

**CLEAN WATER STATE REVOLVING FUND
SRF ANNUAL REPORT
STATE FISCAL YEAR ENDED JUNE 30, 2018**

**Prepared by the Commonwealth of Kentucky
For EPA Region IV**

September 28, 2018

KENTUCKY WASTEWATER SRF ANNUAL REPORT

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CWSRF ANNUAL REPORT

I. INTRODUCTION

The Commonwealth of Kentucky respectfully submits its Clean Water State Revolving Fund (CWSRF) Annual Report for State Fiscal Year (SFY) ended June 30, 2018. This report describes how Kentucky met the goals as identified in the 2018 Intended Use Plan (IUP) and presents the actual use of funds.

II. EXECUTIVE SUMMARY

HISTORICAL

Kentucky's CWSRF Program was established in Federal Fiscal Year (FFY) 1988. The Kentucky Infrastructure Authority (KIA) is the responsible agency for the CWSRF program in Kentucky. Daily program activities are administered by KIA and the Division of Water (DOW) via a Memorandum of Agreement. KIA oversees \$1,016,613,536 in CWSRF first use funds (Exhibit 3) which are comprised of capitalization grant \$553,271,970, state match \$105,288,573, program administration \$23,052,993 and leverage bond proceeds \$335,000,000.

On April 4, 1989 Kentucky certified compliance with the "first use" requirement of the Clean Water Act. Prior to SFY 2009 all projects funded were Section 212 projects. During SFY 2009 and SFY 2010 Kentucky funded three nonpoint source Section 319 projects and continues to pursue expanded use activities with local officials and other agencies.

SFY 2018 OVERVIEW

Exhibit 1 shows that during 2018 the Commonwealth of Kentucky made twelve new binding commitments and two commitment increases for a total of \$69,084,169 to provide financial assistance for construction or improvement of wastewater treatment infrastructure, planning and design, and for storm water projects. The average interest rate on funds committed during the year was 1.47%.

During 2018, four loans totaling \$15,734,257 were approved that were subsidized with principal forgiveness of \$4,150,000 (Exhibit 4). One loan in the amount of \$2,000,000 containing green infrastructure components was approved during 2018 with the total project cost qualifying for green energy efficiency (Exhibit 5).

Exhibit 6 lists total disbursements of \$90,415,944 from the SRF to reimburse borrowers for eligible expenditures and to fund program administration expenditures. The anticipated impact of committed projects on water quality and public health can be retrieved from the CWSRF Benefits Reporting (CBR) system database.

III. GOALS AND ACCOMPLISHMENTS

A. Short-term Goals and Accomplishments

The 2018 IUP describes seven short-term goals to be achieved by the SRF. The State continues to make significant progress toward successful completion of these goals:

1. Enhance loan closing procedures and refine repayment terms.

Kentucky is reorganizing internal job duties to focus on loan compliance, loan closing procedures, and refining repayment terms. Language in the assistance agreements has been revised to document compliance expectations. Estimated amortization schedules will be provided at the time of assistance agreements are initiated based on estimated repayment dates.

Table 1 reflects ten years of loan activity since 2009. Years 2009 and 2010 include total commitments of \$47,882,976 for forty-three projects that were funded with American Recovery and Reinvestment Act of 2009 (ARRA) funds.

Repayment dollars stay consistent reflecting steady loan growth and subsequent project completions.

Table 1			
Historical Loan Activity			
Year	# of Loans	Commitment Dollars	Borrower Repayments
2009	19	99,102,100	27,413,279
2010	51	128,508,367	28,999,468
2011	22	123,912,253	34,536,868
2012	32	101,331,297	33,121,545
2013	12	79,757,523	37,774,490
2014	5	42,443,919	43,540,304
2015	30	127,684,713	42,122,833
2016	30	47,847,321	49,902,730
2017	25	70,634,389	79,103,081
2018	14	69,084,169	68,037,009

2. Promote the principles of EPA's Sustainable Infrastructure (SI) Initiative to loan recipients so CWSRF borrowers will consider SI Initiatives in their planning, design, and construction activities.

As a way to promote the SI Initiatives to all communities, an SI brochure is distributed with the Call for Projects. The SI brochure is also available on the KIA and DOW websites. It explains the four pillars and examples of how projects planning can be modified to address more sustainable infrastructure and providing additional savings to utilities related to costs, future operation and maintenance expenses.

With the introduction of the Green Project Reserve requirement in the FFY 2010 Capitalization Grant, the integrated project priority ranking system was modified to incorporate Energy Efficiency, Water Efficiency, Sustainable/Green Infrastructure and asset management/full cost pricing to promote the principles of EPA's Sustainable Infrastructure Initiative. The projects that incorporated components of sustainable infrastructure received bonus points on the project priority ranking. Sixty-five of the one hundred twenty four projects submitted during the Call for Projects received points for green components. Six projects received points for incorporating two or more green components, while fifty-nine projects incorporated one green component. The primary green category was for energy efficiency for which sixty five of the one hundred twenty four (52%) projects were awarded points.

3. Expand the use of the fund by soliciting nonpoint source projects to address some of the state's high-priority water quality problems, such as nutrient impairments caused by agricultural runoff.

No nonpoint source projects were submitted during the 2019 Call for Projects. The Division of Water continues to solicit nonpoint source (NPS) projects, working closely with the NPS Section staff. A multiple funding approach to correcting water quality issues from failing septic systems, utilizing SRF and 319 grant funds, has been proposed.

4. Improve SRF training to borrowers, project administrators, Area Development Districts, and the engineering community.

During the 2018 SFY, the DOW and KIA continuously met with Area Development District (ADD) planners, Water Management Councils, and water system officials to provide guidance on how to apply for an SRF loan through the WRIS. The primary emphasis during training this year has been continuous planning and preparation for the entire loan process. A KIA Borrower and Administrator Training was held on November 16 - November 17, 2017 to provide participants from Area Development Districts and the engineering community with advanced training on the life cycle of KIA loans from Call for Projects and Intended Use Plan to repayments. The two-day training was very well received by over 100 participants who responded with positive feedback and comments.

Compliance related training and information has been provided through introductory meetings with each SRF borrower as well as reiterated during the preconstruction meetings held at the time the construction contracts are executed. A “Best Practices” document for Davis Bacon compliance and reporting has been distributed to borrowers throughout the loan process.

5. Identify distressed borrowers through compliance monitoring and provide targeted financial and managerial guidance.

Division of Water has incorporated a ranking criteria to identify borrowers that own and operate non-complaint package treatment plants. Projects that eliminate a 25 year or more old and failing package treatment plants receive priority points. Of one hundred twenty four projects submitted eight projects were awarded points for this criteria and six of them have been invited for funding.

Loan assistance efforts include KIA borrower visits by the Kentucky Rural Water staff, which was funded by an Appalachian Regional Commission grant. The inspections include targeted financial assistance for borrowers that have undergone changes in their management, Board or other decision makers. Services include rate studies, property inspections, training and technical assistance.

