

CLEAN WATER STATE REVOLVING FUND
SRF ANNUAL REPORT
STATE FISCAL YEAR ENDED JUNE 30, 2021

Prepared by the Commonwealth of Kentucky
For EPA Region IV

September 30, 2021

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, 2021. This report describes how Kentucky met the goals as identified in the 2021 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 \$1,089,664,736 in CWSRF first use funds (Exhibit 3) which are comprised of capitalization grant \$611,712,930 state match \$117,463,773, leverage bond proceeds \$335,000,000, and program administration \$25,488,033.

On April 4, 1989 Kentucky certified compliance with the "first use" requirement of the Clean Water Act. During SFY 2021, KIA continued to pursue expanded use activities with local officials and other agencies. All projects funded in 2021 were Section 212 Publicly Owned Treatment Works.

SFY 2021 OVERVIEW

Exhibit 1 shows that during 2021 the Commonwealth of Kentucky made thirty-one new binding commitments including sixteen construction, eleven increases, and four planning & design projects for a total of \$109,760,983 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 1.02%.

During 2021, ten loans totaling \$15,206,720 were approved that were subsidized with principal forgiveness of \$6,462,860 (Exhibit 4). One loan in the amount of \$2,745,064 containing green infrastructure components was approved during 2021 with \$2,745,064 qualifying for Green Project Reserve (Exhibit 5).

Exhibit 6 lists total disbursements of \$65,986,518 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 2021 IUP describes six 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.

During the 2021 fiscal year, the major reorganization implemented in 2018 continued to affirm the roles and responsibilities of Regional Compliance Coordinators. Each Regional Compliance Coordinator is responsible for all loans within a defined geographic area of the state. This part of the reorganization shifted internal job duties to focus on loan compliance, loan closing procedures, and refining repayment terms. This structure also allows for a redundancy of loan processing to minimize interruptions when an employee leaves the KIA. A new Deputy Executive Director, Sandy Williams, was appointed to oversee KIA operations.

In addition to the reorganization of personnel, language in the assistance agreements has been revised to document compliance expectations. The principal forgiveness amount will be credited to the loan balance upon release of liens on all contracts and disbursement of the final draw request by KIA to the borrower. All interest and principal repayments are mandated through the Automatic Clearing House “ACH” transfers. Estimated amortization schedules provided at the time of assistance agreements are initiated based on estimated repayment dates.

Table 1 reflects ten years of loan activity since 2012.

Table 1			
Historical Loan Activity			
Year	# of Loans	Commitment Dollars	Amount From Borrower Repayments
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
2019	27	99,388,301	49,278,668

Table 1			
Historical Loan Activity			
Year	# of Loans	Commitment Dollars	Amount From Borrower Repayments
2020	29	44,311,376	16,773,014
2021	31	109,760,983	

- Promote the principles of United States Environmental Protection Agency (EPA)'s Sustainable Infrastructure (SI) Initiative to loan recipients through education and outreach so that SI practices are considered in planning, design, and construction.

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 project planning can be modified to address more sustainable infrastructure and provide 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. Forty-seven of the seventy-three projects submitted during the Call for Projects received points for green components. Four projects received points for incorporating two or more green components, while forty-three projects incorporated one green component. The primary green category was for energy efficiency for which forty-five of the seventy-three (62%) projects were awarded points which is consistent with last year.

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

During the 2021 SFY, KIA staff 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.

Additionally, KIA staff took advantage of numerous opportunities to speak to engineers, utilities, and other stakeholders throughout the state. Among the groups to which the presentations were made included the Kentucky Rural Water Association, the Kentucky Water Resources Symposium, the Utilities Management Institute, the Kentucky Drinking Water Infrastructure Legislative Taskforce, and the Kentucky Capital Projects and Bond Oversight Legislative Committee.

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. Dow participated in seven introductory meetings with KIA to new borrowers and borrowers that have not received SRF funds in several years. A “Best Practices” document for Davis Bacon compliance and reporting has been distributed to borrowers throughout the loan process.

