2
Duncan PUA	ORF-19-0017-CW	Dam Rehabilitation	\$11,325,000	1,2
Laverne PWA	ORF-19-0018-CW	Sewer Lagoon Rehabilitation	\$1,375,000	1,2
Durant CUA	ORF-19-0019-CW	Automatic Meter Reading	\$4,000,000	1,2,3
Shawnee MA	ORF-19-0020-CW	Automatic Meter Reading	\$5,830,000	1,2,3
Miami Special Utilities Authority	ORF-14-0011-CW	Stormwater Infrastructure Improvements	\$4,450,000	1,3
Broken Arrow MA	ORF-19-0021-CW	WWTP Improvements	\$11,415,000	1,3

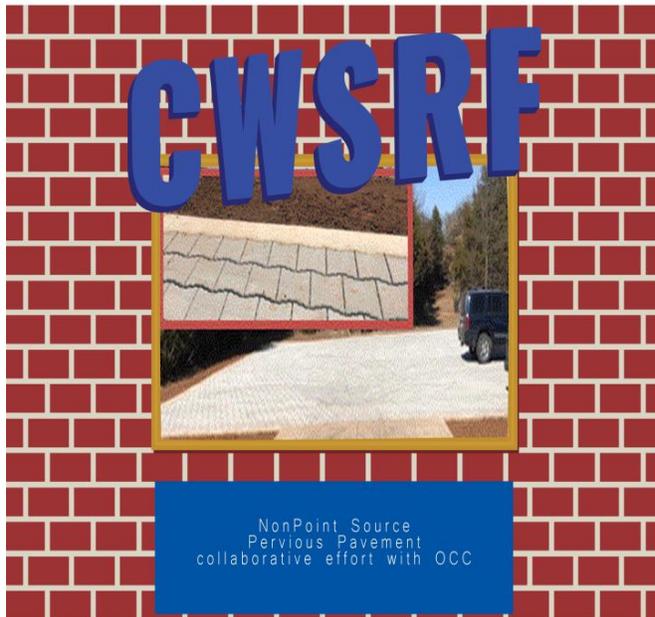
¹Final Amount on the Promissory Note.

² Criteria are as follows: 1 = Repair, replacement and upgrade of infrastructure in existing communities 2 = Investigations, studies or plans to improve technical, managerial or financial capacity 3 = Preliminary planning and projects that reflect life cycle costs, conservation of natural resources, alternative approaches.

DEVELOPING SYSTEM SUSTAINABILITY AND RESILIENCY

The EPA’s Clean Water and Drinking Water Infrastructure Sustainability Policy stresses the need to continue working with states and water systems to promote sustainable water infrastructure. EPA efforts in the area of sustainability practices and approaches include promoting green infrastructure, repurposing byproducts rather than creating waste, developing stormwater management systems, and supporting the sustainable design of communities. Sustainable design employs robust, comprehensive planning processes to deliver projects that are cost effective over their life cycle, resource efficient, and consistent with community sustainability goals.

Oklahoma’s CWSRF Program encourages system sustainability in its procedures and requirements. This begins with giving preference points in the ranking and reviewing process to projects that include green infrastructure. Once the project was slated for possible funding, OWRB engineers worked closely with design engineers to ensure that all possible energy and water use efficiency options and technology were considered in the design. In 2016, OWRB worked with other Funding Agency Coordinating Team (FACT) members to finalize the guides and checklists for preparing Engineering Reports for both water and wastewater project. Included in the guides are different aspects of sustainability such as water and energy efficiency considerations, and cost effectiveness analysis of all alternatives considered.



In 2016, the OWRB finalized its online Oklahoma Advantages Assessment & Scoring for Infrastructure Solutions (OASIS) interface to bring sustainability ideas to both new and current applicants or entities that are considering the construction of a new project. The OASIS tool explores the benefits of these sustainability alternatives through a series of simple background questions that can be easily answered by the user.

Sustainability policy and goals were also addressed in the Wastewater Planning Guide (Guide) and Fiscal Sustainability Plan (FSP) released in July 2015. The Guide and FSP encourage systems to consider designing facilities that will be sustainable well into the future and can assist in fulfilling the new CWA requirements for asset management and system planning.

To better serve our communities, a contract between ORWA and OWRB is targeting more of a holistic approach by focusing on long range planning and sustainability. During SFY 2019, ORWA assisted more than 4 communities during different stages of developing a holistic sustainability plan which includes all FSP requirements, through an OWRB funded contract. The items addressed include, but are not limited to:

- Coordinating with ODEQ on system water audits and leak detection;
- Assist with writing policies and/or procedures;
- Sanitary sewer evaluation surveys and smoke testing; and
- Mapping water/sewer infrastructure.

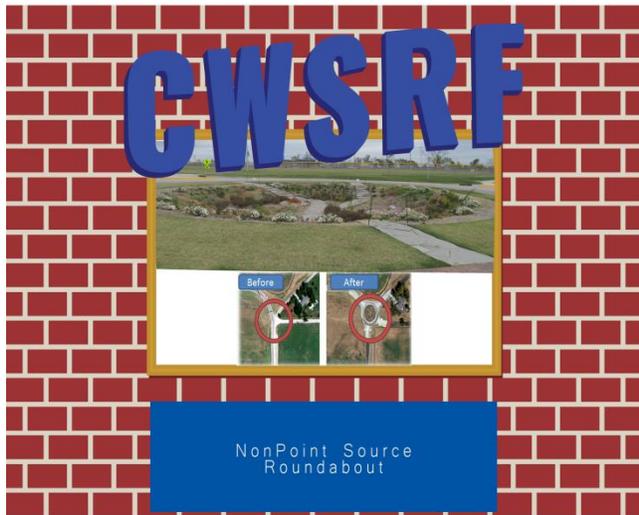
RESILIENCY

Resiliency of water and wastewater systems in Oklahoma can best be attained through cooperation and connection between systems for redundancy and increased capacity. While such activities are more common in the water than in the wastewater sector, where feasible, it will be strongly encouraged by the OWRB. The OCWP further addresses climate change by providing new 2030 and 2060 demand projections for both the Municipal and Industrial sector and the Crop Irrigation sector, based on a “Hot and Dry” scenario, and a “Warm and Wet” scenario. Both scenarios have shown a significant increase in demand. The OCWP Executive Report summarizes that: “Impacts on surface water gaps are expected to be most significant under the “Hot and Dry” scenario and are anticipated to increase in severity. Federal, state, and local water planners should continue to monitor climate change science in light of these potential impacts on Oklahoma’s supplies and demand.

Additionally, the Drought Tool for Oklahoma is an outline of drought management concepts and options with an exhaustive set of links to valuable resources available to entities and planners. www.owrb.ok.gov/drought/index.

PUBLIC WASTEWATER PLANNING GUIDE

Wastewater system planning decisions are local and can vary greatly by system. Since 2015, the OWRB has been presenting the Guide as a way to assist public wastewater utilities in developing plans to meet their long-term needs. The Guide is an easy-to-use printed document with companion online fillable forms and spreadsheets designed to assist entities in developing detailed strategies to meet both their short-term and long-term wastewater infrastructure needs. This allows entities to think about a more resilient, sustainable, and efficient design capable of meeting its long-term goals.



The Guide may be most useful for smaller utilities who have not prepared Capital Improvement Plan (CIP) in the past. However, the steps and processes outlined are applicable to all wastewater systems, regardless of their capacity and size. The Guide walks the user through the process of understanding what infrastructure it has in place, what its needs are, and the options it has in order to meet those needs using a question and answer format. The planning process involves several steps, including gathering data, identifying goals and objectives of the organization, developing and accessing alternatives to meet those goals, and outlining methods to implement the selected alternatives.

Planning also includes periodic reassessment to account for any changes in conditions, goals, or objectives. The Guide also provides resources to additional information that may be valuable in the planning process. The intent of the Guide is not to provide a single solution that fits every system, but to provide a framework for collecting data that is necessary for long-term wastewater system planning.

The Guide can be found online at www.owrb.ok.gov/guides, includes color sections and tables for use with FSPs.

FISCAL SUSTAINABILITY PLANS (FSP) - §603(D)(1)(E)

As amended, the CWA now includes Section 603(d)(1)(E) which states that an FSP will be developed and implemented for proposed “repair, replacement, or expansion,...” of existing treatment works. Per EPA guidance, FSPs are required for projects who submitted a programmatic application on or after October 1, 2014. Programmatic Application is defined in the Oklahoma Administrative Code (OAC) in Section 785:50-9-9 as “the application that is required prior to being placed on the Project Priority List.”

The FSP includes, at a minimum:

- Inventory of critical assets (Section 4 of the Guide, Asset Management: Inventory Development, System Operation and Maintenance);
- An evaluation of the condition and performance of those assets (Sections 4 & 5, Wastewater System Administration, of the Guide);

- Documentation that the system has evaluated and will be implementing water and energy conservation efforts; and
- A plan to maintain, repair and replace the treatment works over time and a plan to fund these activities (Section 8 of the Guide)

With new guidance in place, sustainability is intended to take a front seat in the design and development phase using the entity’s own FSP. An FSP is not initially required to describe an entire system, but rather be a dynamic plan of sustainability that describes the project being funded in logical sections. As new projects come online, their respective FSPs should be added to any earlier FSPs that may exist and describe how it fits into the larger system context. The OWRB encourages that entities take a look at developing a system-wide FSP (fundable by the CWSRF) or at least doing so in stages as subsequent projects come online.

It is not the intention that all projects heretofore require an FSP. As explained in EPA’s January 6, 2015 Memorandum regarding WRRDA Interpretive Guidance footnote 5, page 12:

“FSPs are not required for new treatment works (unless they are physically replacing an existing treatment works or expanding the treatment capacity of an existing system) or for projects involving an upgrade that does not involve repair/replacement or expand the treatment capacity (e.g., adding advanced treatment).”

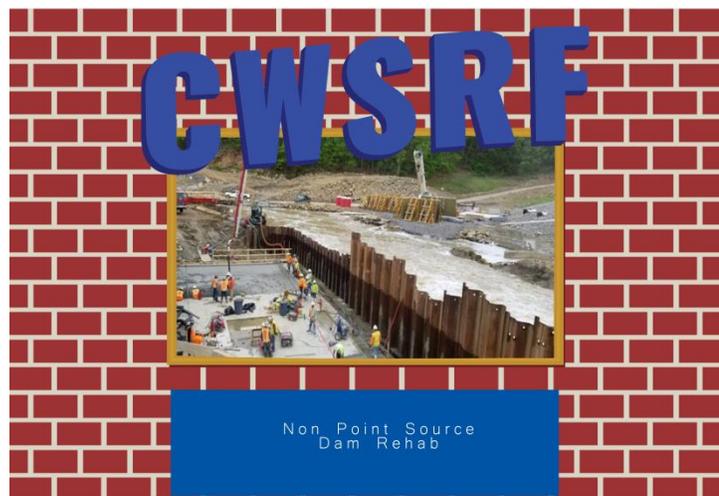
Hence, systems that are determined by the OWRB to meet the above description will not be asked to prepare or certify that they have an FSP. The OWRB will, however, continue to encourage the use of such plans in all new projects as a valuable tool for both maintaining their existing treatment works as well as establishing a better long-term system and planning for the funds that make it possible.

For assistance recipients who submitted a programmatic application on or after October 1, 2014, as part of their loan agreement, they certified with their loan agreement that they either:

- Have a plan that fulfills the requirements of the FSP. Additional certification will be received with the final reimbursement request that documents that their plan was updated to include the CWSRF funded infrastructure; or
- Will develop an FSP as part of the CWSRF project. The OWRB will review the FSP prior to the final reimbursement request on site using the OWRB’s FSP Checklist.

ONLINE BENEFITS ASSESSMENT PROGRAM FOR WASTEWATER

The OASIS program was designed to help communities quantify the environmental, social, and economic benefits of their wastewater infrastructure investment. The information included in the resulting output statements can help community leaders make well-informed decisions regarding the types of projects that will best meet their community’s short- and long-term



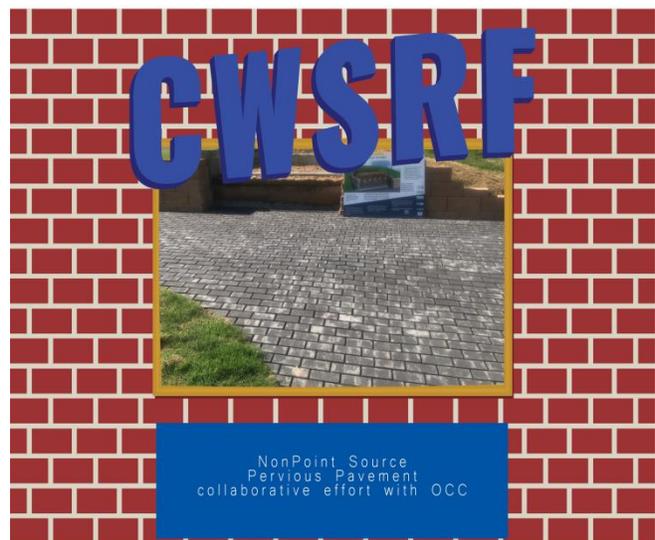
goals. The current application was developed and made available to communities at www.owrb.ok.gov/oasis. In SFY 2019, OWRB integrated the Programmatic Application, ranking and the Project Priority List (PPL) to OASIS. This allows a paperless way for us to conduct business, for our borrowers to apply online, and an automated process for staff to rank and prepare the PPL.