6. Develop a focused marketing strategy in conjunction with EEC to target systems with compliance and energy efficiency needs.

Kentucky provided SRF training to not only highlight compliance but to also market programmatic changes, including targeting systems with compliance and energy needs. Interagency meetings with Division of Water, Division of Enforcement and Public Service Commission are held regularly to prioritize distressed borrowers.

7. Work toward the use of electronic forms and data as opposed to paper documents, where possible.

The SRF Call for Projects, project ranking and project tracking have been integrated into the Water Resource Information System (WRIS). The projects are submitted through WRIS and ranked in the portal. DOW and KIA staff have access to the data collected in the WRIS and are working together toward making the portal user-friendly for the staff to access all documents.

KIA has worked for several funding cycles to develop an electronic application process for borrowers. Application information will be pulled automatically from WRIS Project Profile to populate an electronic application after the borrower has worked with the Area Development District to update it. From there the borrower will download the PDF application and reach an attachment page with clickable links to additional documents required for the application. The borrower will then submit the entire electronic application package to KIA via email. The paperless application reduces paper usage, improve timeliness of submittal, and ease the burden of excessive paperwork during the process. KIA had fully implemented the electronic application process in the 2018 funding cycle.

B. Long Term Goals and Accomplishments

The IUP describes four long-term goals:

1. Work with the EEC to explore solutions to increase energy efficiency for clean water utilities and future non-compliance issues under the CWA.

In 2015, the Division of Water assembled a team of state and federal agencies to conduct nutrient and energy efficiency management audits for Kentucky wastewater facilities. This team was created in response to an EPA grant initiative to help facilities reduce their costs and improve environmental performance through improving their energy efficiency. The purpose of the wastewater optimization program was to provide free nutrient and energy audits that concluded with reports on ways the facility could optimize their performance and reduce costs. Starting in 2016 and again in 2017 and 2018, three facilities participated each year in the program. Analysis reports from the audits were provided to each facility with recommendations on ways to optimize their nutrient treatment and energy use. Facilities that chose to implement recommendations or portions of recommendations have all see a decrease in their energy demand costs, with some wastewater facilities seeing results with a cost savings of ~30% a month on their utility bills.

2. Streamline loan processes and improve communication and the sharing of data between KIA and DOW.

DOW and KIA provide administrative and technical assistance to borrowers by conducting an Introductory Meeting before work begins to instruct the borrowers on compliance with applicable rules (to both the borrower and contractors) during the construction process, by reviewing each payment to ensure the invoices provided substantiate the amount requested, and by conducting an administrative file review before the final payment is made to ensure that all required elements of the process have been satisfied.

Electronic streamlining efforts have been improved for the call for projects, bypassing procedures, loan applications, change orders, and draw requests. The existing priority ranking system is evaluated annually to target the major environmental needs of the State with an emphasis on the applicant's readiness to proceed. The data collected in the WRIS is available as a tool in determining project rankings.

3. Create a utility portal within the Water Resources Information System (WRIS) to improve communication and reporting between the utility, KIA, and regulatory agencies.

Kentucky has created a utility portal within the Water Resources Information System. The portal will give utility personnel access to the WRIS to input current information on projects. The geographic information in the WRIS is being reviewed for quality assurance while the asset management tool will be evaluated for modifications to improve user-friendly measures. A WRIS workgroup has been formed to include stakeholders such as regulatory agencies, regulated utilities, technical assistance providers, KIA staff and other funding agencies.

4. Participate in planning for small wastewater package treatment plant elimination and regionalization.

House Joint Resolution 56 – Wastewater Action Plan: During the 2017 session, the General Assembly passed House Joint Resolution 56. The purpose of the resolution is to address risks to human health and the environment from the failure of small wastewater treatment plants. The resolution directs the Energy and Environment Cabinet to do four (4) things, as follows:

(a) Identify the privately owned and operated small wastewater treatment plants in Kentucky and collect the relevant information regarding the plant and collection system attributes; (b) Identify indicators that are useful and necessary in conducting an assessment of the risks of financial failure, technical failure, structural failure, or abandonment of privately owned and operated small wastewater treatment plants; (c) Identify potential emergency intervention methods to respond to plant failures in a collaborative manner between state and local entities; and (d) Identify legislative changes that may assist to mitigate the failure or abandonment of small wastewater treatment plants or to otherwise provide for continuity of service to the plants' customers.

A report was given to the legislature at the end of 2017. As a result of this, House Bill 513 was crafted and ultimately passed in the 2018 General Assembly. The new Statute directs the Cabinet to develop regulations regarding small wastewater treatment plants.

IV. DETAILS OF ACCOMPLISHMENTS

A. Fund Financial Status

1. Binding Commitments

As shown in Exhibit 1, the Commonwealth offered binding commitments to provide new financial assistance and increases to prior commitments totaling \$69,084,169.

2. Sources and Uses of Funds

Exhibit 3 shows the first use sources and uses of SRF funds during 2018. Cumulative sources increased by \$20,248,800 representing the FFY 2017 Capitalization Grant of \$16,874,000 and the State Match of \$3,374,800. Disbursements of capitalization grant and state match were \$22,378,935 for low cost loans for eligible projects and for SRF administrative costs. Repayment funds in the amount of \$68,037,009 were disbursed for eligible projects through 2018 (See Exhibit 6).

3. Disbursements and Guarantees

Exhibit 2 shows that the state made binding commitments that exceeded the required 120 percent of the quarterly grant payment within one year of the receipt of the payment. In 2018 binding commitments were 469% of 2018 grant payments.

Exhibit 6 shows total disbursements of \$90,415,944 listed by borrower and loan number segregated between capitalization grant and repayment funds. Program administration costs of \$714,642 were also reimbursed from capitalization grants.

Exhibit 7 presents the \$90,415,944 disbursements in summary form. Less than one percent of this amount, or \$714,642 was drawn down from the EPA for program administration costs. The State share of funds disbursed was \$3,374,000.

4. Financial Statements

Exhibits 8 and 9 present the 2018 unaudited Statement of Net Position and Statement of Revenues, Expenses, and Changes in Net Position for the Clean Water State Revolving Fund of the Kentucky Infrastructure Authority.

5. Revenue Bond Funding

Bonds with net proceeds of \$35,000,000 and a weighted average maturity of 10.529 years were issued in April 2018 at a true interest cost of 2.92%.

6. Credit Risk of the SRF

KIA follows the credit review process outlined in the Operating Agreement. Basic procedures include reviewing the bond rating of communities, examining the levels of current and long term debt, as well as validating that sufficient revenues are produced in order to repay the utilities' debt. Exhibit 10 shows the Accounts Receivable Aging. If a borrower experiences late payments, KIA will work with them to modify their utility rate structures or revise repayment schedules. To date, KIA has reported no defaults. Currently two loans have past due balances.

