

FY 2019 ANNUAL REPORT

(July 1, 2018 - June 30, 2019)

West Virginia

Department of Environmental Protection

Clean Water State Revolving Fund



Submitted to the
U.S. Environmental Protection Agency
Region III
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INTRODUCTION

This submittal of the 28th annual report to the U.S. Environmental Protection Agency describes the operation of the West Virginia Water Pollution Control Revolving Fund, commonly referred to as the “Clean Water” State Revolving Fund (CWSRF). This report details the CWSRF activities in state fiscal year 2019 (July 1, 2018 - June 30, 2019) and the progress made in meeting the goals and objectives for the program outlined in the Intended Use Plan. This report summarizes all financial transactions of the CWSRF, including binding commitments, loans, disbursements, repayments of principal and interest, and investments.

EXECUTIVE SUMMARY

The West Virginia Department of Environmental Protection (DEP) has received 30 capitalization grant awards and amendments from EPA (Exhibit 1). As required by federal law, the required minimum 20% state match has been deposited on or before the dates of the federal payments contained within each grant award.

During this fiscal year, there were seven loan/bond agreements and two amendments issued on Section 212 and 319 publicly owned wastewater projects with a cumulative loan amount of \$39,153,034. There were no loans made to Section 319 nonpoint source projects under the Agriculture Water Quality Loan Program. There were 39 loans made to individual homeowners worth \$294,724 under the Onsite Systems Loan Program. Exhibit 2b shows a summary of nonpoint source loan transactions. The loans under the program were made by intermediary lenders participating with DEP in this program. The FY 2019 net binding commitments totaled \$39,213,146 (Exhibit 2a). The DEP did not use any federal grant funds for program administration in this fiscal year.

For fiscal years 1991 through 2019, the CWSRF has now issued a grand total of \$1,288,228,536 in loan agreements, which include municipal projects, nonpoint source projects and prior DEP administrative costs, which are no longer used by the CWSRF program from the capitalization grants.

At the end of this fiscal year, the CWSRF program was in compliance with all federal requirements regarding state matching funds and the 120% federal binding commitment requirement (Exhibit 4).

GOALS AND ACCOMPLISHMENTS

The goals are re-stated from the FY 2019 Intended Use Plan with the DEP response following:

A. Long term goals

- 1) Expand CWSRF accessibility by creating new financial assistance programs to address NPS pollution control problems.**

DEP Response: The program is evaluating options to reinvigorate the Agricultural Loan Program and has continued to offer debt forgiveness incentives for decentralized systems.

- 2) Ensure the CWSRF program operates in perpetuity at its maximum level to provide financial assistance to local entities. The objectives to accomplishing this goal are to conduct financial capability reviews on all potential loan recipients, monitor repayment activity, maximize investment opportunities, and use EPA's financial planning model to evaluate the long-term effects of CWSRF policies.**

DEP Response: Financial reviews were performed on all applications submitted to the Infrastructure and Jobs Development Council. The Water Development Authority continued to monitor repayment activity on all loans and took appropriate action, when necessary, to resolve any financial deficiencies. There are no financial deficiencies this fiscal year

- 3) Integrate the CWSRF program into DEP's Watershed Management Framework to increase program effectiveness by targeting the CWSRF funds toward higher priority watersheds.**

DEP Response: CWSRF personnel continue to meet internally with watershed management personnel to identify high priority watersheds and where CWSRF resources can be helpful toward resolving problems. The CWSRF staff continues to participate in both internal and external work groups regarding goals to reduce nutrients in the Tygart Valley Watershed. We did not receive any technical assistance requests during this fiscal year; however, we have remained in close contact with the impacted communities.

- 4) Market the CWSRF program throughout the state to increase commitment of funds and maintain program pace. Marketing objectives will include articles on program activities, press releases, and participation in meetings of federal and state associations concerned with water quality, health, and economic issues.**

DEP Response: This goal was met in 2019. The CWSRF published four articles in the WV Public Service Commission's quarterly newsletter. The program also actively participates in the WV Rural Water Conference.

- 5) Participate in the monthly meetings of the IJDC by performing technical reviews on all proposed sewer projects and coordinate and recommend the most feasible funding sources.**

DEP Response: 36 applications and preliminary engineering reports submitted to the West Virginia Infrastructure and Jobs Development council were reviewed for technical feasibility and financial affordability by the CWSRF engineering staff.

- 6) Incorporate EPA's strategic plan program activity measures into the CWSRF program implementation by working to achieve a targeted fund utilization rate of 100% (cumulative dollar amount of loan agreements divided by cumulative amount available for projects).**

DEP Response: The cumulative fund utilization rate at the end of SFY 2019 was 94% and the FFY 2018 capitalization grant was completely drawn within nine months of award.

- 7) Develop effective wastewater management in rural, low income West Virginia communities. This includes investigating new funding opportunities and participating in groups to develop wastewater management ideas and programs.**

DEP Response: The continued definition of a decentralized system as a categorically "green" project allowable under the "green reserve" funds has allowed the CWSRF to continue to push projects in the state's rural, low income communities forward. There has been a large push this year to work with McDowell County communities to provide wastewater infrastructure to their disadvantaged communities. This has resulted in partnerships across multiple funding agencies to move these projects forward.

B. Short term goals

- 1) Continue outreach efforts on new potential loan recipients.**

DEP Response: This goal was accomplished. The CWSRF program staff is available at the WV Expo and the WV Rural Water Association Conference to discuss the program with potential borrowers.

- 2) Achieve the targeted fund utilization rate "pace" goal of 95% in FY 2019. Program pace is defined by EPA as the cumulative loan assistance provided divided by the total amount of funds available. Loan assistance is defined as the cumulative assistance provided by executed loan and bond agreements (does not include preliminary binding commitment letters).**

DEP Response: The cumulative utilization rate was 94% at the end of FY 2019. Due to some project delays, we were not able to count certain projects during this state fiscal year. However, as of the end of the first quarter of state fiscal year 2020, the CWSRF program has closed on funding for projects totaling \$30,468,989. This is only \$8.6

million less than the amount funded during state fiscal year 2019. Therefore, the pace percentage should increase next year.

- 3) Provide outreach and requested technical assistance to several communities in the Tygart River Watershed as they consider biological nutrient removal processes in their systems.**

DEP Response: The CWSRF staff continues to participate in both internal and external work groups regarding goals to reduce nutrients in the Tygart Valley Watershed. We did not receive any technical assistance requests during this fiscal year; however, we have remained in close contact with the impacted communities.