EXPANDED ELIGIBILITIES §603(c)

With the passage of WRRDA, projects eligible for consideration for funding expanded and were promoted during marketing sessions conducted by OWRB staff.

Oklahoma's CWSRF Program eligibilities include the following types of projects:

- Construction of publicly owned treatment works (POTW); as defined by FWPCA Section 212 (2)(A)(B), which now includes land necessary for construction;
- Implementation of a nonpoint source (NPS) management program;
- Development and implementation of a conservation and management plan under CWA Section 320;
- Construction, repair or replacement of decentralized wastewater systems that treat municipal wastewater;
- Measures to manage, reduce, treat, or recapture stormwater or subsurface drainage water;
- Measures to reduce the demand of POTW capacity through water conservation, efficiency or reuse;
- Development and implementation of watershed projects consistent with Section 122 of the CWA. Eligible projects include watershed management of wet weather discharges, stormwater best management practices (BMPs), watershed partnerships, integrated water resource planning, municipality-wide stormwater management planning or increased resilience of treatment works;
- Reusing or recycling wastewater, stormwater, or subsurface drainage water. Eligible items also include the purchase and installation of treatment equipment sufficient to meet reuse standards;
- Measures to reduce the energy consumption needs for POTW; and
- Measures to increase the security of publicly owned treatment works.



INTEREST RATES AND FINANCING TERM §603 (D)(1)(A)&(B)

The interest rate on each loan reflects the current rate of approximately 60% of Municipal Market Daily (mmd) AAA scale spot rates through maturity plus 40 to 76 basis points depending on the duration of the loan. The interest rate is calculated approximately 10 days prior to loan closing.

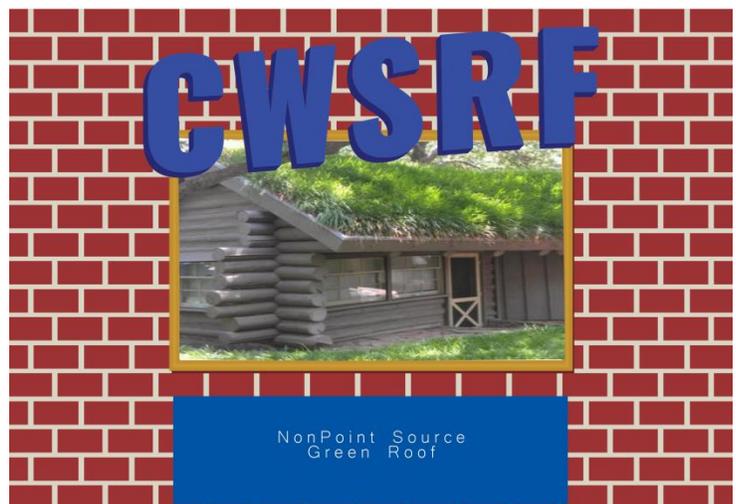
CWSRF loans have a maximum term of 30 years or the anticipated weighted average life expectancy of the project components being financed, whichever is less. The worksheet that the OWRB uses to determine the Weighted Average Useful Life of the project components can be found online at www.owrb.ok.gov/forms.

AFFORDABILITY

Previously, the OWRB provided extended 30-year financing to disadvantaged communities. These communities were defined as communities with income less than 85% of the U.S. median household income. Because extended term financing is now available to all communities, not to exceed the design life of the project, the OWRB did not use disadvantaged communities in their review. OWRB financial analysts also consider population change, per capita income, and unemployment as part of the affordability criteria in their financial review. Applicants are scored based on a comparison between the borrower's statistics and the state's statistics. OWRB uses the population and affordability criteria to award loan forgiveness.

GREEN PROJECT RESERVE

The FFY 2018 Capitalization Grant Conditions state that "the recipient agrees to make a timely and concerted good faith solicitation for projects that address green infrastructure, water or energy efficiency improvements or other environmentally innovative activities. A good faith solicitation must be open to all GPR eligible projects in each of the four GPR categories... The Recipient agrees to include in its IUP such qualified projects, or components of projects, that total an amount at least equal to 10% if its capitalization grant..." As a result, Oklahoma was required to allocate a minimum of \$1,296,700 to projects which met the GPR requirements. Broken Arrow MA, Elk City PWA, Durant City UA, and Shawnee MA were the projects that met the GPR requirement and were funded for automatic meter infrastructure, non-potable reuse water system, permeable concrete pavers, green irrigation system, and tree planting totaling \$10,330,520.



All projects listed on the SFY 2019 PPL were evaluated by OWRB engineers to determine if the project could be eligible under the GPR. As of June 30, 2019, four (4) in SFY 2019 include green components totaling \$10,330,520 (Table 4). Business cases and/or justifications were available for public viewing at www.owrb.ok.gov/greenreserve within the quarter in which the loan was made.

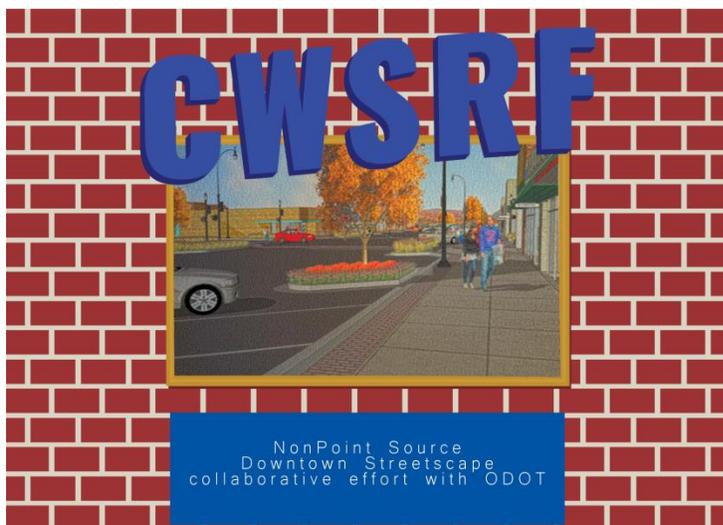
Green components are identified in the Engineering Report. The guidelines have been developed to assist consulting engineers in preparing engineering reports that include for identification of green components and their associated estimated cost. The GPR components are tracked from the planning phase of the project through design, bidding, and construction. A tracking sheet has been developed to compare the estimated cost of the green components to actual purchased and installation costs. During construction inspections, green components

are identified, evaluated, and included in the inspection reports. They are reviewed again during the payment approval process.

ADDITIONAL SUBSIDIZATION

With the passage of WRRDA, the Federal Water Pollution Control Act (FWPCA) section 603(i) now includes the authority for a CWSRF Program to provide a certain percentage of its capitalization grant as additional subsidization to a municipality or intermunicipal, interstate, or State agency that meet the requirements of the section. There is no minimum amount of additional subsidization required; however, the maximum allowable is 30 percent depending on the total appropriations received. The total amount available for eligible recipients is no more than \$3,890,100 under section 603(i).

In addition to the additional subsidy that can be used at a state's discretion as described in WRRDA, the FFY 2018 Capitalization Grant stated that "the recipient agrees to use ten percent of the funds available in the capitalization grant to provide additional subsidy to eligible recipients in the form of forgiveness of principal, negative interest loans, or grants (or any combination of these), which shall be used only where such funds are provided as initial financing for an eligible recipient or to buy, refinance, or restructure the debt obligations of eligible recipients only where such debt was incurred after May 5, 2017." The required amount for SFY 2019 was \$1,296,700.



For SFY 2019, OWRB awarded 10% of the capitalization grant as subsidy in the form of loan forgiveness. No additional subsidy was awarded under the authority of WRRDA. Loan forgiveness was awarded to projects in communities with a population less than 3,300 that focused on construction or planning and design for wastewater infrastructure. We also had funds leftover and identified a green infrastructure project that would count toward the 10% requirement. The program had eight (8) entities that received Loan Forgiveness: Elk City PWA, Inola PWA, Coalgate PWA, Weleetka PWA, Calumet PWA, Meeker PWA, Carney PWA, and Haileyville PWA, totaling \$1,296,700 (Table 4).

FFATA REPORTING

Reporting under the Federal Funding Accountability and Transparency Act (FFATA) was completed as required. FFATA reports were submitted monthly to the FFATA Subaward Reporting System as federal funds were drawn. The OWRB reports were based on the actual expenditure of federal funds. The amount reported to FFATA during SFY 2019 totaled \$19,939,758.77.

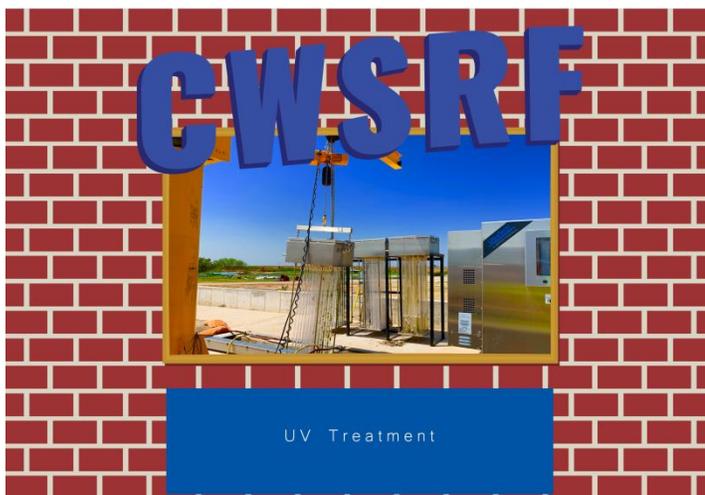
GENERALLY ACCEPTED ACCOUNTING PRINCIPLES § 602 (B)(9)

CWSRF recipients are required to maintain project accounts in accordance with generally accepted governmental accounting standards. All loan agreements stipulate that the “Borrower shall maintain separate Project accounts in accordance with generally accepted government accounting standards.”

Active borrowers are required to submit financial audits to the OWRB. Annual Financial Audits were reviewed to verify that the borrowers maintained the minimum Debt Coverage Ratio required by their loan covenants. The audit’s opinions, findings and notes were also reviewed in an effort to identify risks and concerns regarding the borrower’s financial and operational situation. Issues were discussed with the borrowers or its auditor and resolved as needed. If required, CWSRF borrowers will be notified that a single audit was required. All single audits were reviewed in accordance with the revised Office of Management and Budget Guidance and internal procedures. Information pertaining to federal expenditures passed through our programs was verified for accuracy. Federal expenditure amounts were verified by internal records. Any discrepancies in federal expenditure amounts between the single audits and internal records were resolved through contact with auditors. When necessary, single audits were corrected by the auditors and resubmitted.

NEPA REVIEW §602 (B)(6)

All projects requesting funding for treatment works projects from the CWSRF Program were subject to an interdisciplinary environmental review by the OWRB consistent with the National Environmental Policy Act (NEPA) as required by the FWPCA section 511(c)(1). The Oklahoma CWSRF applies a NEPA-like State Environmental review process to all treatment works projects seeking funding through the CWSRF Program. Oklahoma’s State Environmental Review Process is memorialized as part of the OWRB’s Chapter 50 Rules and reviewed annually by the EPA.

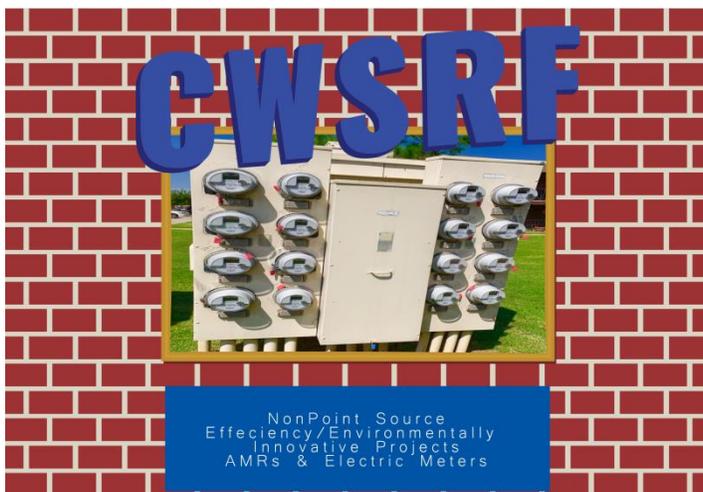


There are three basic environmental determinations which can apply to treatment works projects funded with the CWSRF. These include Categorical Exclusion (CATEX), Finding of No Significant Impact (FONSI) following the preparation of an Environmental Assessment (EA) or a Record of Decision (ROD) following the preparation of an Environmental Impact Statement (EIS). The Board may also choose to accept determinations made by other federal agencies in lieu of conducting a formal environmental review. In this case, a Statement of Finding would be issued. Twenty One (21) environmental determinations were made during SFY 2019 and are listed in Table 5 for each project. There were several non-treatment works projects completed in SFY 2019 where no determinations were issued. Specifically, Durant CUA and Shawnee PWA were for automatic meter infrastructure; Meeker PWA, Inola PWA, Carney PWA, and Haileyville PWA were all planning and design projects; and Elk City PWA and Duncan PUA were non-point source projects.