B. Assistance Activity

Exhibit 1 shows projects that the SRF has funded or will assist using capitalization grant, state match, revenue bonds and repayment money to provide financial assistance. The exhibit is separated into five sections:

- Part 1 Kentucky Certified "first use" Requirements 4/4/89 shows no projects;
- Part 2 Other Section 212 Publicly Owned Treatment Works lists 14 projects;
- Part 3 Nonpoint Source Management Program shows no projects;
- Part 4 National Estuary Projects shows no projects;
- Part 5 shows the program administration expenditures.

This exhibit shows the recipient name, loan number, enforceable requirements, and amount of assistance, binding commitment date, estimated construction start date, estimated initiation of operations date, type of assistance, interest rate and maturity for each loan.

Exhibit 2 shows a breakdown of binding commitments list in Exhibit 1 by quarter.

Exhibit 3 illustrates the source and allocation of first use funds through 2018. This exhibit also breaks down fund disbursement by federal, state and administrative disbursements (excluding repayment dollars).

Exhibit 4 lists all projects that were approved during 2018 that were eligible for an additional subsidy. Four new loans totaling \$15,734,257 were approved that were subsidized with principal forgiveness of \$4,150,000. The 2017 Grant required a subsidy of at least \$1,687,400 (10%) but not to exceed \$5,062,200 (30%). Approval of one SFY 2017 project eligible for principal forgiveness was

delayed until SFY 2018 and was included in the current total principal forgiveness amount.

Exhibit 5 lists one project that was approved during 2018 reported against the 2017 Capitalization Grant for green infrastructure components. The total amount of the loan was \$2,000,000 and the total amount qualifying for green project was \$2,000,000. The FFY 2017 Capitalization Grant required green components equal to 10%, or \$1,687,400 of the cap grant amount.

C. Provisions of the Operating Agreement/Conditions of the Grant

The Commonwealth of Kentucky agreed to abide by conditions in the Operating Agreement and in each grant agreement. All conditions have been met. Some of the primary conditions are described below:

1. State Matching Funds

The Commonwealth of Kentucky deposited into the SRF account an amount that equals at least 20% of the grant payment (Exhibit 3 displays the State Match payment). This is similar to the EPA/ACH in that funds are not deposited until the revenue bonds are sold and Federal funds are actually deposited.

2. Binding Commitments within One Year

The Commonwealth of Kentucky entered into binding commitments to provide assistance from the SRF in amounts at least equal to 120% of grant payments within one year after receipt of each payment (Exhibit 2).

3. Expeditious and Timely Expenditure

The Commonwealth of Kentucky disbursed all cash draws and other available SRF funds in a timely and expeditious manner. Exhibit 1 "Projects Receiving SRF Financial Assistance for State Fiscal Year Ended June 30, 2018" demonstrates that projects have moved in a timely and expeditious manner to start construction. Kentucky is monitoring the projects to ensure timely initiation of operations in accordance with the established schedules.

4. First Use of Funds for Enforceable Requirements

Kentucky certified first use requirements April 4, 1989.

5. Eligible Activities of the State Revolving Fund

Projects identified in the annual IUP to be funded are included in Section V of this report.

6. Compliance with Title VI Requirements

As a part of Kentucky's SRF streamlining efforts, some Title II requirements that are no longer required under Title VI are being phased out or revised to be less stringent. During 2009, KIA worked with EPA on a revision to Kentucky's Operating Agreement. Title II and Title VI requirements have been addressed in the revised agreement.

7. Disadvantaged Business Enterprises (DBE) and Minority Business Enterprise/Women's Business Enterprise (MBE/WBE) Requirement:

Kentucky negotiated with EPA Region IV an overall fair share objective of 8% for MBE/WBE participation on activities financed by the SRF. All borrowers are required to follow the six affirmative steps. During 2018, \$93,875,789 in construction draw requests was reimbursed to CWSRF participants of which \$3,147,176, or 3.35%, was reimbursed to WBE contractors. Disbursements in the amount of \$326,226 or 0.35% of construction draw requests were reimbursed to MBE contractors.

8. Other Federal Laws and Authorities

Kentucky and all recipients of SRF funds directly made available by the capitalization grant have complied with applicable federal laws and authorities.

9. Facilities Plan and Environmental Review Process

During 2018, the Commonwealth of Kentucky conducted environmental reviews on eighteen funded Section 212 and Section 319 projects (some loans contained more than one project) in accordance with the State Environmental Review Process (SERP).

10. Quarterly Disbursement Schedule/Commitment

Exhibit 7 shows how actual disbursements relate to Federal cash draws. The disbursement schedule provides the basis for EPA outlay commitments.

V. PROGRAM CHANGES

A. Comparison with the Intended Use Plan

Exhibit 11 reflects the status of projects that were included in the 2018 IUP that were invited to apply for assistance. Of the 94 projects on the priority list, 31 including one 2017 IUP project and two multiple-funding projects were invited to apply. Borrower willingness to participate in the SRF program during 2018 was affected by general state of the economy, principal forgiveness, and resistance to raise rates to service additional debt.

B. Modifications of Goals and Objectives

Both short and long-term goals in the 2018 IUP were revised and improved upon considerably from prior year IUPs.

VI. PROPOSED IMPROVEMENTS

A. MHI Determination Guidance

KIA has developed the MHI Determination Guidance for CWSRF and DWSRF loan projects. MHI is used to determine the interest rate, principal forgiveness eligibility, and extended loan term eligibility for the CWSRF and DWSRF programs. The guidance document identifies and describes three accepted methodologies applicants can use to determine the MHI for a project area or for the entire system area. The methodologies include:

- 1) Default Weighted Proximity Analysis (DWPA);
- 2) Modified Weighted Proximity Analysis (MWPA); and
- 3) Census or Sample Income Survey (IS).

The DWPA and MWPA are GIS based methodologies that use system mapping (waterlines, sewer lines, or meter points) to calculate the MHI based on 5-year American Community Survey census tract MHI estimates. The IS is modeled after Kentucky's Community Development Block Group program guidance. The DWPA is calculated for all projects in the WRIS Portal and is considered the primary MHI determination methodology; however, if the DWPA is insufficient, applicants may collaborate with KIA staff to select the MWPA or IS as an alternative.

To maintain the integrity of MHI determinations, the MHI Determination Guidance includes the hierarchy of the methodologies and the required conditions to proceed with each method. Additional forms and informational materials have been developed to ensure that the methodologies are applied consistently. Most notably, KIA has collaborated with other federal funding sources (Kentucky's Community Development Block Grant and USDA's Rural Development program) to develop a single multi-agency income survey form to streamline income surveys for projects with multiple funding sources. The form has been translated into Spanish.

B. WRIS Work Group

The Water Resource Information Systems (WRIS) has been used to identify and develop water and sewer projects in the state of Kentucky since 2000. The three major components of the WRIS are System Data, Project Profiles, and GID mapping. The WRIS supports local, regional, and state planning and prioritization for water and sewer infrastructure development.