- 4) Continue to work with the communities required to upgrade their systems in the State's Watershed Improvement Plan for the Chesapeake Bay and the Greenbrier River TMDL.**

DEP Response: \$810,036 was disbursed this year for projects in the Chesapeake Bay watershed and \$408,806 was disbursed for projects on the Greenbrier River.

- 5) Keep the CWSRF flexible to be able to quickly respond to potential project shifts due to the State's economic crisis and rapid regional population adjustments.**

DEP Response: This goal was accomplished. The coordination with other funding agencies through the IJDC makes it possible to shift funding and projects as needed.

C. Environmental Results

During FY 2019, 31 projects received CWSRF allocations totaling approximately \$40.7 million dollars. The majority of the funding continues to be used for actual construction while the remaining portion was used for planning, design, and administrative expenses related to the projects.

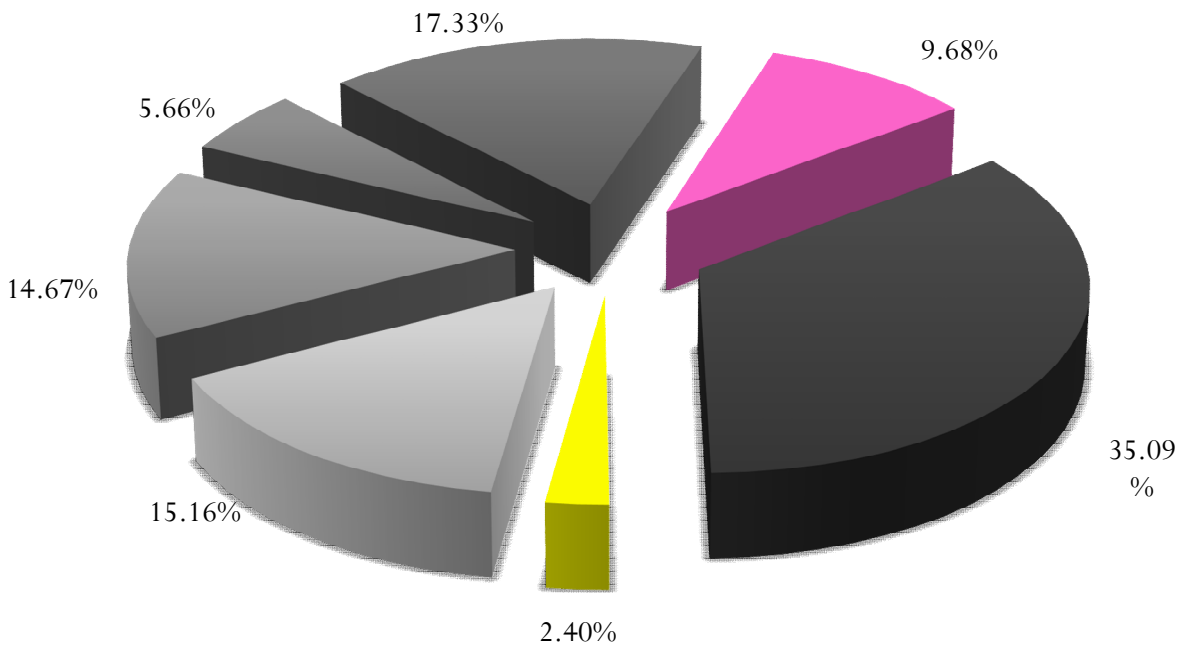
West Virginia's CWSRF program provides financial assistance to improve and maintain water quality throughout the State. The projects financed are vital in protecting and improving water quality in rivers, lakes, and streams throughout the State used for drinking water, recreation, cold water fisheries, warm water fisheries, wildlife use, industrial use, and agricultural use. In addition to the normal projects addressing wastewater issues, the CWSRF provided funding to projects to reduce stormwater impacts.

During FY 2019, the CWSRF program contributed to the joint State/EPA mission of achieving clean and safe water with the following goals:

Eliminate sewage overflows from combined sewer overflows (CSOs) and from separate sewer system overflows (SSOs), improve and protect designated uses of water bodies, and achieve and maintain CWA compliance.

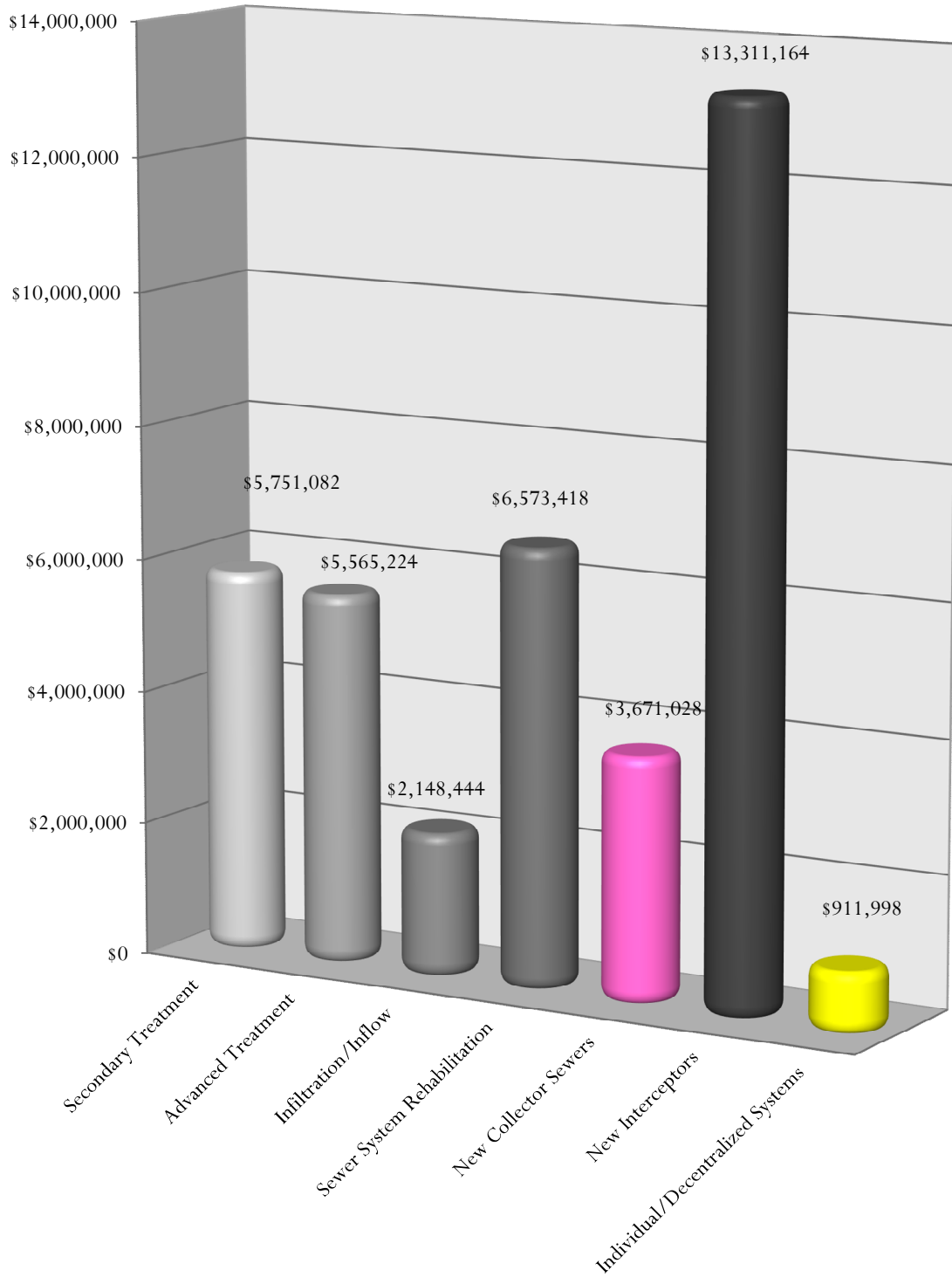
Loan and Principal Forgiveness dollars closed in FY2019 were predominately in the “new interceptors” category (35%), leaving the rest of the dollars to be spread of six other needs categories. The majority of the remainder was distributed mainly in: Sewer System Rehabilitation (17.33%), Advanced Treatment (14.67%), and Secondary Treatment (15.16%). (See graphs)