As part of the environmental review, the Oklahoma CWSRF Program required all projects in SFY 2019 to be in compliance with Federal Environmental Cross-Cutting Requirements. The requirements are those provisions in federal law, executive orders and government-wide policies which apply by their own terms to projects and activities receiving federal financial assistance. Consultants for wastewater projects which anticipated receiving a FONSI were required to send a Request for Comment letter to all cross-cutter agencies, as listed in the Funding Agency Coordinating Team (FACT) Environmental Information Document (EID) Checklist for the preparation of the EID. A response is required from each agency responsible for the cross-cutter, confirming the project would have no impact. In the case that no response was received, the CWSRF staff made an internal determination and documented that the cross-cutter was not impacted. For projects receiving a CATEX determination, CWSRF staff sent request for comment letters and did internal determination based on information received from the project owners. Documentation for this determination was included in the CATEX determination.

BENEFITS REPORTING CBR/NIMS

The OWRB complied with reporting requirements regarding the utilization of funds under the SFY 2019 IUP. The major reporting vehicle was the CWSRF Benefits Reporting (CBR) Database. This reporting was done within 30 days of loan closing. Reporting included basic information including additional subsidization, GPR components, general data elements and environmental benefits. For SFY 2019, The National Information Management System (NIMS) reporting was completed in August 2019.



SFY 2019 loans were reported in CBR based on the loan closing amount and closing dates. These were entered as CBR data field “Initial Agreement.” CBR data for SFY 2019 loans were digitally uploaded into NIMS. Loans amounts reported in the SFY 2019 Annual Report, however, are based on the Letter of Binding Commitment (Board Approval) amount and date (Table 1). Binding Commitment amounts are occasionally greater than the final “loan closing” amounts as they are generally made prior to the bidding and subsequent loan closing process.

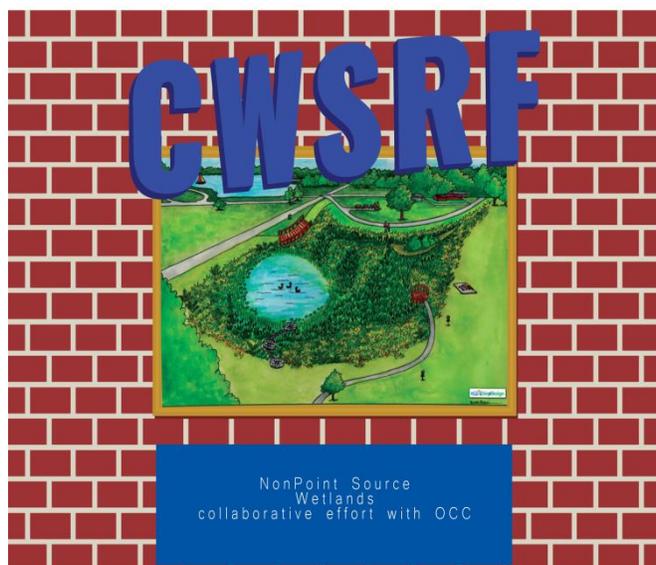
A total of \$85,122,700 of “assistance” (amount for OWRB “closed loans”) minus this year’s de-obligations of \$7,984,647 gave an amount that was reported to NIMS for the SFY 2019 of \$77,138,053.

DISADVANTAGED BUSINESS ENTERPRISE

To ensure compliance with the OWRB’s Capitalization Grant and the EPA’s Disadvantaged Business Enterprise (DBE) requirements, the OWRB has established a DBE program in accordance with the regulations of 40 CFR Part 33. Both Loan Recipients (Project Owners) and Prime Contractors are required to implement DBE Guidance (ORF-267) found at www.owrb.ok.gov/forms. The OWRB submits a “Minority Business Enterprise (MBE) /Women Business Enterprise (WBE) Utilization under Federal Grants, Cooperative Agreements” report (EPA Form 5700-52A) annually to the EPA. The OWRB reported \$1,580,198.00 procured to MBEs and \$13,500.00 to WBEs for the FFY 2018 Capitalization Grant.

DAVIS BACON §602 (B)(6)

The FWPCA reauthorized under WRRDA section 602(b)(6) permanently applies the prevailing wage Davis-Bacon (DB) provision of the FWPCA section 513 to any projects for treatment works that are funded by a CWSRF. Consistent with EPA’s prior implementation of this provision, application of the Davis-Bacon Act requirements extend not only to assistance agreements funded with capitalization grants, but to all CWSRF-funded projects involving the construction of treatment works regardless of the source of funding (e.g., prior years’ appropriations, state match, bond proceeds, interest earnings, principal repayments, etc.). Any project that is considered a



“treatment work” as defined in the FWPCA section 212, now incorporated in FWPCA section 502(26), must comply with the FWPCA 513, regardless of which eligibility it is funded under. The DB requirements were included in the required information to bidders as part of the Supplemental Conditions (ORF-185) and posted on OWRB’s website at www.owrb.ok.gov/forms.

For every project for which DB regulations applied, OWRB staff verified that appropriate wage rates were being utilized, and that the wage rates and DB posters were posted at the job site where it could be seen by all workers. Additionally, OWRB staff received certifications from borrowers or their designees that payroll reports were reviewed on a weekly basis and are accurate. In addition OWRB

provided, at no charge to the borrower, software to automatically compare wages with the prevailing wage on a given SRF project. The software only requires a browser and no local software installation. This was provided as a direct response to SFR borrower and service provider feedback.

AMERICAN IRON AND STEEL §608

Beginning with the FFY 2014 Appropriation, WRRDA further codified the requirement that funds made available from a CWSRF may not be used for a project for the construction, alteration, maintenance, or repair of treatment works unless all of the iron and steel products used in the project are produced in the United States. The term “iron and steel products” refers to products made primarily of iron or steel or listed products that are permanently incorporated in the project. These products include lined or unlined pipes and fittings, manhole covers and other municipal castings, hydrants, tanks, flanges, pipe clamps, and restraints, valves, structural steel, reinforced precast concrete, and construction materials.

The AIS requirements were included in the required information to bidders as part of the Supplemental Conditions (ORF-185) posted on the OWRB’s website at www.owrb.ok.gov/forms and also in the advertisement information and other front end documents for loans approved in the SFY 2019. All materials that fall under the AIS requirements are inspected and checked to ensure that they are made in the USA, and have the required manufacturer’s certifications. Materials that qualify for the de minimis waiver are tracked to ensure that they do not exceed five percent of the total material cost. Any deviations from the AIS requirements are noted in the inspection report.

LOAN CONDITIONS

The loan documents are reviewed annually to ensure that they adhere to the necessary state and federal regulations. This includes updating language that is appropriate for each new Capitalization Grant condition.

TABLE 3: PROGRAMMATIC APPLICATION DATES AND REQUIREMENTS

RECIPIENT	PROJECT NUMBER	PROGRAMMATIC APPLICATION DATE	BINDING COMMITMENT DATE	FUNDED DATE	AIS	FSP (Y/N)	NEPA	GPR*	AD SUB*	DB
Broken Arrow Municipal Authority	ORF-17-0005-CW	2/29/2016	12/6/2018	1/24/2019	Y	Y	Y	Y	N	Y
Elk City Public Works Authority	ORF-18-0004-CW	10/20/2016	12/6/2018	12/6/2018	N	N	NR	Y	Y	N
Haileyville Public Works Authority	ORF-18-0008-CW	7/19/2017	9/18/2018	11/7/2018	N	N	N	N	Y	N
Carney Public Utilities Authority	ORF-18-0011-CW	7/21/2017	8/21/2018	8/22/2018	N	N	NR	N	Y	N
Tulsa Metropolitan Utility Authority	ORF-19-0001-CW	3/10/2014	2/19/2019	4/1/2019	Y	Y	Y	N	N	Y
Meeker Public Works Authority	ORF-19-0003-CW	3/15/2018	8/21/2018	8/22/2018	N	N	NR	N	Y	N
Calumet Public Works Authority	ORF-19-0007-CW	5/1/2018	8/21/2018	8/22/2018	Y	Y	Y	N	Y	Y
Weleetka Public Works Authority	ORF-19-0008-CW	5/31/2018	12/6/2018	12/6/2018	Y	Y	Y	N	Y	Y
Coalgate Public Works Authority	ORF-19-0009-CW	6/1/2018	4/16/2019	4/19/2019	Y	Y	Y	N	Y	Y
Inola Public Works Authority	ORF-19-0012-CW	6/4/2018	8/21/2018	12/20/2018	N	N	NR	N	Y	N
Oklahoma City Water Utilities Trust	ORF-19-0016-CW	12/5/2018	1/15/2019	1/30/2019	Y	Y	Y	N	N	Y
Duncan Public Utilities Authority	ORF-19-0017-CW	9/28/2018	12/6/2019	12/17/2018	N	N	NR	N	N	N
Laverne Public Works Authority	ORF-19-0018-CW	11/6/2018	4/16/2019	5/7/2019	Y	Y	Y	N	N	Y
Durant City Utilities Authority	ORF-19-0019-CW	1/30/2019	6/18/2019	6/25/2019	N	N	NR	Y	N	N
Shawnee Municipal Authority	ORF-19-0020-CW	2/20/2019	4/16/2019	5/28/2019	N	N	NR	Y	N	N
Miami Special Utilities Authority	ORF-14-0011-CW	3/25/2014	8/21/2018	9/5/2019	Y	N	Y	N	N	Y
Broken Arrow Municipal Authority	ORF-19-0021-CW	3/8/2019	5/21/2019	6/10/2019	Y	Y	Y	N	N	Y

*Funds were from the FFY 2019 Appropriations

NR= Non-Treatment Works (examples AMRs, Non-Point Source, Engineering Study, Etc.)

TABLE 4: GREEN PROJECT RESERVE AND SUBSIDIZATION FOR SFY 2019

RECIPIENT	SMALL COMMUNITY < 3,300	APPROPRIATION YEAR	ASSISTANCE AMOUNT	GREEN AMOUNT	LOAN FORGIVENESS	PROJECT DESCRIPTION	GREEN CATEGORY
Durant City Utilities Authority	No	2018	\$4,000,000.00	\$4,000,000.00	\$0.00	Automatic Meter Infrastructure	WE
Shawnee Municipal Authority	No	2018	\$5,380,000.00	\$5,380,000.00	\$0.00	Automatic Meter Infrastructure	WE
Elk City Public Works Authority	No	2018	\$191,000.00	\$191,000.00	\$191,000.00	Permeable Concrete Pavers, Green Irrigation System, and Tree Planting	GI
Broken Arrow Municipal Authority	No	2018	\$4,225,000.00	\$759,520.00	\$0.00	Non-Potable Reuse Water System	WE
Total				\$10,330,520.00			
SUBSIDIZATION FOR SFY 2019							
Inola Public Works Authority	Yes	2018	\$300,000.00	N/A	\$300,000.00	Planning and Design for Sewer Improvements	N/A
Coalgate Public Works Authority	Yes	2018	\$400,000.00	N/A	\$200,000.00	Sanitary Sewer System Rehabilitation	N/A
Weleetka Public Works Authority	Yes	2018	\$400,000.00	N/A	\$200,000.00	Sewer Line and Manhole Improvements	N/A
Calumet Public Works Authority	Yes	2018	\$1,100,000.00	N/A	\$200,000.00	Sanitary Sewer System Rehabilitation	N/A
Meeker Public Works Authority	Yes	2018	\$60,000.00	N/A	\$60,000.00	Planning and Design for Sewer Improvements	N/A
Carney Public Works Authority	Yes	2018	\$104,850.00	N/A	\$104,850.00	Planning and Design for Sewer Improvements	N/A
Haileyville Public Works Authority	Yes	2018	\$40,850.00	N/A	\$40,850.00	Sanitary Sewer System Rehabilitation	N/A
TOTAL					\$1,296,700.00		

GI = Green Infrastructure WE = Water Efficiency

TABLE 5: ENVIRONMENTAL DETERMINATIONS ISSUED WITHIN SFY 2019

RECIPIENT	LOAN NUMBER	ENFORCEMENT SCHEDULE ORDER	DECISION TYPE	DATE
Muskogee MA	ORF-17-0019-CW	Yes	CE	7/10/2018
Calumet PWA	ORF-19-0007-CW	No	CE	8/17/2018
Weleetka PWA	ORF-19-0008-CW	Yes	CE	11/27/2018
Broken Arrow MA	ORF-17-0005-CW	Yes	CE	11/29/2018
Canton PWA	ORF-18-0019-CW	No	CE	1/10/2019
Oklahoma City WUT	ORF-17-0017-CW	No	CE	1/15/2019
Oklahoma City WUT	ORF-17-0017-CWA	No	CE	1/15/2019
Tulsa MUA	ORF-16-0001-CW	No	CE	1/29/2019
Laverne PWA	ORF-19-0018-CW	Yes	CE	2/13/2019
Tulsa MUA	ORF-13-0006-CW	No	CE	2/19/2019
Tulsa MUA	ORF-19-0001-CW	No	CE	4/12/2019
Coalgate PWA	ORF-19-0009-CW	Yes	CE	4/12/2019
Broken Arrow MA	ORF-19-0021-CW	No	CE	5/1/2019
Miami SUA	ORF-14-0011-CW	Yes	CE	6/18/2019
Broken Arrow MA	ORF-19-0021-CW	No	CE	6/25/2019
Oklahoma City WUT	ORF-19-0016-CW	No	CE	1/14/2019, 5/8/2019, 5/15/2019
Bixby PWA	ORF-14-0003-CW	Yes	FONSI/EA	3/29/2019
Muskogee MA	ORF-17-0019-CW	Yes	FONSI/EA	10/23/2018

CE = Categorical Exclusion

FONSI/EA = Finding of No Significant Impact/Environmental Assessment

*There were two projects that are Non-Treatment Works projects and will not have an environmental decision, Elk City and Durant.