The WRIS Work Group was formed in 2018 to initiate the redesign of the WRIS Portal to support more planning and project development functionality in the WRIS Portal. The primary goals of the WRIS Work Group is to identify the strategies that will improve the integrity of the data in the WRIS, improve the functionality of the WRIS Portal for local, regional, and state users, and improve collaboration between water and sewer stakeholders across the state.

C. Short and Long-term Goals for Future IUP

Both short and long-term goals in the 2019 IUP were consistent with the current year IUPs.

EXHIBIT 1
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
PROJECTS RECEIVING SRF FINANCIAL ASSISTANCE
FISCAL YEAR ENDED JUNE 30, 2018

RECIPIENT NAME	LOAN NUMBER	ENFORCEMENT REQUIREMENTS	AMOUNT OF ASSISTANCE	BINDING COMMITMENT DATE(S)	ESTIMATED CONSTRUCTION START DATE	INITIATION OF OPERATION DATE	TYPE OF ASSISTANCE	INTEREST RATE	LOAN MATURE
PART 1: Kentucky Certified first use: Requirements 4/4/89 None									
PART 2: Other Section 212 Publicly Owned Treatment Works									
Regional Water Resource Agency	A15-002	S	\$ 725,000.00	3/1/2018	11/30/2017	7/31/2019	L(1)	1.75%	*
LFUCG (Phase I of the West Hickman WWTP Project)	A15-026	F	31,944,188.00	4/9/2018	8/1/2016	12/1/2018	L(1)	1.75%	*
**Augusta Regional Sewer Authority (New WWTP Project)	A17-001	C	5,697,000.00	10/5/2017	11/1/2018	11/1/2020	L	0.25%	*
Marion, City	A18-003	S	4,801,590.00	6/12/2018	8/1/2018	4/30/2021	L	0.50%	*
Regional Water Resource Agency	A18-005	C	4,180,262.00	7/10/2018	8/1/2018	8/1/2020	L	1.75%	*
Regional Water Resource Agency	A18-007	C	2,047,000.00	6/12/2018	7/7/2018	11/1/2019	L	1.75%	*
Oldham Co Environmental Authority (I/I Program)	A18-010	S	2,000,000.00	4/9/2018	7/1/2018	6/30/2019	L	1.75%	*
Marshall Co Fiscal Court	A18-014	C	3,066,988.00	2/1/2018	4/1/2018	9/30/2018	L	1.75%	*
Elkton, City	A18-015	C	500,000.00	2/1/2018	2/1/2018	2/1/2020	L(2)	2.75%	*
LaGrange, City	A18-016	S	3,121,200.00	4/9/2018	9/1/2018	8/1/2019	L	1.75%	*
Paducah-McCracken JSA	A18-022	C	625,000.00	5/8/2018	11/15/2018	6/1/2019	L	1.75%	*
Regional Water Resource Agency	A18-026	C	5,619,274.00	12/6/2017	1/27/2018	3/26/2019	L	1.75%	*
Pineville, City	A18-027	F	146,000.00	4/9/2018	4/1/2018	4/1/2019	L(2)	2.75%	*
Paducah, City	A18-028	C	4,610,667.00	4/9/2018	4/16/2018	12/31/2019	L	0.50%	*
Subtotal: Section 212 Base Loans	14		\$ 69,084,169					Weighted Avg: 1.47%	
** FY17 IUP project funded in FY18 due to time constraints.									
PART 3: Nonpoint Source Management Program (Section 319) None									
TOTAL SECTION 319 LOANS	0		\$ -					0.0%	
GRAND TOTAL			\$ 69,084,169						
PART 4: National Estuary Projects - (Section 320) None									
PART 5: PROGRAM ADMINISTRATION			\$ 714,642						
<u>Type of Assistance</u>			<u>Enforcement Requirements</u>			<u>Loan Mature</u>			
L = Loan			C = In Compliance			* = Final Loan Closing has not occurred			
(1) = Increase / (Decrease)			CO = Court Order						
(2) = Planning and Design			U = Unsewered						
			SA = State Administrative Order (Municipal Wastewater Pollution Pr						
			F = Federal Administrative Order						
			S = State Court Order						

EXHIBIT 2
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
BINDING COMMITMENTS BY QUARTER
FISCAL YEAR ENDED JUNE 30, 2018

RECIPIENT NAME	LOAN NUMBER	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL	TYPE OF ASSISTANCE
PART 1: Kentucky Certified "first use: Requirements 4/4/89		None					
PART 2: Other Section 212 Projects							
Regional Water Resource Agency	A15-002	\$ -	\$ -	\$ 725,000	\$ -	\$ 725,000	L(1)
LFUCG (Phase I of the West Hickman WWTP Project)	A15-026	\$ -	\$ -	\$ -	\$ 31,944,188	\$ 31,944,188	L(1)
**Augusta Regional Sewer Authority (New WWTP Project)	A17-001	\$ -	\$ 5,697,000	\$ -	\$ -	\$ 5,697,000	L
Marion, City	A18-003	\$ -	\$ -	\$ -	\$ 4,801,590	\$ 4,801,590	L
Regional Water Resource Agency	A18-005	\$ -	\$ -	\$ -	\$ 4,180,262	\$ 4,180,262	L
Regional Water Resource Agency	A18-007	\$ -	\$ -	\$ -	\$ 2,047,000	\$ 2,047,000	L
Oldham Co Environmental Authority (I/I Program)	A18-010	\$ -	\$ -	\$ -	\$ 2,000,000	\$ 2,000,000	L
Marshall Co Fiscal Court	A18-014	\$ -	\$ -	\$ 3,066,988	\$ -	\$ 3,066,988	L
Elkton, City	A18-015	\$ -	\$ -	\$ 500,000	\$ -	\$ 500,000	L(2)
LaGrange, City	A18-016	\$ -	\$ -	\$ -	\$ 3,121,200	\$ 3,121,200	L
Paducah-McCracken JSA	A18-022	\$ -	\$ -	\$ -	\$ 625,000	\$ 625,000	L
Regional Water Resource Agency	A18-026	\$ -	\$ 5,619,274	\$ -	\$ -	\$ 5,619,274	L
Pineville, City	A18-027	\$ -	\$ -	\$ -	\$ 146,000	\$ 146,000	L(2)
Paducah, City	A18-028	\$ -	\$ -	\$ -	\$ 4,610,667	\$ 4,610,667	L
TOTAL SECTION 212 LOANS		\$ -	\$ 11,316,274	\$ 4,291,988	\$ 53,475,907	\$ 69,084,169	

* FY17 IUP project funded in FY18 due to time constraints.