FY2019 % by Needs Category



- Secondary Treatment
- Infiltration/Inflow
- New Collector Sewers
- Individual/Decentralized Systems
- Advanced Treatment
- Sewer System Rehabilitation
- New Interceptors

FY2019 Needs Categories by \$ Closed



The following CWSRF “Success Stories” are examples of the types of projects funded during FY2019:

**TOWN OF OCEANA WASTEWATER TREATMENT UPGRADE COLLECTION SYSTEM
EXTENSION
OCEANA, WEST VIRGINIA**



- WWTP Rehabilitation/Replacement
- Emergency Power Generators/Spare Pumps
- Resolution of NOV
- Increased WWTP capacity

Success Story: This project helps achieve compliance by resolution of violations through the rehabilitation and/or replacement of the existing treatment facility.

General information: The Town of Oceana currently owns and operates a wastewater collection and treatment system which serves 734 residential and commercial customers within the corporate limits and an additional 1,605 customers in the communities of Kopperston, Killydale, Lillyhaven, Lynco Hollow, Toney’s Branch, and Southern Oceana (the Crouch Farm area along Route 971).

Specifics: The Town of Oceana WWTP and collection system was constructed in the 2000s. The WWTP has a design flow of 500,000 gallons per day (gpd) and utilizes the intermittent cycle extended aeration system (ICEAS) to treat wastewater.

The West Virginia Department of Environmental Protection (DEP) has issued a Notice of Violation to the Town dated August 19, 2011 (NOV WV-11-55-8/20-MDP-2) because daily flows were in excess of 90% of the permitted average design flow of 500,000 gpd for a period of 3 consecutive months or more. Returning the Town to compliance will require that its plant capacity be expanded. The project is needed to ensure compliance with discharge permit requirements in a cost-efficient manner.

The project is to increase the existing 500,000 gallons per day (gpd) wastewater treatment plant to 750,000 gpd. Major components of the upgrade are to replace the mechanical bar screen, the grit chamber equipment, the 3 influent pumps and 4 effluent pumps; 2 new wash water pumps; replace the sludge belt and the ultraviolet bulbs and ballasts; add 2 new blowers; add a second 250,000 gallon aerobic digester and a third 250,000 gallon intermittent cycle extended aeration system (ICEAS) treatment basin; purchase a vacuum trailer; make building repairs; cover for generator sets; and all necessary piping, controls and appurtenances. A spare pump will be purchased for all sewage collection system pump stations. An inflow/infiltration study will be conducted as part of this project.

The project costs and funding sources are as follows:

Total Project Cost	\$	7,285,453.00
State Revolving Fund Loan	\$	7,185,453.00
IJDC Grant	\$	100,000.00

**UNION PUBLIC SERVICE DISTRICT ROCKY FORK SEWER EXTENSION
AND WASTEWATER TREATMENT PLANT UPGRADE PROJECT
CROSS LANES AND NITRO, WEST VIRGINIA**



- Replacing the Headworks and Clarifier Equipment at the Rocky Fork WWTP
- Replacing a Pump Station, Force Main
- Extending Service to Unsewered Residents Located between the Existing Systems of Nitro, Union PSD, and Sissonville PSD

Success Story: This project helps maintain compliance, eliminates recurring maintenance issues, and improves and protects the quality of local water bodies by replacing aging equipment and infrastructure, improving the existing collection system, and extending sewer to unserved residents located in areas draining to Fisher Branch and Rocky Fork.

General information: Union Public Service District (PSD) serves approximately 5,300 total customers in the areas of Cross Lanes and Nitro, Kanawha County, West Virginia, about 14 miles west of Charleston. The PSD operates two separate extended aeration wastewater treatment plants (WWTPs), located along 40th Street and Rocky Fork Road, and their respective collection systems. This project includes upgrades at the Rocky Fork WWTP, but the proposed extensions will convey flow to both of the WWTPs. In total, sewer service will be extended to 183 new customers.

Specifics: Union PSD’s Rocky Fork WWTP requires upgrades to continue operating in compliance. These upgrades include replacing the WWTP’s original bar screen, headworks, and clarifier drive chains, as well as constructing a new garage and lab building for operations. This project is also extending service to 144 new customers located along and in the vicinity of Rocky Fork Road and Fishers Branch Road. These customers are largely situated between the existing service areas of Union PSD and Sissonville PSD and within the drainage areas of the Rocky Fork and Fishers Branch streams, which have TMDLs for fecal coliform. Extending service to these customers will improve the quality of the streams by removing untreated and/or improperly treated sewage from these streams. A duplex pump station designed for 16,848 gallons per day (GPD) average daily flow (ADF) and a 1,989 GPD ADF duplex grinder station will be constructed to convey flow from the new gravity collection system to the Rocky Fork WWTP.