2019 IUP ACCOMPLISHMENTS

After the SFY 2019 IUP was published, the PPL was revised 4 times for the additions of new projects, adjustments to the loan awarded dates, revisions to construction assistance amounts, updates to GPR amounts as well as subsidy amounts.

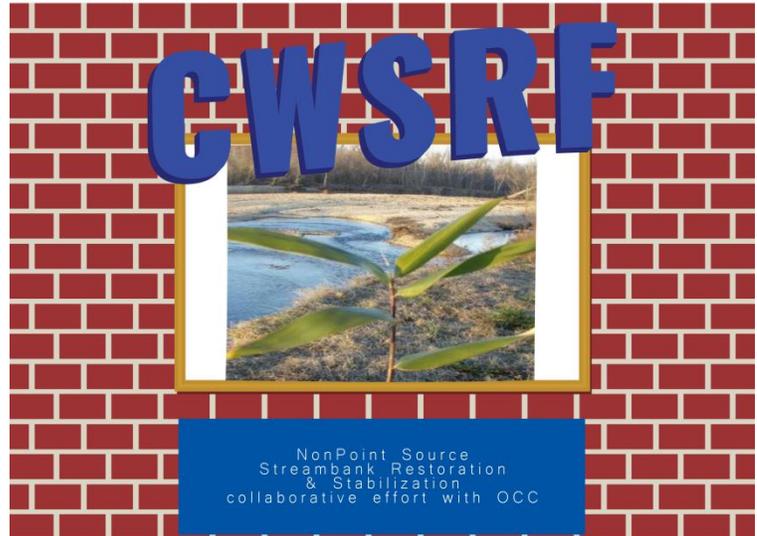
REVISION I – AUGUST 2, 2018

CHANGES TO THE LOAN AMOUNTS

Three entities requested to change their proposed loan amounts, Calumet PWA, Haileyville PWA and Carney PWA

ADDITION OF NEW PROJECTS

Duncan PUA and Tahlequah PWA submitted a loan request to be considered for funding during SFY 2019. Hartshorne PWA moved from the Contingency Loan Forgiveness Projects List to the SFY 2019 Fundable Projects List for Installment of AMRs.



REVISION II – NOVEMBER 26, 2018

ADDITION OF NEW PROJECTS

Laverne PWA submitted a loan request to be considered for funding during SFY 2019.

REVISION III – FEBRUARY 14, 2019

ADDITION OF NEW PROJECTS

Durant CUA submitted a loan request to be considered for funding during SFY 2019.

REVISION IV – APRIL 15, 2019

ADDITION OF NEW PROJECTS

Waurika PWA, Shawnee MA and Broken Arrow MA submitted a loan request to be considered for funding during SFY 2019.

OTHER CHANGES

Several entities with projects listed on the SFY 2019 CWSRF PPL had ranking changes due to revised project items or construction estimates and/or target project approval dates. The list was revised to reflect these adjustments.

Frederick PWA and Norman MA were the only entities that de-obligated monies in SFY 2019. The total de-obligated amount was \$7,984,647.

GOALS AND ACCOMPLISHMENTS

Goals set in the IUP provide a road map for activities conducted throughout the year. The SFY 2019 IUP included Thirteen (13) short-term and ten (10) long-term goals for the year.

SHORT-TERM GOALS AND ACCOMPLISHMENTS

PROVIDE FINANCING TO ASSIST BORROWERS IN ELIMINATING WATER POLLUTION PROBLEMS THROUGH THE BEST AVAILABLE TECHNOLOGIES TO IMPROVE WATER QUALITY IN THE STATE'S WATERS.

Once constructed, all funded projects will contribute to the long-term elimination of pollution to surface and groundwater. As detailed in Table 12, loans were made to six (6) communities to address a consent order or enforceable schedule. Nine (9) projects will reduce pollutants from affected stream

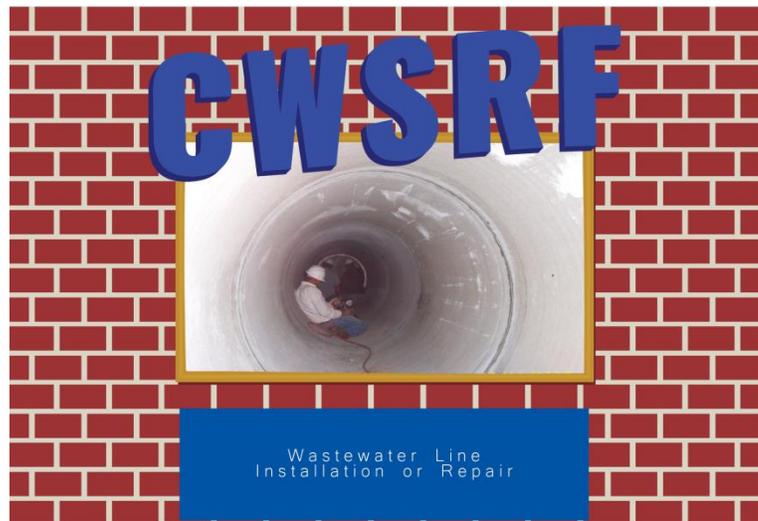
segments identified as threatened or impaired on the Impaired Waterbodies List, Section 303(d) (Oklahoma's Integrated Water Quality Assessment Report). Eight (8) projects are located within hydrologic basin where groundwater vulnerability is designated as "Very High" due to contamination from surface sources of pollution as designated in Oklahoma's Water Quality Standards (OWQS) or affecting source water protection areas.

PROVIDE FINANCING TO BORROWERS LISTED IN THIS PLAN THAT ARE UNDER THE NPDES OR OTHER ENFORCEMENT ORDERS TO MEET DEADLINES FOR MUNICIPAL COMPLIANCE IN ACCORDANCE WITH THE CWA.

Six (6) of the seventeen (17) loans funded during SFY 2019 were proposed as a result of violations to wastewater discharge permits and/or enforceable order violations detailing a specific short-term compliance schedule. This assistance allows these communities to attain compliance with the enforceable requirements of the CWA and improve or maintain water quality in receiving streams and underlying groundwater. The OWRB continues to initiate immediate contact with municipalities receiving new consent orders to inform and work with them in determining eligibility and to provide funding in accordance with enforcement schedules.

PROACTIVELY COACH OUR BORROWERS, ENGINEERS AND SERVICE PROVIDERS THROUGH OUTREACH, WRITTEN GUIDANCE, AND SITE VISITS ON WAYS TO UTILIZE THE CWSRF OPPORTUNITIES AND MEET PROGRAM REQUIREMENTS, ESPECIALLY HOW TO BEST PLAN FOR SUSTAINABILITY IN THEIR SYSTEM OVERALL.

In SFY 2019, several meetings with applicants and service providers were conducted. The loan analysts visited 68 communities educating them on various CWSRF program requirements and answering any questions they may



have on how the OWRB may help them with their system's needs. In addition OWRB has contracted with ORWA to provide long term sustainability planning that includes financing future infrastructure needs.

MARKET THE CWSRF LOAN PROGRAM THROUGH: BOOTH PRESENCE AT RELEVANT CONFERENCES; PRESENTATIONS TO TARGETED AUDIENCES REGARDING OWRB FUNDING; PHONE CALLS TO INTRODUCE OUR PROGRAM TO ENTITIES ISSUED AN ENFORCEMENT ORDER; WORKSHOPS AND ONE-ON-ONE TRAININGS; DEVELOPING AND UPDATING APPROPRIATE HANDOUTS FOR PROGRAM INITIATIVES; EMAIL BLASTS EXPLAINING THE PPL PROCESS; SENDING OUT BORROWER SURVEYS; INVITATION TO POTENTIAL BORROWERS TO JOIN ONE OF OKLAHOMA'S QUARTERLY FACT MEETINGS; AND HOSTING A FOCUS GROUP.

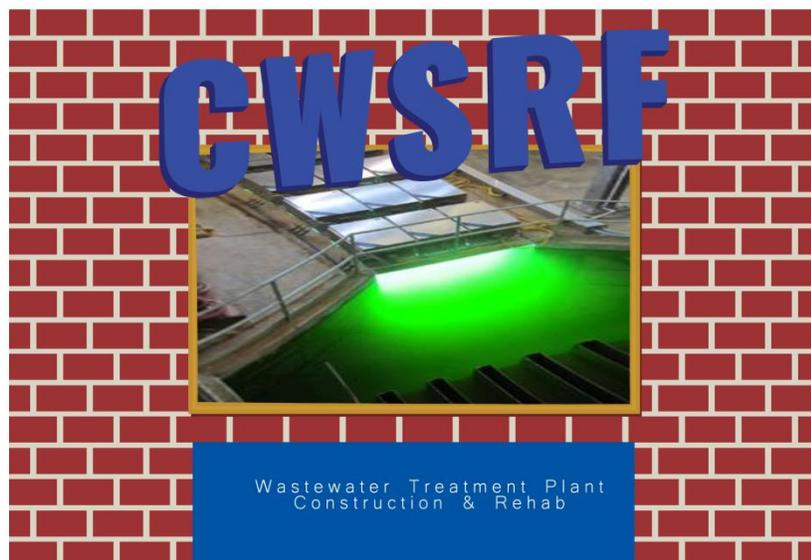
For all of SFY 2019 there were, 21 conferences where we attended and/or presented; 2 emails were sent for projects for the SFY 2019 PPL; and eight (8) communities attended the FACT meetings. To help market the SRFs, the Financial Assistance Division was selected by the Environmental Protection Agency to work with Northbridge Environmental Management Consultants in piloting a 'State Model Marketing Plan.' This collaborative effort produced initial strategies designed to highlight SRF eligibilities for outreach in targeted areas across the state. The Financial Assistance Division's Marketing Plan launch is scheduled for January 2020.

CREATE STRATEGIES AND FINANCE IMPLEMENTATION OF THE WATER FOR 2060 INITIATIVE BY ENCOURAGING NONPOINT SOURCE, STORMWATER, GREEN INFRASTRUCTURE, WATER/ENERGY CONSERVATION AND WATER REUSE PROJECTS.

The Oklahoma CWSRF Program team consults with sister state agencies periodically during the year to identify potentially eligible CWSRF project. The CWSRF's ability to fund these types of projects is at the forefront of our presentations to systems and service providers. In SFY 2019, five (5) projects were approved for nonpoint source, water efficiency and green infrastructure that met these initiatives.

PROVIDE 25% OF ALL CWSRF LOANS, AS SYSTEM INTEREST IS RECEIVED, TO COMMUNITIES WITH A POPULATION OF LESS THAN 10,000.

In SFY 2019, approximately fifty two percent (52%) of binding commitments (eight of seventeen) for long-term, low-interest loans were made to Oklahoma's communities with populations under 10,000, for a total amount of approximately \$3.78 million. This total is above the Program's goal and the CWSRF is anticipated to continue providing below-market rate loans to help ensure project affordability and environmental health protection for small communities across Oklahoma.



APPLY FOR THE CAPITALIZATION GRANT WITHIN THE FIRST YEAR APPROPRIATED.

The FFY 2018 Capitalization grant application was submitted on May 10, 2018 with the previous year's grant numbers and revised on May 16, 2018 to reflect the actual allotment that came out. The award was made July 25, 2018 and amended to extend the project period to a 2 year period on July 26, 2018.

GAIN EPA APPROVAL TO RESERVE TRANSFER AUTHORITY IN AN AMOUNT EQUAL TO 33% OF THE DRINKING WATER (DW) SRF CAPITALIZATION GRANT BETWEEN THE DWSRF AND THE CWSRF.

This goal was met as this request was made through both the CWSRF and DWSRF IUPs. Oklahoma has reserved the authority to transfer 33% of the SFY 2003 through 2018 capitalization grants, totaling over \$69 million. Transfers from the CWSRF to the DWSRF were made in SFY 2005 - \$12 million; SFY 2007 - \$4.9 million; SFY 2009 - \$4.3 million; SFY 2010 - \$ 8.6 million; and SFY 2012 - \$3 million; totaling \$32.9 million. It is anticipated that over \$5 million will be available through the FFY 19 DWSRF Capitalization Grant during SFY 2020.