EXHIBIT 2
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
BINDING COMMITMENTS BY QUARTER
FISCAL YEAR ENDED JUNE 30, 2018

RECIPIENT NAME	LOAN NUMBER	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL	TYPE OF ASSISTANCE
Part 3: Nonpoint Source Projects (Section 319)		None					
Subtotal: Section 319 Base Loans		\$ -	\$ -	\$ -	\$ -	\$ -	
Subtotal: Section 319 ARRA Loans		\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL SECTION 319 LOANS		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	
PROJECT GRAND TOTALS							
Base Loans		\$ -	\$ 11,316,274	\$ 4,291,988	\$ 53,475,907	\$ 69,084,169	
ARRA Loans		\$ -	\$ -	\$ -	\$ -	\$ -	
GRAND TOTAL		<u>\$ -</u>	<u>\$ 11,316,274</u>	<u>\$ 4,291,988</u>	<u>\$ 53,475,907</u>	<u>\$ 69,084,169</u>	
PART 4: National Estuary Projects - (Section 320)		None					
Part 5: PROGRAM ADMINISTRATION		\$ 241,219	\$ -	\$ 200,009	\$ 273,413	\$ 714,642	
NET TOTALS		\$ 241,219	\$ 11,316,274	\$ 4,491,997	\$ 53,749,320	\$ 69,798,811	
CUMULATIVE TOTALS		\$ 241,219	\$ 11,557,493	\$ 16,049,490	\$ 69,798,811		
FEDERAL PAYMENTS - 2017		\$ 151,103	\$ 7,681,840	\$ 6,835,231	\$ 204,801	\$ 14,872,974	
CUMULATIVE FEDERAL PAYMENTS		\$ 151,103	\$ 7,832,942	\$ 14,668,173	\$ 14,872,974		
BINDING COMMITMENT % OF PAYMENTS		160%	148%	109%	469%		

Type of Assistance

- L = Loan
- (1) = Increase / (Decrease)
- (2) = Planning and Design

EXHIBIT 3
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
SOURCE AND ALLOCATION OF SRF FUNDS
FISCAL YEAR ENDED JUNE 30, 2018

CUMULATIVE SOURCES		FY 2018 DISBURSEMENTS				
	TOTAL	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
Capitalization Grants	\$ 553,271,970	\$ -	\$ -	\$ 6,795,995	\$ 11,493,499	\$ 18,289,494
State Matching Funds (1)	105,288,573	0	0	3,374,800	0	3,374,800
Revenue Bond Proceeds (Net of Issue Costs)	335,000,000	0	0	0	0	0
Program Administration (2)	23,052,993	241,219	0	200,009	273,413	714,642
TOTALS	<u>\$1,016,613,536</u>	<u>\$ 241,219</u>	<u>\$ -</u>	<u>\$ 10,370,804</u>	<u>\$ 11,766,912</u>	<u>\$ 22,378,935</u>

(1) Includes Construction and Admin State Match

(2) Federal Share Only

**EXHIBIT 4
 KENTUCKY INFRASTRUCTURE AUTHORITY
 FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
 LOAN COMMITMENTS WITH PRINCIPAL FORGIVENESS SUBSIDY
 FISCAL YEAR ENDED JUNE 30, 2018**

RECIPIENT NAME	LOAN NUMBER	PROJECT NAME	AMOUNT OF ASSISTANCE	PRINCIPAL FORGIVENESS	INTEREST RATE	MHI	MHI AS % OF STATE	POPULATION
*August Regional Sewer Authority	A17-001	August Regional Sewer Project	\$ 5,697,000	\$ 1,300,000	0.25%	\$ 24,620	56.3%	1,707
Marion, City	A18-003	New Wastewater Treatment Plant Project	4,801,590	1,300,000	0.50%	29,853	68.3%	9,211
Paducah-McCracken JSA	A18-022	Waid Package Plant Removal Project	625,000	250,000	1.75%	40,463	92.5%	65,292
Pineville, City	A18-028	Paducah Pump Station #2 (6th Street) Rehabilitation Project	4,610,667	1,300,000	0.50%	33,608	76.8%	25,024

* FY17 IUP project funded in FY18 due to time constraints

TOTALS

4

\$ 15,734,257 \$ 4,150,000

All subsidies were provided in the form of loan forgiveness. With the exception of package plant removal projects, a borrower's entire service area must have a median household income (MHI) less than \$34,992 to be eligible for principal forgiveness under the 2018 Intended Use Plan. See "Additional Subsidization" in the IUP commentary for a detailed discussion of principal forgiveness for 2018.

EXHIBIT 5
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
LOAN COMMITMENTS WITH GREEN PROJECT RESERVE
FISCAL YEAR ENDED JUNE 30, 2018

RECIPIENT NAME	LOAN NUMBER	PROJECT NAME DESCRIPTION	CATEGORICAL (C) OR BUSINESS CASE (B)	AMOUNT OF ASSISTANCE	TOTAL GREEN	GREEN INFRASTR.	ENERGY EFFICIENCY	WATER EFFICIENCY	ENVIRONM. INNOVATIVE	POPULATION
Oldham Co Environmental	A18-010	I/I Program	C	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000				19,684
TOTALS	<u>1</u>			<u>\$ 2,000,000</u>	<u>\$ 2,000,000</u>	<u>\$ 2,000,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	

EXHIBIT 6
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
TOTAL DISBURSEMENTS
FISCAL YEAR ENDED JUNE 30, 2018

PROJECT NAME	LOAN NUMBER	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
CAPITALIZATION GRANT FUNDS						
Barbourville, City of	A15-006			57,098		57,098
Benton, City of	A17-039				206,063	206,063
Catlettsburg, City of	A14-013			122,248		122,248
Corbin, City of	A15-035				157,663	157,663
Frankfort, City of	A15-032			516,449		516,449
Hawesville, City of	A16-059			105,752	119,827	225,580
Lexington Fayette Urb Co Gov	A13-015			251,611		251,611
Lexington Fayette Urb Co Gov	A14-001			547,367		547,367
Lexington Fayette Urb Co Gov	A15-026			4,657,533	5,142,160	9,799,693
Lexington Fayette Urb Co Gov	A17-003			1,182,928		1,182,928
Liberty, City of	A15-019			809,941	223,121	1,033,062
Maysville, City of	A17-011				246,069	246,069
Morehead, City of	A16-065			135,210	119,098	254,308
Murray, City of	A12-12			971,618	918,513	1,890,131
Paducah-McCracken Co Joint Sew Agncy	A16-072			1,678,017		1,678,017
Prestonsburg, City of	A16-007			205,596	141,628	347,223
Regional Water Resource Agency	A13-017				25,000	25,000
Regional Water Resource Agency	A15-002			1,523,259		1,523,259
Regional Water Resource Agency	A15-027			338,010		338,010
Sanitation District #1	A11-13				648,883	648,883
Sanitation District #1	A11-14				613,631	613,631
PROJECT TOTAL		\$ -	\$ -	\$ 13,102,637	\$ 8,561,657	\$ 21,664,294
PROGRAM ADMINISTRATION		\$ 241,219	\$ -	\$ 200,009	\$ 273,413	\$ 714,642
FIRST USE TOTALS		\$ 241,219	\$ -	\$ 13,302,646	\$ 8,835,070	\$ 22,378,935
CUMULATIVE TOTALS		\$ 241,219	\$ 241,219	\$ 13,543,865	\$ 22,378,935	