Service will also be extended to 39 new customers situated between the existing service areas of Union PSD and the City of Nitro, located in the vicinity of Crest Drive and Melton Avenue. Wastewater from these customers will be conveyed to the 40th Street WWTP by way of a new gravity sewer and a 1,638 GPD ADF duplex grinder station. Within the 40th Street WWTP’s collection system, the project will also replace the existing Koontz Drive Pump Station and its associated force main, which have recurring maintenance issues. In addition, the existing recirculation line that conveys excess flow from the Koontz Drive Pump Station back to the preceding pump station, will be taken out of service as the new station is designed to pump all received flow.

The project costs and funding sources are as follows:

Total Project Cost	\$	8,637,000.00
State Revolving Fund Loan	\$	8,597,000.00
IJDC Soft Cost Grant	\$	40,000.00

**CITY OF MOUNT HOPE EQUALIZATION BASIN PROJECT
MOUNT HOPE, WEST VIRGINIA**



- 2.0 MG stormwater flow equalization tank
- Eliminate sewer overflow
- Comply with requirements in Consent Order

Success Story: This project helps achieve compliance by resolution of violations through the rehabilitation of the existing treatment facility and construction of an equalization basin.

General information: The City of Mount Hope is located in Fayette County, West Virginia, just north of the border between Fayette and Raleigh Counties.

Specifics: The City of Mount Hope has provided for collection of sewage since prior to 1934. Since then the system has expanded throughout the city and surrounding communities, consisting of a mix of materials including vitrified clay pipe (VCP). The original system drained into the surrounding creeks; with a treatment plant eventually constructed along with additional collection lines. Over time some of the lines have been replaced and upgraded, however the system experiences a 46% I&I rate.

Mount Hope completed an I&I study in 2010 and devised a Five-Year Correction Plan. With limited success in correcting I&I problems and continued bypasses, the City received a Consent Order from the WVDEP in July 2016.

In 2016 another I&I study was conducted. The results of this study identified multiple areas of concern and problems that could be corrected to reduce I&I. Even with some of the work completed by the local maintenance staff, the surges of flow in the system during larger storm events continue to cause bypasses prior to treatment. The treatment plant itself is capable of handling normal flow but cannot absorb the high peaks due to storm flows.

The project consists of construction of a 2.0 MG stormwater flow equalization tank, upgrading the existing pump station and constructing a new force main to the proposed tank with a gravity return to the existing oxidation ditch. This project will implement the requirements of the Consent Order and provide the control of I&I necessary to eliminate bypasses.

The project costs and funding sources are as follows:

Total Project Cost	\$	3,200,000
State Revolving Fund Loan	\$	2,200,000
IJDC Soft Cost Grant	\$	1,000,000

D. Engineering Summary

During FY 2019, the CWSRF engineering staff performed the following activities in support of the program's goals and objectives.

ACTIVITY	FY 2019
FONSI(1)/CEs (2) issued	15
Facilities plans approved	17
Plans/Specs approved	12
Addenda approved	30
Change Orders approved	100
O&M Manuals approved	6
Site Visits/Inspections	109
Plan reviews for BPH	23
WV IJDC application reviews	36
Fiscal Sustainability Plans approved	2

- (1) Finding of No Significant Impact (an environmental review)
- (2) Categorical Exclusion

E. Administrative Summary

Activities performed by the CWSRF management section included but were not limited to the following:

ACTIVITY	FY 2019
Commitment Letters Issued	10
Authorization to Advertise	10
Design Loans	0
Loan Bond Closings (excl. Design Loans)	7
Payments Processed (excl. Design & STAG's)	196
Onsite Systems Loan reviews	13
Agriculture Loans	0

EXPANDED USES (NONPOINT SOURCES)

A. Agriculture Water Quality Loan Program

This was the 22nd fiscal year of operation for the Agriculture Water Quality Loan Program (AgWQLP). The purpose of this program is to provide a source of low interest loans for the financing of best management practices to reduce nonpoint source impacts on water quality in the agricultural community. The program is set up as a cooperative effort between the WVDEP, WV Soil Conservation Agency (SCA), USDA Natural Resources Conservation Service (NRCS), local Soil Conservation Districts (SCD) and local banking institutions.

No new loans were made under this program during this fiscal year. This program is dependent on grant funds provided to the NRCS with a match provided by the CWSRF. The CWSRF Staff will be working to improve this program during FY 2020.

B. Onsite Systems Loan Program (OSLP)

The onsite systems loan program was revitalized in FY 2007. The West Virginia Legislature amended the CWSRF statute to allow for an expanded definition of a local entity to which CWSRF money can be loaned. The West Virginia Housing Development Fund (WVHDF) was then contacted to see if they were interested to act as an intermediary lender in this program. An agreement in principal was reached between DEP and HDF and an initiation of the OSLP occurred in FY 2008. A second intermediary lender, Safe Housing and Economic Development, Inc. (SHED), also signed an agreement with DEP to participate in the program. The CWSRF has transferred incremental funds to these two entities to be used for making loans to homeowners for the repair or replacement of failing onsite sewage disposal systems. Thirty-nine actual loans were issued from these programs to homeowners this year totaling \$294,724.

The DEP transferred \$100,000 to the intermediary lenders in this program this fiscal year. This is counted as a binding commitment and is shown in Exhibit 2b. As of June 30, 2019, SHED made 173 loans for a cost of \$1,088,748 and the WVHDF has entered into 251 loans for a cost of \$1,730,639.

C. Summary

The cumulative binding commitments made to nonpoint source projects in West Virginia under the CWSRF program is now \$42,764,468 (Exhibit 2b).

FUND FINANCIAL STATUS

A. Binding Commitments

As shown in Exhibit 2a, the net binding commitments were \$39,213,146 and are being counted toward meeting the federal requirement that “all assistance provided must equal at least 120% of the cumulative amount of all federal grant payments within one year after receiving such payments”. Exhibit 4 shows the CWSRF compliance rate at 172% at the end of this fiscal year.

B. Loan and Bond Agreements

As shown in Exhibit 2a, there were seven new loan/bond agreements issued in for Section 212 projects. The CWSRF base funds provided to these entities carried loan repayment terms between 20 and 38 years.