We remain committed to implementing the automated GIS map synchronization method developed at KIA in 2019 and 2020. The WRIS will change the way the ADDs submit GIS mapping data from a bi-monthly check-in period to an automated synchronization process where mapping and components are updated in real-time through a button click. The new process will also feature a programmatic QA/QC tool that the ADDs will use to improve the quality of their data.

We had expected to have this new GIS synchronization process and associated hardware deployed in mid-2020 but the emergence of the COVID-19 pandemic resulted in delays. We are reevaluating our timelines again due to the newest COVID-19 Delta variant surge. Our best estimate is to have the new GIS synchronization process fully deployed by the end of 2022 calendar year.

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

Division of Water has incorporated 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 seventy-three projects, one project submitted was awarded points for this criteria and this project has been invited for funding and has accepted.

Loan assistance efforts include KIA borrower visits by the Kentucky Rural Water staff, which was funded through a grant from the Appalachian Regional Commission. 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.

The reorganization of the loan compliance personnel discussed under item 1 above also has helped identify distressed borrowers by having one Regional Compliance Coordinator responsible for all compliance on a given loan, rather than having different personnel responsible for compliance of different components.

5. Develop a focused marketing strategy in conjunction with Energy and Environment Cabinet (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.

6. 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 downloads the PDF application and reaches an attachment page with clickable links to additional documents required for the application. The borrower then submits the entire electronic application package to KIA via email. The paperless application reduces paper usage, improve timeliness of submittal, and eases the burden of excessive paperwork during the process. KIA fully implemented the electronic application process in the 2020 funding cycle. Going forward, this process will allow for a transition to electronic web submission rather than emailing pdf files.

7. Increase inspection pace and achieve at least two inspections per project; one at 50% completion and other at 100% completion.
8. Improve the pace of the program by identifying tasks to commit more available funds in the current fiscal year.

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 seen 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. Utilities are still in the process of implementing recommendations.

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. DOW participated in fourteen pre-construction meetings with KIA.

The implementation of the use of electronic communication to streamline efforts have 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. Implement a utility portal within the Water Resources Information System (WRIS) to improve communication and reporting between the utility, KIA, and regulatory agencies.

Kentucky is planning a utility portal within the Water Resources Information System. The portal will give utility personnel direct access to WRIS for entering current information on projects. Currently each utility must provide information to their respective ADD Water Management Coordinator. By allowing direct access to utility personnel the information in the WRIS Portal will be more accurate and current. The geographic information in the WRIS is continuously reviewed for quality assurance by KIA and ADD personnel while the asset management tool will be evaluated for modifications to improve user-friendly measures.

4. Analyze and implement recommendations from the Infrastructure Task Force.
5. Establish a relationship with other funding agencies to coordinate project funding with multiple sources.

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 \$109,760,983.

2. Sources and Uses of Funds

Exhibit 3 shows the first use sources and uses of SRF funds during 2021. Cumulative sources increased by \$24,270,000 representing the FFY 2020 Capitalization Grant of \$20,225,000 and the State Match of \$4,045,000. Disbursements of capitalization grant and state match were \$24,766,133 for low cost loans for eligible projects and for SRF administrative costs. Repayment funds in the amount of \$41,220,385 were disbursed for eligible projects through 2021 (See Exhibit 6).

3. Disbursements and Guarantees

Exhibit 2 shows that 2021 binding commitments were 555% of 2021 grant payments.

Exhibit 6 shows total disbursements of \$65,986,518 listed by borrower and loan number segregated between capitalization grant and repayment funds. Program administration costs of \$1,305,133 were also reimbursed from capitalization grants.

Exhibit 7 presents the \$65,986,518 disbursements in summary form. Approximately 2.0 percent of this amount, or \$1,305,133 was drawn down from the EPA for program administration costs. The State share of funds disbursed was \$4,045,000.

4. Financial Statements

The 2021 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 will be submitted separately upon KIA Board approval of the information, anticipated on November 4, 2021.

5. Revenue Bond Funding

No bonds were issued in 2021.