PROVIDE THE NECESSARY TRAINING AND EQUIP PERSONNEL WITH THE SKILL SET AND TOOLS NEEDED TO PERFORM TO MEET THE OVERALL GOALS OF THE CWSRF PROGRAM.

The OWRB provided training for employees in SFY 2019 by attending approximately 21 conferences, providing 11 staff trainings for CEUs and 8 webinars over wastewater and job related topics.

ASSIST ENTITIES IN WORKING THROUGH THE RULES AND REGULATIONS, CONTINUING TO MAKE RULE COMPLIANCE AS EASY FOR THE APPLICANTS AS POSSIBLE.

The OWRB worked on rules that would aid entities with emergency funding, updated language about the federal decennial census, and included the current regulations for environmental information document.

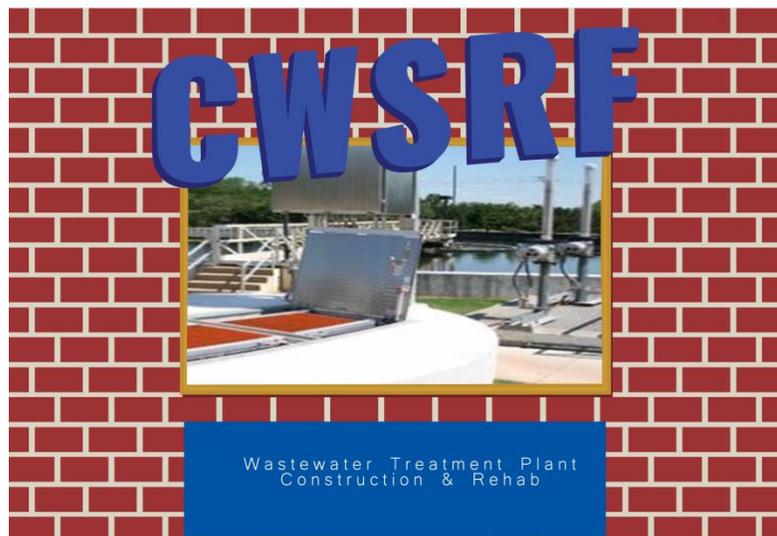
MAKE USE OF PROCEEDS FROM REVENUE BONDS TO PROVIDE MATCHING FUNDS FOR ADDITIONAL FEDERAL GRANTS IN ORDER TO HELP ASSIST OKLAHOMA COMMUNITIES AND WATER USERS TO IMPLEMENT EPA GPR PROJECTS TO FULFILL WATER FOR 2060 GOALS.

In SFY 2019, the OWRB did not provide match to other federal grants with bond monies. OWRB met with the Office of Emergency Management and shared the FEMA/EPA MOA with them and local FEMA representatives.

LONG-TERM GOALS AND ACCOMPLISHMENTS

ASSIST BORROWERS IN COMPLYING WITH THE ENFORCEABLE REQUIREMENTS OF THE CWA TO REACH THE GOAL OF ELIMINATING DISCHARGE OF POLLUTANTS INTO THE STATE'S WATERS.

This goal is accomplished on an ongoing basis. As detailed in the first short-term goal, financial assistance provided through the CWSRF focuses on providing loans to communities with wastewater discharge permit violations and/or consent orders detailing a

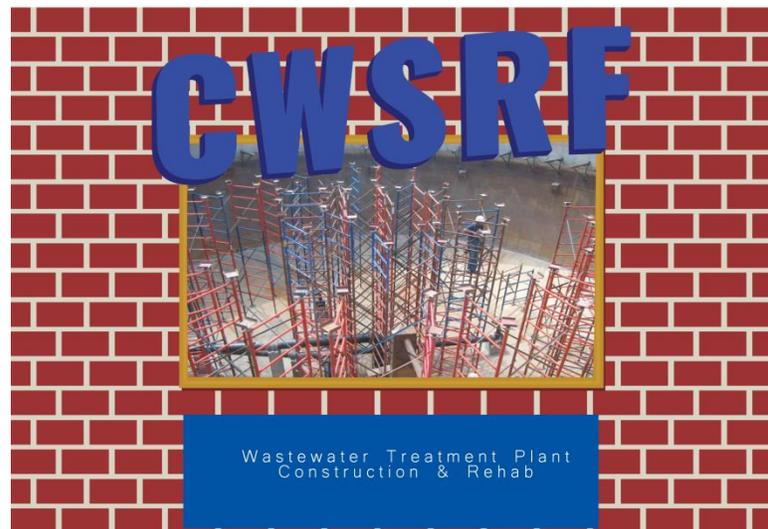


schedule of compliance. For SFY 2019, six (6) commitments were made for projects as a result of a state or federal enforceable compliance schedule. CWSRF assistance will contribute to bringing these Oklahoma communities into compliance with the enforceable requirements of the CWA. The OWRB continued to provide technical assistance to communities with projects on the SFY 2019 IUP, but were not ready to proceed to loan commitments during the year. Many of these projects not funded in SFY 2019 have been moved to the SFY 2020 IUP and are scheduled to be funded during SFY 2020.

ASSIST IN THE MAINTENANCE, RESTORATION, AND PROTECTION OF BENEFICIAL USES IDENTIFIED IN THE OWQS FOR ALL WATERS OF THE STATE.

This goal is accomplished on an ongoing basis. Loans made during SFY 2019 assist communities by funding the following improvements:

- The elimination of sewage system bypasses that degrade the integrity of surface water by repairing damaged or inoperable components and reducing system infiltration and inflow;
- An increase in system capacity;
- Additional levels of treatment to reduce pollutant loads to effluent-receiving streams; and /or
- Addressing Nonpoint Source pollution.



Loan commitments and subsequent construction directly accomplish this goal by enabling municipalities to discharge water that has been treated to meet both CWA discharge requirements for fishable/swimmable water and the OWQS for surface and groundwater. Increasing levels of treatment prior to discharge into the state's surface waters protects fish and wildlife habitats and enhances recreational uses.

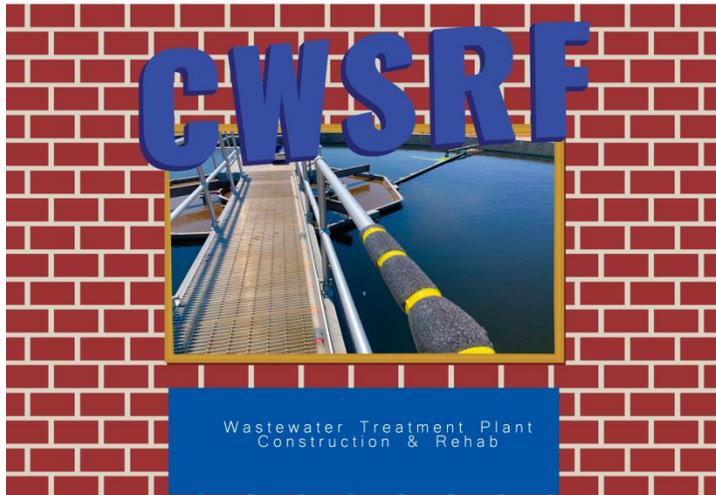
ASSIST THE STATE IN MEETING WATER QUALITY GOALS IDENTIFIED IN THE CONTINUING PLANNING PROCESS AND NPS MANAGEMENT PROGRAM TO REDUCE OR ELIMINATE WATER QUALITY THREATS IN OKLAHOMA'S WATERSHEDS.

This Program goal is achieved on an ongoing basis by funding projects. Of the seventeen (17) projects approved in SFY 2019:

- Three (3) projects implement aspects of approved water quality plans;
- Two (2) projects implemented a Nonpoint Source Management Plan;
- Nine (9) projects affect 303(d)-listed stream segments; and
- No projects were implemented in a nutrient-limited watershed.

MAINTAIN THE FISCAL INTEGRITY OF THE FUND TO ENSURE IT REMAINS VIABLE AND SELF-PERPETUATING TO MEET THE LONG-RANGE WATER QUALITY NEEDS OF THE STATE WHILE MAINTAINING NET ASSETS EQUAL TO FEDERAL CAPITALIZATION GRANTS AND STATE MATCHING FUNDS.

This goal is being achieved on an ongoing basis through stringent program procedures and financial controls as well as continuous repayment of previously issued loans that provide a renewable source of funding for future loans.



To maintain the fiscal integrity of the CWSRF, the OWRB performs a variety of processes including providing credit reviews and technical assistance to loan recipients, establishing fiscal controls, and maintaining financial accounts within the CWSRF sufficient to minimize financial risk.

The OWRB's credit review of CWSRF applications and the OWRB's procedures for monitoring loan conditions and collecting payments of interest and principal have enhanced the fiscal integrity of the program.

Traditionally, each of these processes has ensured that payments from loan recipients are billed and paid promptly, thus enhancing the fiscal integrity of the CWSRF. To date, the program has maintained a zero default loan repayment record (Table 6). Should a default occur, the cross-collateralization strategy included in the Master Trust Agreement makes CWSRF revenues available to cure any DWSRF bond payment default or reserve fund deficiency, or vice versa. The OWRB also maintains the Capacity Model, which demonstrates perpetuity and is available at www.owrb.ok.gov/audit.

ASSIST COMMUNITIES IN IMPLEMENTING SUSTAINABLE COST AND EFFECTIVE PLANNING ELEMENTS INTO THEIR PROJECTS.

The OASIS Program is a web-based application that will assist communities in making sustainable decisions. The Project Priority List (PPL) is now incorporated into OASIS. This allows for our borrowers to make those sustainable decisions and also apply on line for the PPL. OWRB's wastewater planning guides have assisted systems with long-term sustainable infrastructure planning. The Guides are available online and in print. A cost curve to compare engineering and inspection fees as a percentage of overall project costs was created in collaboration with other funding agencies that make up FACT. Borrowers are able to use this curve as a negotiation tool to assure pricing is reasonable for professional services. Additionally, OWRB procures a contract with ORWA to assist borrowers with long range planning utilizing these guides.

ASSIST COMMUNITIES INTEGRATING INNOVATIVE WATER CONSERVATION PRACTICES INCLUDING REUSE, RECLAMATION, CONSERVATION INCENTIVES, WATER EFFICIENCY, STORMWATER RUNOFF MITIGATION, GREEN INFRASTRUCTURE OR OTHER MEASURES THAT WILL ASSIST OKLAHOMA IN REACHING THE GOALS OUTLINED IN THE WATER FOR 2060 INITIATIVE INTO THEIR PROJECTS.

As part of the OWRB's ongoing outreach, conservation and other Water for 2060 initiatives are continually discussed during field visits and conferences. Some of the projects that were funded in SFY 2019 were for automated meter readers, dam infrastructure improvements, water reuse, green infrastructure, and engineering studies.

COMPLETE REVENUE BOND ISSUES AS NECESSARY TO PROVIDE MATCHING FUNDS FOR FEDERAL CAPITALIZATION GRANTS AND TO PROVIDE FUNDING IN ORDER TO MEET THE NEEDS OF BORROWERS WITHIN SFY 2019.

A bond issue was not necessary to meet the demands during SFY 2019. There were sufficient funds remaining from the 2015 bond issue proceeds to fulfill all draw requests during SFY 2019. The state matching funds for the FFY 2018 Capitalization Grant were provided from the 2015 bond issue which closed in SFY 2016.

Maintain a maximum of two (2) capitalization grants open at any given time in order to ensure a low level of unliquidated obligation of federal funds.

During FY 2019, a maximum of 2 grants were open at any given time. FFY 2016 closeout documents were submitted to EPA on July 12, 2018. We did not receive FFY 2018 grant award until July 25, 2018. At that time FFY 2017 grant was still open but closeout documents were submitted to EPA on June 24, 2019.

OBTAIN MAXIMUM CAPITALIZATION OF THE FUND FOR THE STATE WHILE GENERATING SUFFICIENT INVESTMENT AND LOAN INTEREST EARNINGS TO RETIRE REVENUE BONDS.

During SFY 2019, \$2,593,400 was provided from 2015 bond issue proceeds to meet the state match requirement for the 2018 Capitalization Grant.

Based on the CWSRF's projected cash flows provided by OWRB Financial Advisor Hilltop Securities, the state match debt was structured to coincide with the repayment of bonds. The intention was for total income to be slightly in excess of debt service to ensure adequate coverage. This schedule and bond sizing provides for required bond repayment while allowing the CWSRF Program sufficient operational capacity for upcoming projects. Additionally, significant cost savings are passed on to CWSRF loan recipients by leveraging federal capitalization grant monies with larger bond issuances, reducing bond issuance costs. Sufficient funds will be generated from interest and investment earnings to retire the balance of the state match bonds by April 1, 2025.

MAXIMIZE BENEFIT OF STATE FUNDING OPPORTUNITIES BY WORKING WITH OTHER FUNDING AGENCIES TO FIND FINANCING PRODUCTS THAT MOST APPROPRIATELY FIT ENTITY NEEDS.

The State is a part of a group named Funding Agency Coordinating Team (FACT). This group consists of federal and state organizations that offer financing to eligible Oklahoma public entities for water and wastewater projects. The purpose of the team was to facilitate the funding process through communication and streamlined application processes. FACT meets quarterly to discuss the status of Oklahoma community water supplies identified in DEQ's enforcement list. In SFY 2019, this team invited 8 communities to sit in this meeting to discuss ways to fund their needs.