C. Sources of Funds

Exhibit 3 shows all sources of funds that became available during this fiscal year. The sources came from federal capitalization grants, state matches, interest and investment earnings, and loan repayments. Also included in this exhibit is revenue from administrative fees charged on loans, although this money is held in a separate account, outside the CWSRF.

D. Disbursements and Cash Draws

Exhibits 5a and 5b show all disbursements made from the CWSRF and administrative fee accounts. The administrative expenditures supported activities associated with the CWSRF program, including DEP central office support and other EPA approved activities in the Division of Water and Waste Management.

E. Financial Statements/Audit

The auditing firm of Brown Edwards was chosen to perform this fiscal year’s audit. The final audit report will be transmitted to EPA this fall.

F. Monetary Defaults

There were no communities in monetary default with the CWSRF or with reserve and/or revenue account deficiencies. The West Virginia Water Development Authority actively monitors these communities monthly and when necessary, files a complaint with the Public Service Commission of West Virginia for resolution of the deficiencies.

In FY 2019, two Onsite Systems Loan Program recipients declared bankruptcy and were uncollectable. The uncollectable amount of the loans was \$5,353. There are 43 remaining accounts with the HDF that are delinquent in the amount of \$41,530. Safe Housing and Economic Development (SHED) has 78 accounts that are delinquent in the amount of \$117,961. The CWSRF continues working with the HDF and SHED to reduce the amount through various acceptable procedures.

G. Federal Requirements

The FFY 2018 capitalization grant was \$25,020,000. To minimize the burden on borrowers with compliance with the Single Audit Act (2 CFR 200 Subpart F), FFATA, and other equivalency requirements, the following projects were selected to comply with these requirements. These borrowers will submit single audit reports in all years when disbursements of federal funds (both CWSRF and non-CWSRF federal funds) are greater than \$750,000. These projects were financed through bond purchases and loan agreements. 40 CFR Part 33 applies only to loans, it does not apply to bond purchases.

Project Sponsor	Project Description	CWSRF Amount
Oceana	WWTP's Upgrade	\$7,420,299
Greater Harrison County PSD	WWTP and Line Extensions	\$11,378,500
Union PSD	WWTP Upgrade and Line Extensions	\$8,730,441

H. Additional Subsidy

As mentioned in the SFY 2018 (July 1, 2017 – June 30, 2018) EPA Program Evaluation Report (PER), the DEP has not executed loans to meet the additional subsidy requirements from the FFY 2017 and 2018 EPA capitalization grants. The amount of subsidy from these two grants total \$4,133,600 and \$5,004,000 respectively. In SFY 2019 and to date in SFY 2020, the DEP closed 3 projects containing \$4,809,883 in additional subsidy that will account for the FFY17 grant and reduce the additional subsidy requirement of the FFY18 grant by \$676,283. In addition to these projects, the DEP has committed \$6,836,685 in additional subsidy to six other projects that are anticipated to close during SFY 2020. These projects will resolve the additional subsidy requirements of the FFY 2018 grant and will reduce the requirement of the FFY 2019 grant by \$2,508,968.

PROGRAM CHANGES

There were no major programmatic changes to the program this year. Staffing changes have been occurring due primarily to retirements. This trend is anticipated to continue in future years.

ASSURANCES

Consistent with 40 CFR35.3165, the State/EPA Operating Agreement and applicable grant conditions, the DEP assures that it is:

- a. Properly applying the EPA-approved State Environmental Review Process (SERP) to section 212 defined wastewater treatment projects receiving assistance from the Fund;
- b. Diligently working to expend all monies in its CWSRF in an expeditious and timely manner and/or making sure that a well thought-out plan or strategy exists for the expenditure of all the funds in its CWSRF;
- c. Accepting federal grant payments in accordance with the payment schedule in the capitalization grant agreement and depositing its state match on or before the date quarterly grant payments are made;
- d. Pursuant to 40 CFR 35.3165, entering into binding commitments equal to 120% of federal grant payments within one year;
- e. Providing information for the National Information Management System (NIMS) in a timely manner;
- f. Submitting to EPA an annual Financial Status Report (FSR) SF-269. The annual FSR is due 90 days after the end of each state fiscal year. The final FSR on the grant is due 90 days after all funds are drawn from the capitalization grant;
- g. Submitting its semi-annual Federal Cash Transaction Report SF-272 (FCTRs);
- h. Preparing a program audit for the reporting period; and
- i. Submitting the semi-annual reports on DBE utilization in a timely manner.

EXHIBITS

Exhibit 1 – Federal Capitalization Grants

Exhibit 2a – Binding Commitments by Quarter
Exhibit 2b – Nonpoint Source Commitments

Exhibit 3 – Sources of SRF Fund by Quarter

Exhibit 4 – Federal Payments and Binding Commitments

Exhibit 5a – Disbursements – Section 212 Projects
Exhibit 5b – Disbursements – Section 319 Projects

Exhibit 1

WEST VIRGINIA STATE REVOLVING FUND - CAPITALIZATION GRANT AWARDS -as of June 30, 2019

DATE	FED. AMOUNT	SOURCE FY FUNDS	FY SOURCE	STATE MATCH REQUIRED	STATE MATCH COMMITTED	DIFF.	CUM. DIFF.
FY90 Grant 8/31/90	\$20,889,974	14,703,579 <u>6,186,395</u> \$20,889,974	89 90	2,940,716 <u>1,237,279</u> \$4,177,995	\$4,100,000 (91)	(\$77,995)	(\$77,995)
FY91 Grant 9/30/91	\$31,353,287	9,022,678 <u>22,330,609</u> \$31,353,287	90 91	1,804,535 <u>4,466,122</u> \$6,270,657	\$5,450,000 (92)	(\$820,657)	(\$898,652)
FY92 Grant 9/30/92	\$9,661,835	\$9,661,835	91	\$1,932,367	\$2,831,018 (93)	\$898,651	(\$1)
FY93 Grant 9/29/93	\$30,288,852	\$30,288,852	92	\$6,057,770	\$6,057,770 (94)	(\$0)	(\$1)
FY94 Grant 9/12/94	\$29,962,449	\$29,962,449	93	\$5,992,490	\$5,992,490 (95)	\$0	(\$1)
FY95 Grant 1/27/95	\$37,792,161	18,591,309 <u>19,200,852</u> 37,792,161	94 95	3,718,262 <u>3,840,170</u> 7,558,432	3,718,262 <u>3,840,170</u> 7,558,432 (96)	0 (0)	(1) (1)
FY97 Grant 9/30/97	31,451,607	3,498,858 <u>27,952,749</u> 31,451,607 9,713,600 <u>9,713,600</u> 41,165,207	95 96 97	699,771 <u>5,590,550</u> 6,290,321 <u>1,942,720</u> 8,233,041	0 8,233,041 (97)	0 <u>0</u> 0	(1) <u>0</u> 0
FY98 Grant 9/25/98	20,991,267	20,991,267	98	4,198,253	4,198,253 (98)	0	0
FY99 Grant 9/21/1999	20,993,049	20,993,049	99	4,198,610	4,198,610 2000	0	
FY00 Grant 9/21/00	20,921,868	20,921,868	2000	4,184,374	4,184,373 2000	(1)	0