EXHIBIT 6
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
TOTAL DISBURSEMENTS
FISCAL YEAR ENDED JUNE 30, 2018

PROJECT NAME	LOAN NUMBER	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
REPAYMENT FUNDS						
Augusta Regional Sewer Authority	A114-015		26,250		19,800	46,050
Barbourville, City of	A15-006	283,018	13,115			296,133
Benton, City of	A17-039	202,675	23,245	15,150	567,294	808,364
Butler, City of	A16-039	168,394	124,752	321,725	153,504	768,376
Catlettsburg, City of	A14-013	350,743	467,411	800,939	426,380	2,045,473
Corbin, City of	A15-035	1,745,337	803,252	411,609		2,960,199
Earlington, City of	A12-24	13,585	169,189			182,774
Elizabethtown, City of	A16-081	2,869,417				2,869,417
Farmdale Sanitation District	A16-084		9,775	48,981	24,510	83,266
Frankfort, City of	A14-006			266,646		266,646
Frankfort, City of	A15-032	607,204	216,892		10,000	834,096
Frankfort, City of	A15-098	668,549	186,721			855,270
Frankfort, City of	A15-101	777,309	517,691			1,295,000
Hardinsburg, City of	A15-033	196,296	303,881	212,073	14,173	726,423
Harrison County Sanitation District	A16-016	35,319	18,820	286,036	108,296	448,471
Harrodsburg, City of	A15-075		11,200		2,521	13,721
Harrodsburg, City of	A16-033	164,116	323,754	43,022	225,683	756,575
Hawesville, City of	A16-059			465,862	316,005	781,867
Hazard, City of	A15-096	27,830				27,830
Hodgenville, City of	A16-029	114,780	316,841	218,410		650,032
Hopkinsville, City of	A11-08	125,325	461,905	307,889	24,042	919,161
Hopkinsville, City of	A16-005	210,000	323,900	83,000		616,900
Jackson, City of	A17-015			46,098	209,422	255,520
Lexington Fayette Urb Co Gov	A13-015	800,582	620,940			1,421,522
Lexington Fayette Urb Co Gov	A14-001		994,412			994,412

EXHIBIT 6
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
TOTAL DISBURSEMENTS
FISCAL YEAR ENDED JUNE 30, 2018

PROJECT NAME	LOAN NUMBER	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
Lexington Fayette Urb Co Gov	A15-026	10,196,974	11,655,508			21,852,482
Lexington Fayette Urb Co Gov	A17-003				103,700	103,700
Liberty, City of	A15-019	910,098	953,396	161,386	380,956	2,405,837
Lincoln County Sanitation District	A13-020			25,000		25,000
Louisa, City of	A17-023	70,387	25,253	7,310	39,308	142,257
Maysville, City of	A09-13	46,524				46,524
Maysville, City of	A17-011			202,476	415,576	618,052
Mercer County Sanitation District	A16-004			166,714	361,206	527,921
Morehead, City of	A16-065	278,245	398,627	134,162	175,389	986,421
Morganfield, City of	A15-023	488,735	68,425	19,222		576,382
Mountain Water District	A15-077	535,950	547,681	104,058	879,769	2,067,457
Mountain Water District	A16-079		224,549	74,850		299,399
Murray, City of	A12-12	2,763,989	3,388,942	515,013	856,587	7,524,531
New Haven, City of	A16-076	59,286	62,538			121,824
Paducah-McCracken Co Joint Sew Agncy	A12-08		454,655			454,655
Pineville, City of	A11-051		21,104			21,104
Prestonsburg, City of	A16-003			121,741	77,729	199,471
Prestonsburg, City of	A16-007		160,370	470,748	396,572	1,027,689
Prestonsburg, City of	A16-028			129,432	108,533	237,965
Regional Water Resource Agency	A13-017			19,798		19,798
Regional Water Resource Agency	A13-028				63,408	63,408
Regional Water Resource Agency	A15-002				1,203,478	1,203,478
Regional Water Resource Agency	A15-027	75,755	90,605	28,968	226,120	421,448
Regional Water Resource Agency	A15-099		188,592	55,695	1,208,512	1,452,799
Regional Water Resource Agency	A16-026	6,283		31,091	73,692	111,067
Regional Water Resource Agency	A16-082		59,445	132,852		192,297
Regional Water Resource Agency	A18-026				358,788	358,788
Salyersville, City of	A16-077			30,374		30,374
Sanitation District #1	A11-13	70,218				70,218
Sanitation District #1	A11-14	493,445	180,498		135,467	809,409

EXHIBIT 6
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
TOTAL DISBURSEMENTS
FISCAL YEAR ENDED JUNE 30, 2018

PROJECT NAME	LOAN NUMBER	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
West Point, City of	A15-063		125,060			125,060
Williamsburg, City of	A17-031				1,767,610	1,767,610
Winchester, City of	A17-010	440,636	568,278	161,333	78,842	1,249,088
PROJECT TOTAL		\$ 25,797,003	\$ 25,107,470	\$ 6,119,663	\$ 11,012,873	\$ 68,037,009
GRAND TOTAL		\$ 26,038,221	\$ 25,107,470	\$ 19,422,310	\$ 19,847,943	\$ 90,415,944

EXHIBIT 7
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
PROPORTIONATE FEDERAL SHARE THROUGH CASH DRAWS
FISCAL YEAR ENDED JUNE 30, 2018

SELECT DISBURSEMENTS	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
FIRST ROUND	\$ -	\$ -	\$ 13,102,637	\$ 8,561,657	\$ 21,664,294
ADMINISTRATION	241,219	0	200,009	273,413	714,642
REPAYMENT	25,797,003	25,107,470	6,119,663	11,012,873	68,037,009
REVENUE BONDS	0	0	0	0	0
TOTAL SELECT DISBURSEMENTS	\$ 26,038,221	\$ 25,107,470	\$ 19,422,310	\$ 19,847,943	\$ 90,415,944
CUMULATIVE TOTAL	\$ 26,038,221	\$ 51,145,691	\$ 70,568,001	\$ 90,415,944	
CASH DRAW FROM LINE OF CREDIT	\$ 241,219	\$ -	\$ 6,996,004	\$ 11,766,912	\$ 19,004,135
STATE SHARE	\$ -	\$ -	\$ 3,374,800	\$ -	\$ 3,374,800
CASH DRAWS AS % OF DISBURSEMENTS	1%	0%	36%	59%	21%

EXHIBIT 8
KENTUCKY INFRASTRUCTURE AUTHORITY
BALANCE SHEET
JUNE 30, 2018
(UNAUDITED Statement of Net Position)