TABLE 6: STATEMENT OF SOURCES AND USES OF FUNDS AND AGING SUMMARY

SOURCES	CUMULATIVE TOTAL THROUGH JUNE 30, 2018	JULY 1, 2018 - JUNE 30, 2019	CUMULATIVE TOTAL THROUGH JUNE 30, 2019
Federal Capitalization Grants	\$319,089,600	\$12,967,000	\$332,056,600
ARRA Capitalization Grant	\$31,662,100	\$0	\$31,662,100
State Match - Appropriation/Agency Cash - Committed	\$16,447,620	\$0	\$16,447,620
State Match - Provided from State Match Bond Issues	\$47,726,729	\$2,593,400	\$50,320,129
CWSRF Bond Proceeds	\$451,777,745	\$0	\$451,777,745
Principal Repayments on Assistance Provided	\$273,437,519	\$35,867,371	\$309,304,890
Interest Repayments on Assistance Provided	\$110,629,786	\$10,132,056	\$120,761,842
Investment Earnings	\$79,844,120	\$3,186,640	\$83,030,760
TOTAL SOURCES	\$1,330,615,219	\$64,746,467	\$1,395,361,686

USES			
Loan Assistance Disbursed (Base Program)	\$1,035,440,882	\$59,015,295	\$1,094,456,177
ARRA Loan Assistance Disbursed	\$30,395,616	\$0	\$30,395,616
Leveraged Bond Debt Service - Principal	\$145,935,000	\$21,170,000	\$167,105,000
Leveraged Bond Debt Service - Interest	\$108,777,843	\$10,903,607	\$119,681,450
Bond Debt Service Reserve	\$21,625,232	-\$2,993,599	\$18,631,633
State Match Bond Debt Service - Principal	\$23,960,000	\$825,000	\$24,785,000
ARRA Administrative	\$1,266,484	\$0	\$1,266,484
Administrative Expenses (Non-ARRA)	\$2,496,721	\$0	\$2,496,721
Transfer to DWSRF Program	\$32,992,182	\$0	\$32,992,182
TOTAL USES	\$1,402,889,960	\$88,920,303	\$1,491,810,263

TOTAL SOURCES OF FUNDS FOR SFY 2019	\$64,746,467
LESS TOTAL SFY 2019 EXPENDITURES	-\$88,920,303
DIFFERENCE OF SOURCES AND FUNDS	-\$24,173,836

AGING SCHEDULE FY 2019

NAME OF LOAN RECIPIENT		OVER 30 DAYS
None	-	\$0

FUND FINANCIAL MANAGEMENT

BINDING COMMITMENTS AND ASSISTANCE ACTIVITY, NIMS

A “binding commitment” as defined by OWRB 785:50 means “legal obligations by the State to the local recipient that define the terms and the timing for assistance under the Clean Water SRF.”

As detailed in Table 1, the Oklahoma CWSRF entered into binding commitments for seventeen (17) SFY 2019 projects, all of which were distributed to §212 sewer construction, §319 nonpoint source management, and water efficiency projects. There were no §320 projects funded this fiscal year. The §212 and §319 activities, including adjustments, totaled \$90.1 million exceeding the 120% requirement. Assistance provided reportable to NIMS for SFY 2019 totaled \$81.5 million.

SOURCES, USES AND GUARANTEES OF FUNDS

As shown in Table 6, sources of funds totaled approximately \$64,746,467. Federal funds are drawn as construction is completed and reimbursement requests are submitted. Federal funds are drawn down as quickly as possible using the First In First Out method.

BYPASS PROCEDURES

The OWRB has established bypass procedures within the OWRB Rules which, along with the Integrated Priority Rating System, guides project funding. The bypass procedure states “A project on the fundable portion of the list may be bypassed if it is determined that the project will not be ready to proceed during the funding year. This determination will be made on projects that are unable to meet the schedule established on the priority list. The applicant whose project is affected shall be given written notice that the project is to be bypassed. Projects that have been bypassed may be reinstated on the fundable portion of the list if sufficient funds are available, and the applicant completes the necessary tasks to proceed. Funds which become available due to the utilization of these bypass procedures will be treated in the same manner as additional allotments.” Due to the Program’s capacity, there were no bypassed priority projects in SFY 2019.

FINANCIAL SUSTAINABILITY

The OWRB and Hilltop Securities (formerly First Southwest) have developed the Clean Water SRF capacity model to gauge the long-term health of the SRF. The model is continually monitored throughout each fiscal year to assure that the perpetuity of the CWSRF Program is sustainable. A snapshot of the long-term sustainability of the fund can be found online at www.owrb.ok.gov/audit.

CWSRF PROGRAM COMPLIANCE AND FINANCIAL AUDITS

Arledge & Associates Inc., Certified Public Accountants, were retained to audit SFY 2019 CWSRF financial statements and Program compliance. The Single Audit of the Program, audited financial statements, along with the financial statements of the administrative fund held outside the CWSRF can be found at www.owrb.ok.gov/audit.

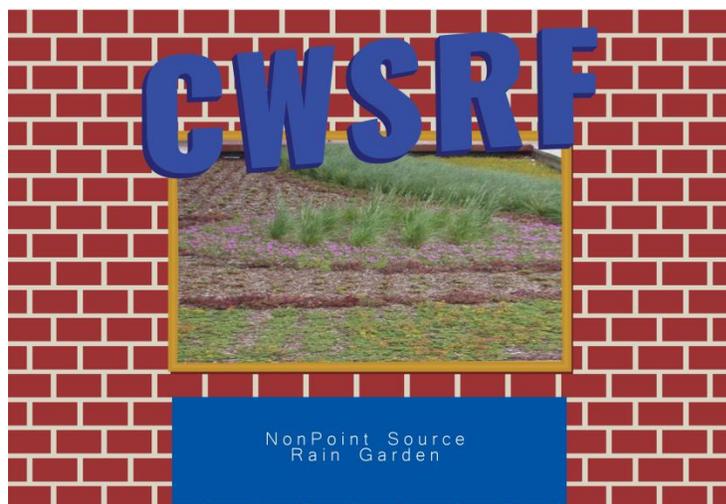
INTEREST RATE SUBSIDY

An additional indicator, “Estimated Interest Rate Subsidy” provides a description of the subsidy provided by the CWSRF Program’s AAA rated bonds compared to interest rates available to communities whose local debt would fit into a given credit rating category. The OWRB offers CWSRF loans at an interest rate equal to 60% of the MMD AAA scale spot rates for each year through maturity with 40 to 76 basis points added to compensate for risk. The interest rate is calculated approximately 10 days prior to loan closing and is provided to communities regardless of credit quality. CWSRF interest rates have remained low thanks to the attractive market situation. They have varied between 1.43% and 2.28% this Fiscal Year.

STATE MATCHING FUNDS

Through SFY 2019, Oklahoma received federal capitalization grant awards totaling over \$363 million matched in previous years by \$66.4 million in state funds. As a part of the Series 2015 Bond Issue, \$9.27 million of the bond proceeds were allocated to cover the 20% match for the 2015, 2016, 2017 and 2018 capitalization grants.

Since July 24, 1996 the OWRB has expended available state matching funds prior to expending federal funds for the convenience of accounting for the drawdown of state funds to ensure federal capitalization grant funds are not drawn down prior to state funds, in accordance with federal regulations. This approach is not intended to alter any relationship, legal or otherwise, that would have existed had the prescribed draw down ratio been followed.



FINANCIAL INDICATORS

In an effort to measure the pace, Oklahoma’s CWSRF Program incorporates “financial indicators” into its annual review. The Financial Indicators on Table 7 presents seven key measures that reflect the different financial objectives of the SRF and provides broad indicators of how the CWSRF is meeting them.

GRANT PAYMENT SCHEDULE

The OWRB is committed to the timely and expeditious use of its Capitalization Grant funds by expending those funds usually within the SFY they are received. The remainder of the funds, set aside for loan forgiveness projects, should be drawn shortly after the beginning of the SFY 2020.

FEES §602(B)(12)

Administrative fees are assessed to each participating borrower at the rate of one-half of one percent (0.5%) per annum of the amount of each borrower's loan balance outstanding. These totaled \$2,433,224 in SFY 2019. Application fee rates totaled \$6,317 for SFY 2019. As required by §602(b)(11), these fees are deposited into the CWSRF administrative account outside of the SRF operating expenses.

ADMINISTRATIVE COSTS §603(D)(7)

With WRRDA, the methodology of determining funds allowable "for the reasonable costs of administering the fund and conducting activities" has changed.

The OWRB has the option of using one of the following methods:

- An amount equal to 4 percent of all grant awards received by a state CWSRF less any amount that has been used in previous years to cover administrative expenses;
- \$400,000; or
- 1/5 percent of the current valuation of the fund.

As documented in the OWRB's OA, it is beneficial to the OWRB to continue to utilize the 4% of all grant awards received by the state.

CONSTRUCTION STARTS AND INITIATION OF OPERATIONS

The Program saw seven (7) projects begin construction within SFY 2019. After subtracting the total of this year's de-obligations from the total Assistance Amount of the 7 loans, a total annual assistance amount of \$40,301,320 was reported to NIMS for SFY 2019.

Eleven (11) projects completed construction and initiation operations within SFY 2019. After subtracting the total of this year's de-obligations and any change in assistance from the total Assistance Amount of the 11 loans, a total annual amount of \$36,921,628 was reported to NIMS for SFY 2019.

TABLE 7: FINANCIAL INDICATORS

FEDERAL RETURN ON INVESTMENT	2011	2012	2013	2014	2015	2016	2017	2018	2019
306 *Annual	337%	384%	569%	644%	324%	570%	533%	1020%	296%
307 *Cumulative	253%	265%	278%	287%	289%	307%	302%	314%	332%

EXECUTED LOANS AS A % OF FUNDS AVAILABLE

308 *Annual	55%	370%	31%	137%	73%	86%	381%	265%	225%
309 *Cumulative	106%	111%	100%	102%	101%	101%	98%	105%	108%

DISBURSEMENTS AS A % OF EXECUTED LOANS

310 *Annual	121%	174%	182%	62%	180%	183%	30%	42%	77%
311 *Cumulative	75%	81%	85%	84%	86%	89%	84%	79%	79%

ADDITIONAL LOANS MADE DUE TO LEVERAGING

312 *Annual	\$28,878,228	\$43,218,046	\$10,946,356	\$23,584,069	-\$6,683,421	-\$2,202,799	\$79,470,865	\$92,870,093	\$45,808,873
313 *Cumulative	\$249,168,426	\$292,386,472	\$303,332,828	\$326,916,897	\$320,233,476	\$318,030,677	\$397,161,369	\$490,031,462	\$535,840,335
314 *Cumulative Additional Loans as a % of Contributed Capital	74%	87%	87%	90%	85%	81%	99%	118%	124%

SUSTAINABILITY (RETAINED EARNINGS) EXCLUDES SUBSIDY

318 *Annual	\$3,479,826	\$1,398,069	\$828,929	-\$132,198	\$2,406,234	\$361,550	-\$1,686,758	-\$188,049	\$1,590,089
319 *Cumulative	\$54,537,968	\$55,936,037	\$56,764,966	\$56,632,768	\$59,039,002	\$59,400,552	\$57,924,112	\$57,736,063	\$59,326,152
320 *Cumulative Retained Earnings as a % of Contributed Capital	18%	19%	18%	17%	17%	17%	16%	15%	15%

TABLE 8: LOAN APPLICATION FEES

\$249,999 or less	\$100.00
\$250,000 - \$999,999	\$250.00
\$1,000,000 or more	\$500.00