DATE	FED. AMOUNT	SOURCE FY FUNDS	FY SOURCE	STATE MATCH REQUIRED	STATE MATCH COMMITTED	DIFF.	CUM. DIFF.
FY01 Grant 9/19/01	20,735,946	20,735,946	2001	4,147,189	4,147,189	2001	0
FY03 Grant Inc. 1/2/2003	20,782,080	20,782,080	2002	4,156,416	4,171,893	2003	0
FY03 Grant Inc.	77,200	77,200		15,440	0		37
FY04 Grant 9/28/04	20,821,900	20,821,900	2003	4,164,380	4,174,379	2004	9,999
FY05 Grant 3/16/05	20,637,300	20,637,300	2004	4,127,460	4,132,938	2005	5,478
FY05 Amendment 9/28/05	16,798,100	16,798,100	2005	3,359,620	3,367,686	2006	8,066
FY06 Grant 9/20/06	13,650,912	13,650,912	2006	2,730,182	2,730,182	2007	8,066
FY07 Grant 9/26/07	16,684,470	16,684,470	2007	3,336,894	3,336,894	2007	8,066
FY08 Grant 9/24/08	10,607,850	10,607,850	2008	2,121,570	2,121,570	2008	0
FY09 ARRA Grants	61,092,100	61,092,100	2009 ARRA	n/a	n/a		
FY09 Grant 9/30/09	10,607,850	10,607,850	2009	2,121,570	2,121,570	2009	0
FY2010 Grant 8/26/10	31,762,000	31,762,000	2010	6,352,400	6,352,400	2010	0
FY2010 Amendment 11/30/10	277,929	(trans SMAG \$)		55,585	55,585 (from admin fee acct.)		
FY2011 Grant	23,019,000	23,019,000	2011	4,603,800	4,603,800	2011	0
FY2012 Grant	22,031,000	22,031,000	2012	4,406,200	4,406,200	2012	0
FY2013 Grant	20,813,000	20,813,000	2013	4,162,600	4,162,600	2013	0
FY 2014 Grant	21,856,000	21,856,000	2014	4,371,200	4,371,200	2014	0
FY 2015 Grant							

DATE	FED. AMOUNT	SOURCE FY FUNDS	FY SOURCE	STATE MATCH REQUIRED	STATE MATCH COMMITTED	DIFF.	CUM. DIFF.	
	21,745,000	21,745,000	2015	4,349,000	4,349,000	2015	0	23,578
FY 2016 Grant	20,829,000	20,829,000	2016	4,165,800	4,165,800	2016	0	23,578
FY 2017 Grant	20,668,000	20,668,000	2017	4,133,600	4,133,600	2017	0	23,578
FY 2018 Grant	25,020,000	25,020,000	2018	5,004,000	5,004,000	2018	0	23,578
30 Grants+Amends	684,536,586	FEDERAL		124,688,895	STATE 124,712,473			23,578
				809,249,059 TOTAL				

Exhibit 2a

NEW BINDING COMMITMENT TRANSACTIONS BY QUARTER							
FY2019							
PROJECT	NUMBER C - 544	BINDING /SIGNATURE		Debt Forgiveness	Green Amount	TYPE	TERMS (int., admin fee, term)
		DATE	Loan Amount				
1st Quarter							
Oak Hill (amendment)	535	7/9/2018	\$0	\$1,000,000	\$0	BPA	n/a
Oceana	525-02	8/17/2018	\$6,420,299	\$1,000,000	\$0	BPA	0.5%, 0.5%, 30
Brooke County PSD	006-03	9/20/2018	\$2,695,000	\$0	\$0	BPA	0.75%, 0.25%, 30
OSLP Nonpoint Source	n/a	n/a	\$0	n/a	\$0	onsite	n/a
Ag Nonpoint Source (0 loans)	n/a	n/a	\$0	n/a	n/a	BMPs	n/a
2nd Quarter							
Nitro - final BAN payment	273	10/24/2018	\$2,757,922	\$0	\$0	BPA	0.5%, 0.5%, 22
Union PSD	573	12/7/2018	\$8,730,441	\$0	\$0	LA	2.5%, 0.5%, 20
Weston	471	12/18/2018	\$10,716,698	\$1,000,000	\$0	BPA	0.25%, 0.25%, 40
OSLP Nonpoint Source	n/a	10/22/2018	\$100,000	n/a	n/a	onsite	n/a
Ag Nonpoint Source (0 loans)	n/a	n/a	\$0	n/a	n/a	BMPs	n/a
3rd Quarter							
Montgomery	297	1/2/2019	(\$271)	(\$3,540)	\$0	BPA	0.25%, 0.25%, 40
Greater Harrison County PSD (biodome)	551	1/2/2019	(\$36,077)	\$0	(\$36,077)	BPA	0.0%, 0.5%, 40
OSLP Nonpoint Source	n/a	n/a	\$0	n/a	n/a	onsite	n/a
Ag Nonpoint Source (0 loans)	n/a	n/a	\$0	n/a	n/a	BMPs	n/a
4th Quarter							
Cairo (pre-bid)	547101	4/9/2019	\$0	(\$6,177)	(\$6,177)	BPA	n/a
Cairo	547101-02	4/17/2019	\$0	\$918,175	\$918,175	PFA	n/a
Mount Hope	586	4/24/2019	\$1,700,000	\$1,000,000	\$0	BPA	0.0%, 0.5%, 40
New Haven PSD	547850	4/30/2019	\$0	(\$75,574)	(\$75,574)	PFA	n/a
Romney	588	5/30/2019	\$773,256	\$522,994	\$0	BPA	0.0%, 0.5%, 40
OSLP Nonpoint Source	n/a	n/a	\$0	n/a	n/a	onsite	n/a
Ag Nonpoint Source (0 loan)	n/a	n/a	\$0	n/a	n/a	BMPs	n/a