	Fund A
ASSETS	
Current assets:	
Cash and cash equivalents	\$ 2,187,007
Investments, current portion	183,219,447
Intergovernmental receivables	288,384
Accrued interest receivable, investments	129,619
Accrued interest receivable, assistance agreements	973,157
Current maturities of long-term receivables	43,828,000
Total current assets	230,625,614
Long-term receivables:	
Assistance agreements receivable:	
Principal	741,050,156
Total long-term receivables	741,050,156
Total assets	971,675,770
Deferred outflow of resources:	
Pension related	433,233
Post-employment benefits other than pension	81,251
Unamortized deferred amount on refunding	4,937,639
Total assets and deferred outflow of resources	\$ 977,127,893
LIABILITIES	
Current liabilities:	
Current maturities of revenue bonds payable, net of unamortized premiums and discounts	\$ 17,968,145
Accrued interest payable	3,070,016
State treasury advances for capitalization grant matching funds	288,384
Other payables	2,075
Total current liabilities	21,328,620
Long-term debt:	
Revenue bonds payable, less current maturities and unamortized premiums and discounts	182,146,224
Net pension liability	2,199,922
Post-employment benefits other than pension	417,882
Other payables	0
Total liabilities	206,092,648
Deferred inflow of resources:	
Pension related	529,858
Post-employment benefits other than pension	8,993
Total liabilities and deferred inflow of resources	\$ 206,631,499
NET POSITION	
Net investment in capital assets	\$ -
Restricted net position	770,496,394
Total net assets	\$ 770,496,394

EXHIBIT 9
KENTUCKY INFRASTRUCTURE AUTHORITY
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN RETAINED EARNINGS
FISCAL YEAR ENDED JUNE 30, 2018
(UNAUDITED Statement of Revenues, Expenses and Changes in Net Position)

	Fund A
Operating revenues:	
Assistance agreements:	
Servicing fee	\$ 1,484,684
Interest income	11,679,626
Total operating revenues	13,164,310
Operating expenses:	
General and administrative	717,393
Intergovernmental administrative expense reimbursement	714,642
Revenue bonds:	
Amortization of bond premiums	(2,794,607)
Interest	8,717,930
Gain on early extinguishment of bonds payable	(1,992,410)
Total operating expenses	5,362,948
Operating loss	7,801,362
Non-operating gain / (loss):	
Investment income	2,296,628
Bond issuance cost	(272,747)
Federal grants	19,004,135
Loan subsidy required by federal capitalization grants	(2,204,239)
Intergovernmental revenue from the Commonwealth	3,374,800
Total non-operating revenues	22,198,577
Change in net position	\$ 29,999,939
Net position, beginning of year (as previously stated)	740,827,159
Cumulative effect on prior years (to June 30, 2017) resulting from the retroactive change in accounting for postemployment benefits other than pensions (See Note 2)	(330,708)
Net position, beginning of year (as adjusted)	740,496,451
Net position, end of year	\$ 770,496,390

EXHIBIT 10
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER REVOLVING LOAN PROGRAM
REPORT OF ANNUAL LOAN REPAYMENTS
FISCAL YEAR ENDED JUNE 30, 2018

Number of Days Past Due

Loan Number	Borrower	Total	0 - 30	31 - 120	121 & over
A06-01	Ledbetter Water District	46,097	46,097	0	0
A12-28	Perry County Sanitation District #1	100,025	35,000	0	65,025
	TOTALS	<u>\$146,122</u>	<u>\$81,097</u>	<u>\$0</u>	<u>\$65,025</u>

EXHIBIT 11
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
PROJECT PRIORITY LIST STATUS REPORT
FISCAL YEAR ENDED JUNE 30, 2018

Rank	Applicant	Project Name	Action
*	Augusta Regional Sewer Authority	Augusta/Brooksville Regional Sewer Project	Accepted
**	Lexington-Fayette Urban County Government	West Hickman WWTP Wet Weather Storage Tanks - Phase 1	Accepted
**	Paducah McCracken County Joint Sewer Agency	Combined Sewer Storage Tank - Harrison Street Phase 1	Bypassed
1	Prestonsburg, City of	PCUC: Big Sandy Regional Waste Water Treatment Plant	Withdrawn
2	Louisa, City of	City of Louisa I & I Rehab Project	Declined
3	Marion, City of	City of Marion - New Wastewater Treatment Plant	Accepted
4	Hopkinsville Water Environment Authority	HWEA SRF Phase VIII - Expand Hammond-Wood WWTP & Interceptor	Bypassed
5	Regional Water Resource Agency	Ravines Sewer Upgrade	Accepted
6	Georgetown, City of	Georgetown/Scott County South Sewer Extension	Declined
7	Regional Water Resource Agency	Cedar Hills Subdivision Sewer Extension Project	Accepted
8	Lancaster, City of	Lancaster Sanitary Sewer Improvements Project	Declined
9	Augusta Regional Sewer Authority	Augusta/Brooksville Regional Sewer Project	Declined
10	Oldham County Environmental Authority	I/I Program	Accepted
11	Henderson County Fiscal Court	Finely Addition Sewer Extension	Declined
12	Farmdale Sanitation District	Farmdale SD - Phase I Collection System & 0.75 MGD WWTP	Declined
13	Richmond, City of	Richmond - TC15 Overflow Elimination Project	Declined
14	Marshall County Fiscal Court	Marshall County Sanitation District – Draffenville Sewer Expansion Phases 1-3	Accepted
15	Elkton, City of	Elkton - Wastewater System Rehabilitation and Improvements	Accepted
16	La Grange Utilities Commission	Pump Stations and Interceptor Sewer Upgrade	Accepted
17	Versailles, City of	Versailles Wastewater Treatment Plant Expansion	Bypassed
18	Brodhead, City of	City of Brodhead - WWTP Upgrade and Improvement	Bypassed
19	Kentucky Department of Parks	Taylorsville Lake State Park, Marina & Edgewater Resort Sewer Interconnect Project	Declined
20	Mercer County Sanitation District	M C S D - Gwinn Island Road Sanitary Sewer Extension	Declined
21	Pikeville, City of	City of Pikeville KY Wastewater Treatment Plant Upgrade	Withdrawn
22	Paducah McCracken County Joint Sewer Agency	Waid Package Plant Removal Project	Accepted

EXHIBIT 11
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
PROJECT PRIORITY LIST STATUS REPORT
FISCAL YEAR ENDED JUNE 30, 2018