TABLE 9: HISTORICAL FUNDING SOURCES AS OF JUNE 30, 2019

FISCAL YEAR	FEDERAL CAP GRANT AMOUNT	STATE MATCH AMOUNT	EXPRESS MATCH AMOUNT	BOND ISSUE PROCEEDS	NOTES	LESS 4% ADMINISTRATION FEE	TOTAL AVAILABLE FOR ASSISTANCE
1988	\$9,278,000.00	\$1,855,600.00	\$0.00	\$0.00	(1)	\$371,120.00	\$10,762,480.00
1989	\$7,597,400.00	\$1,519,480.00	\$0.00	\$0.00	(2)	\$303,896.00	\$8,812,984.00
1990	\$7,862,000.00	\$1,572,400.00	\$0.00	\$0.00	(3)	\$314,480.00	\$9,119,920.00
1991	\$16,580,619.00	\$3,316,123.80	\$0.20	\$0.00	(3)	\$663,224.76	\$19,233,518.24
1992	\$15,697,737.00	\$3,139,547.40	\$0.60	\$0.00	(4)	\$627,909.48	\$18,209,375.52
1993	\$15,528,546.00	\$3,105,709.20	-\$0.20	\$0.00	(5)	\$621,141.84	\$18,013,113.16
1994	\$9,632,600.00	\$1,926,520.00	\$0.00	\$0.00	(6)	\$385,304.00	\$11,173,816.00
1995	\$9,951,183.00	\$1,990,236.60	\$0.40	\$0.00	(7)	\$398,047.32	\$11,543,372.68
1996	\$16,300,350.00	\$3,260,070.00	-\$1.00	\$0.00	(7,8)	\$652,014.00	\$18,908,405.00
1997	\$4,986,100.00	\$997,220.00	\$21,450.00	\$0.00	(8)	\$199,444.00	\$5,805,326.00
1998	\$10,879,110.00	\$2,175,822.00	\$8,644.94	\$0.00	(9)	\$435,164.40	\$12,628,412.54
1999	\$10,880,001.00	\$2,176,000.20	\$105,646.80	\$0.00	(10)	\$435,200.04	\$12,726,447.96
2000	\$10,996,702.00	\$2,199,340.40	\$82,990.54	\$0.00	(11)	\$439,868.08	\$12,839,164.86
2001	\$10,746,747.00	\$2,149,349.40	\$677.89	\$0.00	(12)	\$429,869.88	\$12,466,904.41
2002	\$10,770,705.00	\$2,154,141.00	\$0.00	\$26,000,000.00	(12,13)	\$430,828.20	\$38,494,017.80
2003	\$10,700,700.00	\$2,140,140.00	\$0.00	\$127,500,000.00	(14)	\$428,028.00	\$139,912,812.00
2004	\$10,720,400.00	\$2,144,080.00	\$0.00	\$0.00	(14)	\$428,816.00	\$12,435,664.00
2005	\$8,693,800.00	\$1,738,760.00	\$0.00	\$0.00	(14)	\$347,752.00	\$10,084,808.00
2006	\$7,046,300.00	\$1,409,260.00	\$67,760.00	\$0.00	(14)	\$281,852.00	\$8,241,468.00
2007/2008	\$14,087,400.00	\$2,817,480.00	\$0.00	\$0.00	(15)	\$563,496.00	\$16,341,384.00
ARRA	\$31,662,100.00	N/A	\$0.00	\$0.00		\$1,266,484.00	\$30,395,616.00
2009/2010	\$21,914,200.00	\$4,382,840.00	\$0.00	\$93,534,169.20	(15,16)	\$876,568.00	\$118,954,641.20
2011	\$11,930,000.00	\$2,386,000.00	\$0.00	\$0.00	(16)	\$477,200.00	\$13,838,800.00
2012	\$11,419,000.00	\$2,283,800.00	\$0.00	\$100,000,000.00	(16,17)	\$456,760.00	\$113,246,040.00
2013	\$10,786,000.00	\$2,157,200.00	\$0.00	\$0.00	(17)	\$431,440.00	\$12,511,760.00
2014	\$11,328,000.00	\$2,265,600.00	\$0.00	\$0.00	(18)	\$453,120.00	\$13,140,480.00
2015	\$11,269,000.00	\$2,253,800.00	\$0.00	\$114,245,235.87	(19)	\$450,760.00	\$127,317,275.87
2016	\$10,795,000.00	\$2,159,000.00	\$124,800.00	\$0.00	(19)	\$431,800.00	\$12,647,000.00
2017	\$10,712,000.00	\$2,142,400.00	\$0.00	\$0.00	(20)	\$428,480.00	\$12,425,920.00
2018	\$12,967,000.00	\$2,593,400.00	\$0.00	\$0.00	(20)	\$518,680.00	\$15,041,720.00
TOTALS	\$363,718,700.00	\$66,411,320.00	\$411,970.17	\$461,279,405.07		\$14,548,748.00	\$877,272,647.24

NOTES

- 1 FY 1988 state match appropriated by the legislature from the Statewide Water Development Revolving Fund. - 7/30/88, H.B. 1571
- 2 FY 1989 state match appropriated by the legislature from the Statewide Water Development Revolving Fund. - 4/26/89, S.B. 51
- 3 FYs 1990 and 1991 state matches appropriated by the legislature from the Special Cash Fund. - 3/20/91, S.B. 144
- 4 \$2,892,047 of FY 1992 state match appropriated by the legislature from the Constitutional Reserve Fund. - 5/28/93, S.B. 390; \$200,000 in state match provided by Ute settlement - State of New Mexico and \$47,501 in state match provided from OWRB grant account.
- 5 FY 1993 state match appropriated by the legislature from the Constitutional Reserve Fund. - 5/18/94, H.B. 2761
- 6 OWRB issued its \$1,950,000 SRF Program Notes, Series 1994 on October 25, 1994. The Series 1994 Notes were paid from monies in the Debt Service Reserve Fund for the Board's 1985 State Loan Program Bonds.
- 7 OWRB issued its \$4,050,000 CWSRF Revenue Notes, Series 1996 on May 22, 1996. The Series 1996 Notes were paid from investment and interest earnings on CWSRF accounts and repayments on the Guymon and Ketchum State Loan Program Bond loans. \$1,990,237 went toward meeting the FY 1995 state match and \$2,018,545 toward the FY 1996 state match.
- 8 OWRB issued its \$2,275,000 CWSRF Revenue Notes, Series 1997 on June 26, 1997. The Series 1997 Notes were paid from investment and interest earnings on CWSRF accounts and repayments on the Guymon and Ketchum State Loan Program Bond loans. \$1,241,524 went toward meeting the FY 1996 state match and \$1,018,670 toward the FY 1997 state match.
- 9 OWRB issued its \$2,200,000 CWSRF Revenue Notes, Series 1998 on June 25, 1998. The Series 1998 Notes were paid from investment and interest earnings on CWSRF accounts and repayments on the Guymon and Ketchum State Loan Program Bond loans.
- 10 OWRB issued its \$2,300,000 CWSRF Revenue Notes, Series 1999 on February 15, 1999. The Series 1999 Notes were paid from investment and interest earnings on CWSRF accounts and repayments on the Guymon and Ketchum State Loan Program Bond loans.
- 11 OWRB issued its \$2,300,000 CWSRF Revenue Notes, Series 2000 on June 22, 2000. The Series 2000 Notes were paid from investment and interest earnings on CWSRF accounts and repayments on the Guymon and Ketchum State Loan Program Bond loans.
- 12 OWRB issued its \$4,345,000 CWSRF Revenue Notes, Series 2001 on April 11, 2001. The Series 2001 Notes were paid from investment and interest earnings on CWSRF accounts. \$2,149,349.40 went toward meeting the FY 2001 state match and \$2,154,141.00 went toward meeting the FY 2002 state match.
- 13 OWRB issued a \$28,890,000 CWSRF Interim Construction Loan Revenue Bonds, Series 2001, on August 15, 2001. The Series 2001 Bonds are to be paid from principal and interest payments made on CWSRF loans made from bond proceeds.
- 14 OWRB issued a \$204,480,000 CWSRF/DWSRF Interim Construction Loan Revenue Bonds, Series 2004, on October 26, 2004. The Series 2004 Bonds are to be paid from principal and interest payments made on CWSRF loans made from bond proceeds. Match for 2003, 2004, 2005, 2006 with \$67,760 left.
- 15 Reallocation of bond funds from the 2004 Bond Issue to state matching funds - \$3,908,100 for the 2007, 2008 and 2009 cap grants.
- 16 OWRB issued a \$85,000,000 Revenue Bond Issue, Series 2011 on April 13, 2011 with \$6,492,200 for the 2010 and 2011 cap grants and a portion of the 2012 cap grant. \$814,000 for the 2012 state match will be available from the 2011 bond issue the remainder will need to come from another source.
- 17 OWRB issued a \$86,505,000 Revenue Bond Issue, Series 2012B on November 7, 2012 with \$2,047,000 for the remainder of the 2012 cap grant. The state match for the 2013 cap grant was provided with a reallocation of the 2012B bond proceeds of \$1,500,000 and overmatch from 2006 of \$67,760 and overmatch from 2012B Bonds of \$577,200, and \$12,240 from an appropriation from the Water Infrastructure Development Fund.
- 18 Reallocation of bond funds from the 2012B Bond Issue to state matching funds.
- 19 OWRB issued a \$100,620,000 Revenue Bond Issue, Series 2015 on December 17, 2015 with \$4,537,600 for the 2015 and 2016 cap grants leaving a \$124,800 overmatch.
- 20 Reallocation of bond funds from the 2015 CWSRF Bond Issue to state matching funds.

TABLE 10: SUMMARY OF ADMINISTRATIVE ACCOUNTS

CAP GRANT NO. CS40	CAP GRANT FUNDS	4% SET-ASIDE AMOUNT	STATE ADMIN YEAR	EXPENDED FROM 4% SET-ASIDE	BANKED 4% SET-ASIDE BALANCE CUMULATIVE	RECEIVED IN OUTSIDE ACCOUNT**	EXPENDED FROM OUTSIDE ACCOUNT	EXPENDED FROM OUTSIDE ACCOUNT/BUMP	OUTSIDE ACCT** BALANCE CUMULATIVE
0001-89-0	88	\$371,120.00	1990	\$267,260.20	\$103,859.80	\$0.00	\$0.00		\$0.00
0001-89-1	89	\$303,896.00	1991	\$317,222.55	\$90,533.25	\$6,645.85	\$0.00		\$6,645.85
0001-90-0	90	\$314,480.00	1992	\$304,224.90	\$100,788.35	\$61,038.10	\$4,845.78		\$62,838.17
0001-91-0	91	\$663,224.76	1993	\$338,973.80	\$425,039.31	\$135,268.39	\$19,201.38		\$178,905.18
0001-92-0	92	\$627,909.48	1994	\$412,302.79	\$640,646.00	\$172,677.21	\$91,539.01		\$260,043.38
0001-93-0	93	\$621,141.84	1995	\$36,317.36	\$1,225,470.48	\$198,427.36	\$374,450.40		\$84,020.34
0001-94-0	94	\$385,304.00	1996	\$370,594.21	\$1,240,180.27	\$204,594.86	\$217,803.20		\$70,812.00
0001-95-0	95	\$398,047.32	1997	\$376,309.00	\$1,261,918.59	\$110,168.75	\$81,189.13		\$99,791.62
0001-96-0	96	\$652,014.00	1998	\$283,979.00	\$1,629,953.59	\$338,310.69	\$311,939.84		\$126,162.47
0001-97-0	97	\$199,444.00	1999	\$0.00	\$1,829,397.59	\$377,880.55	\$378,995.72		\$125,047.30
0001-98-0	98	\$435,164.40	2000	\$0.00	\$2,264,561.99	\$491,889.36	\$449,188.42		\$167,748.24
0001-99-0	99	\$435,200.04	2001	\$220,545.42	\$2,479,216.61	\$601,236.58	\$507,070.09	\$1,857.93	\$260,056.80
0001-100-0	2000	\$439,868.08	2002	\$144,193.71	\$2,774,890.98	\$610,366.39	\$707,864.29	\$26,075.53	\$136,483.37
0001-101-0	2001	\$429,869.88	2003	\$128,364.98	\$3,076,395.88	\$721,147.29	\$615,566.98	\$43,131.32	\$198,932.36
40000202	2002	\$430,828.20	2004	N/A	\$3,507,224.08	\$793,865.98	\$678,699.06	\$3,935.22	\$310,164.06
40000204	2003	\$428,028.00	2005	N/A	\$3,935,252.08	\$843,271.10	\$745,075.59	\$0.00	\$408,359.57
40000205	2004	\$428,028.00	2006	N/A	\$4,363,280.08	\$874,416.19	\$778,732.54	\$0.00	\$504,043.22
40000206	2005	\$347,752.00	2007	\$61,048.30	\$4,649,983.78	\$977,081.00	\$696,811.00	\$0.00	\$784,313.22
40000207	2006	\$281,852.00	2008	\$31,751.26	\$4,900,084.52	\$959,796.00	\$875,374.00	\$0.00	\$868,735.22
40000208	2007/2008	\$563,496.00	2009	\$127,823.28	\$5,335,757.24	\$1,019,751.00	\$1,193,883.00	\$0.00	\$694,603.22
2W-96688501	ARRA	\$1,266,484.00	2010	\$742,626.65	\$5,859,614.59	\$1,179,759.31	\$1,178,736.04	\$0.00	\$695,626.49
40000210	2009/2010	\$876,564.00	2011	\$255,064.13	\$6,481,114.46	\$1,002,432.46	\$1,206,749.42	\$0.00	\$491,309.53
40000211	2011	\$477,200.00	2012	\$80,572.58	\$6,877,741.88	\$1,757,659.00	\$1,053,387.11	\$0.00	\$1,195,581.42
40000212	2012	\$456,760.00	2013	N/A	\$7,334,501.88	\$2,049,551.00	\$1,376,583.00	\$0.00	\$1,868,549.42
40000213	2013	\$431,440.00	2014	N/A	\$7,765,941.88	\$2,276,819.00	\$1,955,991.00	\$0.00	\$2,189,377.42
40000214	2014	\$453,120.00	2015	N/A	\$8,219,061.88	\$2,252,743.00	\$2,051,801.00	\$0.00	\$2,390,319.42
40000215	2015	\$450,760.00	2016	N/A	\$8,669,821.88	\$2,332,320.30	\$2,052,563.81	\$0.00	\$2,670,075.91
40000216	2016	\$431,800.00	2017	N/A	\$9,101,621.88	\$2,466,908.00	\$1,717,624.00	\$0.00	\$3,419,359.91
40000217	2017	\$428,480.00	2018	N/A	\$9,530,101.88	\$2,497,638.55	\$1,737,419.81	\$0.00	\$4,179,578.65
40000218	2018	\$518,680.00	2019	N/A	\$10,048,781.88	\$2,544,874.32	\$1,879,657.68	\$0.00	\$4,844,795.29
TOTAL	N/A	\$14,547,956.00	N/A	\$4,499,174.12	\$10,048,781.88	\$29,858,537.59	\$24,938,742.30	\$75,000.00	\$4,179,578.65
AVAILABLE ADMINISTRATIVE FUNDS					\$10,048,781.88				\$4,179,578.65
TOTAL OF ALL AVAILABLE ADMINISTRATIVE FUNDS									\$14,228,360.53

**The outside account revenue is generated from a 0.5% annual administrative fee on all outstanding loans.

Table 11: Actual Federal Disbursements for SFY 2019

	QTR 1	QTR 2	QTR 3	QTR 4	TOTALS (QTR 1 - 4)
Scheduled	\$10,712				\$10,712
Actual Federal SRF Program Totals (in Millions)	\$204,890	\$7,218,355	\$6,872,174	\$5,644,340	\$19,939,759

PROGRAM INITIATIVES AND RULE CHANGES

DOCUMENT MANAGEMENT SYSTEM

The OWRB continued its efforts to streamline operations by implementing a document management system for the Financial Assistance Division’s documents. Program staff utilized the document management system daily to view and process documents. The repository contributes to better records management by improving staff efficiency and providing greater records integrity. The system allows for faster access to files by multiple people simultaneously and increases staff productivity by decreasing time required for retrieving files and finding misplaced files. Other advantages to document imaging include reducing risk by providing backup to critical and essential paper documents and reducing physical storage space.