TOTAL FY2019 BINDING COMMITMENTS

Section 212 WWT Projects	
New Commitments	38,316,610
Closings Adjustments	(39,888)
Section 319 Nonpoint Source - Ag	0
Section 319 Nonpoint Source - Direct Loans	836,424
Section 319 Nonpoint Source - OSLP	100,000
TOTAL TRANSACTIONS	39,213,146

BAN LEV - Deferred commitment
 BCL - Binding Commitment Letter
 BCL inc - increase to BCL
 BCL dec -decrease to BCL
 BPA - Bond Purchase Agreement
 BMP - Best Management Practice
 LA - Loan Agreement
 Term - Termination

COMMITMENT TOTALS BY QUARTER:

1st Quarter	11,115,299
2nd Quarter	23,305,061
3rd Quarter	(39,888)
4th Quarter	4,832,674
TOTAL TRANSACTIONS	39,213,146

Total Green \$800,347
 Total Forgiveness \$5,355,878

Exhibit 2b

Nonpoint Source Binding Commitments in FY2019

A. WV Agriculture Water Quality Loan Program

PL-534 Program

	Binding Commitments	Total Amt Loaned
Balance Forward - end of FY2018		\$4,715,545
First Quarter	\$0	
Second Quarter	\$0	
Third Quarter	\$0	
Fourth Quarter	<u>\$0</u>	
subtotal	\$0	
Cumulative Amount		\$4,715,545

EQIP / 319 Program

	Binding Commitments	Total Amt Loaned
Balance Forward - end of FY2018		\$1,696,434
First Quarter	\$0	
Second Quarter	\$0	
Third Quarter	\$0	
Fourth Quarter	<u>\$0</u>	
subtotal	\$0	
Cumulative Amount		\$1,696,434

Bay Program

	Binding Commitments	Total Amt Loaned
Balance Forward - end of FY2018		\$7,169,458
First Quarter	\$0	
Second Quarter	\$0	
Third Quarter	\$0	
Fourth Quarter	<u>\$0</u>	
subtotal	\$0	
Cumulative Amount		\$7,169,458

Cumulative Agriculture projects \$13,581,437

B. Onsite Systems Loan Program

	Binding Commitments	Total Amt Loaned
Balance Forward - end of FY2018		\$3,061,548
First Quarter	\$0	
Second Quarter	\$100,000	
Third Quarter	\$0	
Fourth Quarter	<u>\$0</u>	
subtotal	\$100,000	
Cumulative Amount		\$3,161,548

C. Direct Loans to NPS Projects

	Binding Commitments	Total Amt Loaned
Balance Forward - end of FY2018		\$25,185,059
	\$836,424	
Cumulative Amount		\$26,021,483

Total FY2019 NPS Binding Commitments

PL 534 Ag Program	\$0
EQIP/319 Ag Program	\$0
Bay Ag Program (0)	\$0
Onsite Systems Loan Program (39)	\$100,000
Direct Loans	<u>\$836,424</u>
	\$936,424

Grand Total NPS Commitments (FY98-FY2019)

PL 534 Ag Program	\$4,715,545
EQIP / 319 Ag Program	\$1,696,434
Bay Ag Program	\$7,169,458
Onsite Systems Loan Program	\$3,161,548
Direct NPS Loans (12)	<u>\$26,021,483</u>
	\$42,764,468

Exhibit 3
SOURCES OF SRF FUNDS BY QUARTER

SOURCES OF FUNDS	PREVIOUS FY	STATE FISCAL YEAR 2019				FY2019	GRAND
	TOTALS	QTR 1	QTR 2	QTR 3	QTR 4	TOTALS	TOTALS
LOC PAYMENTS							
FFY90 - 2017 GRANTS FFY18 GRANT (7/20/18)	\$659,516,586	\$25,020,000				\$25,020,000	\$684,536,586
CASH DEPOSITS							
FFY90 - 2018 STATE MATCHES FFY 19 MATCH	\$118,280,908				\$4,953,800	\$4,953,800	\$123,234,708
INVESTMENT EARNINGS							
SRF account	\$46,788,671.00	\$618,538.57	\$484,027.73	\$1,229,745.03	\$1,611,463.66	\$3,943,774.99	\$50,732,445.99
Outside the SRF account	\$1,105,373.43	\$62,863.66	\$45,594.78	\$130,054.55	\$172,873.77	\$411,386.76	\$1,516,760.19
LOAN REPAYMENTS							
Principal (212)	\$427,031,559.49	\$8,795,760.76	\$8,676,427.04	\$8,926,441.87	\$9,659,978.09	\$36,058,607.76	\$463,090,167.25
Interest (212)	\$21,284,567.69	\$658,544.25	\$645,733.46	\$633,696.04	\$646,506.46	\$2,584,480.21	\$23,869,047.90
Principal (NPS & DNPS & OSLP)	\$12,063,082.07	\$197,348.24	\$209,244.08	\$213,864.30	\$211,630.35	\$832,086.97	\$12,895,169.04
Interest (NPS & DNPS & OSLP)	\$1,295,988.41	\$26,138.27	\$25,600.17	\$25,059.38	\$24,515.87	\$101,313.69	\$1,397,302.10
ADMINISTRATIVE FEES							
SRF Projects *	\$28,581,748.12	\$793,355.72	\$788,636.76	\$789,275.76	\$790,819.15	\$3,162,087.39	\$31,743,835.51
NPS Projects	\$408,137.20	\$11,048.60	\$11,048.60	\$11,048.60	\$11,048.60	\$44,194.40	\$452,331.60
TOTALS	\$1,316,356,621.41	\$36,183,598.07	\$10,886,312.62	\$11,959,185.53	\$18,082,635.95	\$77,111,732.17	\$1,393,468,353.58
	CUMULATIVE TOTALS						
	FOR FY2019	\$36,183,598.07	\$47,069,910.69	\$59,029,096.22	\$77,111,732.17		