Rank	Applicant	Project Name	Action
23	Greenup Wastewater District	Phase 2 Sewer Line Extension Project (Lloyd)	Bypassed
24	Frankfort, City of	Frankfort Sewer Department Capital Avenue River Interceptor	Bypassed
25	Hodgenville, City of	Hodgenville WWTP Upgrade & Wet Weather Storage	Declined
26	Regional Water Resource Agency	Hawes Treatment Plant and Ragu Pump Station Upgrades	Accepted
27	Pineville, City of	Virginia Avenue/Courthouse Square Utility Replacements & Revitalization	Accepted
28	Paducah, City of	Paducah Pump Station #2 (6th Street) Rehabilitation	Accepted
29	Dawson Springs City Water and Sewer	Sanitary Sewer System Rehabilitation and WWTP Improvements	Not Invited
30	Calhoun, City of	Revlett Drive Sewer Line Repair	Not Invited
31	Frankfort, City of	Frankfort Sewer Department Buffalo Alley Pump Station Replacemen	Not Invited
32	Frankfort, City of	Frankfort Sewer Department Mero Street Pump Station Replacement	Not Invited
33	Hopkinsville Water Environment Authority	HWEA Phase IX Sewer Rehabilitation Priority 3 & 3A	Not Invited
34	Morganfield, City of	Job Corps Sewer Rehabilitation and Replacement Project	Not Invited
35	Morganfield, City of	Morganfield Combined Sewer Separation Project Phase 3	Not Invited
36	Lexington-Fayette Urban County Government	West Hickman Subbasin WH-7 WWS Tank	Not Invited
37	Calhoun, City of	Calhoun Wastewater Plant Replacement Project	Not Invited
38	Frankfort, City of	Frankfort - Thornhill Sanitary Sewer Replacement	Not Invited
39	Oldham County Environmental Authority	OCEA Lift Station Rehab, Renovation, and Replacement	Not Invited
40	Jessamine-South Elkhorn Water District	Windhaven Drive Sewer Collection System	Not Invited
41	Sebree, City of	Sebree Sanitary Sewer Replacement	Not Invited
42	Burkesville, City of	Burkesville WWTP Improvements	Not Invited
43	Paducah McCracken County Joint Sewer Agency	Massac Creek Phase III	Not Invited
44	Garrard Co Sanitation District	Garrard Co SD - Paint Lick Sewer System - Phase 1	Not Invited
45	Berea, City of	BMU - Walnut Meadow Pump Station & South Middletown Trunk Sewer Improvements	Not Invited
46	Kuttawa, City of	City of Kuttawa - Lift Station & Force Main Replacement Projects	Not Invited
47	Paris, City of	City of Paris-Southern Hills Sanitary Sewer Collection Project	Not Invited

EXHIBIT 11
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
PROJECT PRIORITY LIST STATUS REPORT
FISCAL YEAR ENDED JUNE 30, 2018

Rank	Applicant	Project Name	Action
48	Hickman, City of	WWTP Improvement Phase II	Not Invited
49	Flatwoods, City of	City of Flatwoods I & I Study and Rehab Project	Not Invited
50	Prestonsburg, City of	Rehab Prestonsburg's Old Wastewater Treatment Plant	Not Invited
51	Russell, City of	City of Russell I & I Study and Sewer Rehab Project	Not Invited
52	Richmond, City of	Richmond - Silver Creek Outfall Sewer, Phase I	Not Invited
53	Frankfort, City of	Frankfort Sewer Department WWTP Headworks Replacement	Not Invited
54	Bourbon County Fiscal Court	Bourbon County Fiscal Court - Centerville Sewer Project	Not Invited
55	Stanford Water Commission	Stanford Sewer Rehabilitation - Phase I	Not Invited
56	Wolfe County Sanitation District	Hazel Green Wastewater Collection System	Not Invited
57	Paris, City of	City of Paris Rehab Sanitary Sewer Mains	Not Invited
58	Clay City, City of	Clay City - Phase II Sewer System Rehab	Not Invited
59	Lincoln County Fiscal Court	Lincoln County Fiscal Court - Rowland Sanitary Sewer Extension	Not Invited
60	Hardinsburg, City of	Hardinsburg Sewer System Rehabilitation Phase 2	Not Invited
61	Marshall County Sanitation District #2	MARSHALL COUNTY FISCAL COURT PHASE I SANITARY SEWER EVALUATION	Not Invited
62	Bourbon County Fiscal Court	BCFC - Bedford Acres Sanitary Sewer Project Phase 2	Not Invited
63	Lancaster, City of	Lancaster Wastewater Collection System Rehab Project	Not Invited
64	South Shore, City of	South Shore: Upgrade Forest Heights Collection Lines	Not Invited
65	Princeton Water & Wastewater Commission	Princeton Sewer Rehabilitation Phase II Basins 7 & 8	Not Invited
66	Paris, City of	City of Paris - Claysville Trunk Sewer Replacement Project, Phase II	Not Invited
67	Smithland, City of	Smithland Sewer Rehabilitation	Not Invited
68	Flemingsburg, City of	Flemingsburg Marys Avenue & Tinnerman Drive Sewer Line Replacement	Not Invited
69	Catlettsburg, City of	Pump Station Rehab Project	Not Invited
70	Eddyville, City of	Western Kentucky Correctional Complex Pump Station	Not Invited
71	South Shore, City of	South Shore: Upgrade McKell Lift Station	Not Invited
72	Stanford, City of	Stanford - US 27 South Sewer Expansion Project	Not Invited

EXHIBIT 11
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
PROJECT PRIORITY LIST STATUS REPORT
FISCAL YEAR ENDED JUNE 30, 2018

Rank	Applicant	Project Name	Action
73	Richmond, City of	Richmond - Motel 6 Lift Station Replacement	Not Invited
74	Uniontown, City of	Uniontown Lagoon Dredging	Not Invited
75	West Point, City of	West Point WWTP Renovation	Not Invited
76	Clarkson, City of	Clarkson Sewer System Improvements	Not Invited
77	Fredonia, City of	Fredonia - Lift Station Improvements	Not Invited
78	Mayfield Electric & Water Systems	Wildwood Subdivision Sewer Line Extension from HWY 121	Not Invited
79	Boyd County Sanitation District #4	SD4: Rehab Ray Drive Sewer Line	Not Invited
80	Frankfort, City of	Frankfort Sewer Department FSD Prevention Park Pump Station Replacement	Not Invited
81	Northern Madison Sanitation District	NMCSO - Madison Village Collection System Rehab	Not Invited
82	Salyersville, City of	Allen Drive Lift Station	Not Invited
83	Lancaster, City of	Lancaster Sewer Line Extension to Industrial Park	Not Invited
84	Danville, City of	Danville Major Sewer System Rehabilitation	Not Invited
85	Sacramento, City of	Sacramento Gravity Sewers - Phase II	Not Invited
86	Madisonville, City of	Madisonville - Hanson Relief Interceptor	Not Invited
87	Irvine, City of	Wall Street Sewer Extension - Irvine Municipal Utilities	Not Invited
88	Smithland, City of	Smithland Lagoon Rehabilitation Project	Not Invited
89	Midway, City of	Midway Brand Street Sewer Rehab Project	Not Invited
90	Mayfield Electric & Water Systems	Gravity Sewer Extension from the intersection of I69 and Hwy45	Not Invited
91	Mayfield Electric & Water Systems	Gravity line extension from Hwy 45 North	Not Invited