OWRB is always looking to better our customer service. Since email storage size is limited, ShareBase has helped with this issue. ShareBase is an online, cloud based file sharing system that offers unlimited storage for our agency. We use this as a temporary repository for large file sizes that are not able to be shared by email. This has allowed our staff to better assist our borrowers with sharing documents in a timely manner.

Our systems are integrated with the division’s loan servicing software, Infrastructure Financing Software (IFS), to provide staff convenient access to loan documents. IFS has the added benefit of loan data and tracking as well as creating custom reports and standard for instantaneous data retrieval. Development of automated reports necessary for many CWSRF reporting requirements continued in SFY 2019 expediting CBR/NIMS reporting as well as this Annual Report.

GOALS FOR FUTURE INTENDED USE PLANS

To provide for better management and greater flexibility of the CWSRF, as well as the DWSRF, the OWRB again requested EPA approval to reserve the right to transfer funds, of up to 33% of the DWSRF capitalization grant, between the two programs. However, no transfer was necessary for SFY 2019.

No changes in the loan interest rate subsidy are anticipated, however, the OWRB is currently utilizing an independent financial advisor to review all OWRB lending programs and identify the strategy’s long term impact on the health of the fund, along with the financial aspects of the loan application and loan monitoring processes.

RULE CHANGES

The following rule changes related to the CWSRF Program were approved by the OWRB on February 19, 2019 and ratified by the Legislature and Governor. They became effective on August 11, 2019.

Language was added to aid entities with emergency funding and to waive requirements, as allowed by law. Some superfluous language was removed regarding documents needed for loan closing. Updated language regarding the federal decennial census was included in the management of the project priority list. Finally, the environmental information document language was updated to match current regulations.

A complete list of OWRB Financial Assistance Administrative Rules can be found on the Secretary of State's website at www.oar.state.ok.us. An unofficial version can be found on the OWRB website at www.owrb.ok.gov/rules. Oklahoma state statutes can be found at www.oscn.net.

The Financial Assistance Division complies with all applicable state statutes, federal laws and administrative codes.

ENVIRONMENTAL BENEFIT AND PERFORMANCE

The CWSRF Program continues to provide affordable financing to communities, achieving its ultimate purpose of protecting public health and the environment while helping the State work towards meeting the "fishable/swimmable" goals of the CWA. Oklahoma's integrated priority rating system prioritizes based upon multiple environmental benefit metrics to ensure that CWSRF funds are most effectively used, to provide a standardized intra-agency method for benefit comparison and reporting. Further, these metrics provide reference data that can be used to fulfill the OWRB's reporting requirements in accordance with Environmental Results Assistance Agreement Order No. 5700.7.

Table 12 summarizes the environmental benefits addressed by each project. Seven(7) of the seventeen projects approved for funding during SFY 2019 were proposed as a result of a documented public health threat and/or NPDES discharge permit violation and assist borrowers to come into permit compliance. Ten (10) of the seventeen projects reduced pollutants from affected stream segments identified as threatened or impaired in Oklahoma's Integrated Water Quality Assessment Report (303(d) listing). Additionally, nine (9) projects lie within hydrologic basins where groundwater is considered highly vulnerable, within or affecting a source water protection area, watershed designated as nutrient-limited or upstream of waters with recreational or ecological significance.

TABLE 12: PROJECTED ENVIRONMENTAL BENEFITS FOR PROJECTS FUNDED WITHIN SFY 2019

PROJECT	Carney PWA	Meeker PWA	Calumet PWA	Inola PWA	Haileyville PWA
Project Number	ORF-18-0011-CW	ORF-19-0003-CW	ORF-19-0007-CW	ORF-19-0012-CW	ORF-18-0008-CW
Binding Commitment Year	2019	2019	2019	2019	2019
Population	433	535	735	1,267	672
Total Assistance Provided	\$104,850	\$60,000	\$1,100,000	\$300,000	\$40,850
Waterbody name	Un Trib to Bell Cow Creek	Un Trib to Quapaw Creek	Six Mile Creek	Pea Creek	Un Trib to Blue Creek
Affected Waterbody I.D.	OK520700050030_00	OK520700040350_00	OK520530000110_00	OK121500020100_00	OK220600030020_00

PROJECT TYPE FACTOR

Consent Order or Enforceable NPDES Permit Schedule	X			X	X
Eliminate or reduce documented health threat or NPDES violation within watershed that is a water supply					
Eliminate or reduce documented health threat or NPDES violation	X				
All other projects sustaining or reducing current degree of treatment, increasing capacity, reliability, or efficiency, reclaim/reuse water, or reduce documented water quality threat		X	X	X	X

WATER QUALITY RESTORATION FACTOR

Affects 303d listed stream					
NPS Priority Watershed			X	X	
Project implements water quality plan	X			X	

WATER QUALITY PROTECTION FACTOR

APPENDIX A WATER	Outstanding Resource Water				
	High Quality Water				
	Sensitive Water Supply				
	Scenic River				
	Nutrient-limited watershed				
	Cultural Significance				
APPENDIX B WATER	Waters with recreational and/or ecological significance				
	Source water protection area				
GROUNDWATER VULNERABILITY	Low			X	X
	Moderate	X	X		
	High				
	Very High			X	

Broken Arrow MA	Elk City PWA	Weleetka PWA	Duncan PUA	Oklahoma City WUT	Tulsa MUA
ORF-17-0005-CW	ORF-18-0004-CW	ORF-19-0008-CW	ORF-19-0017-CW	ORF-19-0016-CW	ORF-19-0001-CW
2019	2019	2019	2019	2019	2019
74,859	12,426	825	23,240	207,402	395,599
\$4,255,000	\$191,000	\$400,000	\$11,325,000	\$34,150,000	\$10,626,000
Arkansas River	Elk Creek	Alabama Creek	Un Trib to East Cow Creek/Claridy Creek	N. Canadian River	Arkansas River/ Bird Creek
OK120410010080_00	OK311500030030_00	OK520500010200_00	OK311200000100_00 OK311200000110_00	OK520520000010_10	OK120420010010_00 OK121300010010_00

X					
X	X	X	X	X	X

X		X	X	X	X
	X				

X	X		X		X
	X				
X		X		X	X

TABLE 12: CONTINUED

PROJECT	Coalgate PWA	Laverne PWA	Shawnee PWA	Broken Arrow MA	Durant CUA	Miami SUA
Project Number	ORF-19-0009-CW	ORF-19-0018-CW	ORF-19-0020-CW	ORF-19-0021-CW	ORF-19-0019-CW	ORF-14-0011-CW
Binding Commitment Year	2019	2019	2019	2019	2019	2019
Population	781	1,578	30,420	74,859	16,974	13,570
Total Assistance Provided	\$400,000	\$1,375,000	\$5,380,000	\$11,415,000	\$4,000,000	\$4,450,000
Waterbody name	Un Trib to Brier Creek	N. Canadian River (Beaver River)	N. Canadian River	Arkansas River	Caney Creek to Island Bayou	Neosho River
Affected Waterbody I.D.	OK410400050585_00	OK720500020010_00	OK520510000110_05	OK120410010080_00	OK410700000100_00 OK410700000040_00	OK121600040010_00

PROJECT TYPE FACTOR

Consent Order or Enforceable NPDES Permit Schedule	X	X				X
Eliminate or reduce documented health threat or NPDES violation within watershed that is a water supply						X
Eliminate or reduce documented health threat or NPDES violation	X	X				
All other projects sustaining or reducing current degree of treatment, increasing capacity, reliability, or efficiency, reclaim/reuse water, or reduce documented water quality threat			X	X	X	

Affects 303d listed stream		X	X	X	X	X
NPS Priority Watershed						
Project implements water quality plan	X					X

APPENDIX A WATER	Outstanding Resource Water					
	High Quality Water					
	Sensitive Water Supply					
	Scenic River					
	Nutrient-limited watershed					
	Cultural Significance					
APPENDIX B WATER	Waters with recreational and/or ecological significance					
	Source water protection area					
GROUNDWATER VULNERABILITY	Low	X		X	X	X
	Moderate					
	High					
	Very High		X	X	X	

THE FUTURE OF OKLAHOMA'S WASTEWATER INFRASTRUCTURE

As a result of the widespread need for water pollution control infrastructure financing, and efforts by the OWRB to implement a “lower than market rate” loan program, the OWRB has received a positive response from communities across the state requesting their projects be added to the five-year CWSRF PPL. For SFY 2020, thirty (30) communities have made requests for thirty one (31) wastewater construction, water conservation, water quality and planning and design projects totaling over \$109.8 million. The demand through 2024 totals over \$245.9 million. This number is likely low, as historically the number of projects identified on the CWSRF PPL target for future years underestimates the actual project demand due to the uncertainty of future construction schedules, the issuance of new enforcement or administrative orders, etc. The OCWP documents over \$12.5 billion in wastewater construction needs through the year 2020. Since 2010, the CWSRF program has funded \$2.1 billion in wastewater treatment projects. With this mark passing, our new target will be \$22.83 billion in wastewater infrastructure needs by 2040.

As the OWRB approaches the renewal of the OCWP, we will be meeting with state agencies and stakeholders to discuss any areas that need updating. Traditionally, the OCWP looked at only drought times. This update will include the extremes, flooding and drought, for a more holistic view. The projected release of this update will be in 2025.

The OWRB's Financial Assistance Division has funded Oklahoma water and wastewater infrastructure projects for over 30 years. We look forward to working with our partners to develop solutions in order to help communities address their infrastructure needs for this generation and generations to come!

LIST OF ACRONYMS

AIS	American Iron and Steel
CATEX	Categorical Exclusion
CBR	CWSRF Benefits Reporting
CIP	Capital Improvement Plan
CWA	Clean Water Act
CWSRF	Clean Water State Revolving Fund
DA	Development Authority
DB	Davis Bacon (Act)
DWSRF	Drinking Water State Revolving Fund
EA	Environmental Assessment
EID	Environmental Information Document
EIS	Environmental Impact Statement
EPA	Environmental Protection Agency
FAD	Financial Assistance Division
FACT	Funding Agency Coordinating Team
FFATA	Federal Funding Accountability and Transparency Act
FFY	Federal Fiscal Year
FONSI	Finding of No Significant Impact
FSP	Fiscal Sustainability Plan
GIS	Geographic Information Systems
GPR	Green Project Reserve
Guide	Public Wastewater System Planning Guide
IFS	Infrastructure Financing Software
IUP	Intended Use Plan
MA	Municipal Authority
MMD	Municipal Market Daily
MS4	Municipal Separate Storm Sewer System
NEPA	National Environmental Policy Act
NIMS	National Information Management System
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
OA	Operating Agreement
OASIS	Oklahoma Advantages Assessment & Scoring for Infrastructure Solutions
OCWP	Oklahoma Comprehensive Water Plan
ODEQ	Oklahoma Department of Environmental Quality
PUA	Public Utilities Authority
PWA	Public Works Authority
PPL	Project Priority List
ROD	Record of Decision
SFY	State Fiscal Year
SOF	Statement of Finding
SOP	Standard Operating Procedures
SERP	State Environmental Review Process
WRRDA	Water Resources Reform and Development Act
WUT	Water Utilities Trust

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Acknowledgements

The Financial Assistance Division would like to thank our SFY 2019 assistance recipients, as well as past recipients, for helping to make Oklahoma's Clean Water State Revolving Fund Program a success.

We would like to thank our staff for their hard work over the last year.

The program would not be the success that it is without them!