* includes airport adm fees

Exhibit 4

FEDERAL PAYMENTS AND BINDING COMMITMENTS

PAYMENT SCHEDULE	FED. GRANTS Received	FED. FY2018 4th Quarter	FEDERAL FY 2019				FEDERAL FY 2020				
			Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	
1990 - 2017 Grants	\$598,424,486										
2018 Grant		\$25,020,000									
2019 Grant						\$24,769,000					
Cumulative	\$598,424,486	\$623,444,486	\$623,444,486	\$623,444,486	\$623,444,486	\$648,213,486	\$648,213,486	\$648,213,486	\$648,213,486	\$648,213,486	
Cumulative REQ Binding Commitments (120%)	\$642,218,983	\$642,218,983	\$642,218,983	\$642,218,983	\$642,218,983	\$668,312,983	\$748,133,383	\$748,133,383	\$748,133,383	\$777,856,183	
Actual Binding Commitments Cumulative	\$1,030,441,345	\$1,041,556,644	\$1,064,861,705	\$1,064,821,817	\$1,069,654,491	\$1,069,654,491	\$1,069,654,491	\$1,069,654,491	\$1,069,654,491	\$1,069,654,491	
Binding Commitments as a % of payments	167%	167%	171%	171%	172%	165%	165%	165%	165%	165%	
ARRA Grant (no state match req)	\$61,092,108										
Actual Loan Assistance (binding commitment portion included above)	\$61,092,108										
		Start State FY2019	End State FY2019			Start State FY2020	End State FY2020				
		FY 2019 ANNUAL REPORT PERIOD					FY 2020 ANNUAL REPORT PERIOD				

Exhibit 5a

FY2019 DISBURSEMENTS

A). SECTION 212 PROJECTS

		STATE FISCAL YEAR 2019								
		1st Half				2nd Half				
PROJECT	NUMBER C-	State		State		FEDERAL		State		TOTAL
		Cap. Grant	Debt Forgiveness	Loan	Debt Forgiveness	Debt Forgiveness	Loan	Debt Forgiveness		
Belle	544177-04	148,383		329,472		15,846				493,701
Benwood	544531	77,643		54,529	649,541	274,007		8,564	341,532	1,405,816
Berkeley Co. PSSD	544492			89,353		10,750		17,500		117,603
Brooke County PSD	544006-03	330,259				1,019,353		276,414		1,626,026
Central Boaz PSD	544059	184,724		321,668	206,274	17,891				730,557
Franklin	544472			5,506						5,506
Frankfort PSD	544411-02	59,449				162,310				221,759
Frankfort PSD	544411-03	143,282		103,267		145,532				392,081
Greater Harrison County PSD	544551					35,572				35,572
Greater Paw Paw Sanitary Dis	544509	738,635		32,646		935,211		91,887		1,798,379
Greater St. Albans PSD	544406-03	1,067,981		856,780		64,539		66,476		2,055,776
Hancock County PSD	544431	876,538		776,697		2,552,895		463,234		4,669,364
Harpers Ferry - Bolivar PSD	544504	1,467,905		465,279		287,445		5,029		2,225,658
Keyser	544023-03	19,820		47,320		11,453				78,593
Mason	544452-02	161,019		387,671	957,985	89,628			5,855	1,602,158
Montgomery	544297	56,916		31,062	172,889					260,867
Morgantown	544520					2,072,414				2,072,414
Mount Hope	544586					380,235	14,098			394,333
Nitro	544273			2,757,922						2,757,922
Oak Hill	544535	2,376,542		1,152,642	864,417	1,599,763		472,237	958	6,466,559
Oceana	544525-02	345,604		429,408		2,848,883		347,915		3,971,810
Pennsboro	544409-03	104,541				39,245				143,786
Pocahontas Co. PSD	544415	82,059		3,035		148,964		567		234,625
Romney	544588							246,012		246,012
Ronceverte	544267	128,138		12,350		81,389		176,021		397,898
Union PSD	544573	729,293				1,307,854		982,108		3,019,255
Weston	544471	1,091,379				727,711		1,218,145		3,037,235
White Sulphur Spring	544542	1,000		9,908						10,908
										-
PROJECTS TOTAL	N/A	\$10,191,110	\$0	\$7,866,515	\$2,851,106	\$14,828,890	\$14,098	\$4,372,109	\$348,345	\$40,472,173
TOTAL (State and Federal)		\$20,908,731				\$19,563,442				\$40,472,173
FEDERAL SHARE OF TOTAL		\$10,191,110				\$14,842,988				\$25,034,098
STATE SHARE OF TOTAL				\$10,717,621				\$4,720,454		\$15,438,075
% OF TOTAL FEDERAL		0.487				0.759				0.619
% OF TOTAL STATE				0.513				0.241		0.381

Exhibit 5b

FY2019 DISBURSEMENTS

B). SECTION 319 PROJECTS	1Q	2Q	3Q	4Q	TOTAL
1). Agriculture WQLP	\$0	\$0		\$0	\$0
2). Direct NPS - Federal - Projects Below					\$0
State Match					\$0
3). Onsite Systems	\$0	\$100,000	\$0		\$100,000
SECTION 319 TOTAL	\$0	\$100,000	\$0	\$0	\$100,000
FEDERAL SHARE OF TOTAL			\$0	\$0	\$0
STATE SHARE OF TOTAL	\$0	\$100,000	\$0	\$0	\$100,000
% OF TOTAL FEDERAL	0	0%	0%	0%	0%
% OF TOTAL STATE	0	100%	0%	0%	100%

		STATE FISCAL YEAR 2019								
		1st Half				2nd Half				
PROJECT	NUMBER	State		State		FEDERAL		State		TOTAL
	C-	Cap. Grant	Debt Forgiveness	Loan	Debt Forgiveness	FEDERAL	Debt Forgiveness	Loan	Debt Forgiveness	
B2). Section 319 Projects										
Auburn	547201				2,116				3,113	5,229
Cairo	547101				35,088				3,202	38,290
Cairo	547101-02								43,715	43,715
Century Volga PSD	544556				54,200				99,300	153,500
New Haven PSD	547850				27,000				3,386	30,386
Projects Total		-	-	-	118,404	-	-	-	152,716	271,120

C). ADMINISTRATION	1Q	2Q	3Q	4Q	TOTAL
1. ADMINISTRATION - # 603(D)					\$0.00
2. ADMINISTRATION - #3342	\$438,542.76	\$387,298.76	\$478,452.97	\$479,920.96	\$1,784,215.45
ADM TOTAL	\$438,542.76	\$387,298.76	\$478,452.97	\$479,920.96	\$1,784,215.45
FEDERAL SHARE OF TOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
STATE SHARE OF TOTAL	\$438,542.76	\$387,298.76	\$478,452.97	\$479,920.96	\$1,784,215.45
% OF TOTAL FEDERAL	0%	0%	0%	0%	0%
% OF TOTAL STATE	100%	100%	100%	100%	100%