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 is the Accounts Receivable Aging list. 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 29

projects;

- Part 3 Nonpoint Source Management Program shows no projects;
- Part 4 National Estuary Projects shows no projects;
- Part 5 reports 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 if applicable.

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

Exhibit 3 illustrates the source and allocation of first use funds through 2021. This exhibit also breaks down fund disbursement quarterly by federal, state and administrative disbursements (excluding repayment dollars).

Exhibit 4 lists all projects that were approved during 2021 that were eligible for subsidies. Ten new loans totaling \$15,206,720 were approved that were subsidized with principal forgiveness of \$6,462,860. The 2020 Grant required a subsidy of at least \$2,022,500 (10%) not to exceed \$6,067,500 (30%).

Exhibit 5 lists one project that was approved during 2021 reported against the 2020 Capitalization Grant for green infrastructure components. The total amount of the loan was \$2,745,064 and the total amount qualifying for green project was \$2,745,064. The FFY 2020 Capitalization Grant required green components equal to 10%, or \$2,022,500 of the cap grant amount.

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

The Commonwealth of Kentucky entered into the Operating Agreement and annual grant agreement with the US Environmental Protection Agency. All specific conditions required by both agreements have been met.

1. State Matching Funds

The Commonwealth of Kentucky appropriated sufficient funds to meet the 20% State Match requirement. State Match funds were disbursed to borrowers prior to disbursement of capitalization grant funds (Exhibit 3 displays the State Match payment).

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, 2021" 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 Exhibit 11 of this report.

6. Compliance with Title VI Requirements

As a part of Kentucky's SRF streamlining efforts, during 2018, KIA worked with EPA on a revision to Kentucky's Operating Agreement. Title VI requirements (authorized in the 1987 Water Quality Act for loans and grants to local governments) had been addressed in the revised agreement.

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

Kentucky negotiated with EPA an overall fair share proportion of the capitalization grant targeted for Women and Minority Business (MBE/WBE) or Disadvantaged Business Enterprises (DBE) as applicable. The State has developed procedures to ensure that loan recipients and prime contractors follow the six affirmative action steps to identify and utilize MBE/WBE or DBE firms. During 2020, \$64,748,907 in construction draw requests was reimbursed to CWSRF participants of which \$2,755,591, or 4.26%, was reimbursed to WBE contractors. Disbursements in the amount of \$3,182,980 or 4.92% of construction draw requests were reimbursed to MBE contractors. Kentucky is continuing to educate borrowers on the goal of an overall fair share proportion of the capitalization grant for MBE/WBE or DBE firms.

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. The Regional Compliance Coordinators assist in monitoring for

compliance.

9. Facilities Plan and Environmental Review Process

During 2021, the Commonwealth of Kentucky conducted environmental reviews on nineteen 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 3 reflects the status of projects that were included in the 2021 IUP that were invited to apply for assistance. Of the 69 projects on the priority list, 52 projects, including 2 projects qualified for multi-year funding and 6 projects with previously approved planning and design loans, were invited to apply. Twenty-seven borrowers accepted and 25 bypassed, withdrew, or declined the invitations. Borrower willingness to participate in the SRF program during 2021 was affected by the general state of the economy, principal forgiveness, and resistance to raise rates to service additional debt. Due to constraints from the COVID-19 pandemic, KIA has made an exception to carry forward 2 invitations into the 2022 IUP.

B. Modifications of Goals and Objectives

Both short and long-term goals in the 2021 IUP were reviewed periodically to confirm they were still aligned with the SRF goals.

VI. PROPOSED AND ONGOING IMPROVEMENTS

A. Median Household Income Determination Guidance

KIA has developed the Median Household Income (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 pointes) 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.

A 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 are 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. During 2020, the Work Group did not meet but the KIA is still implementing recommendations from the Work Group.

C. KIA and ACEC-KY Partnership

In Kentucky we are fortunate to have a wide open line of communication between technical professionals and State agencies. A perfect example of the professional relationships that exists is the relationship between the Kentucky Infrastructure Authority and the Kentucky Chapter of the American

Society of Consulting Engineers.

Throughout the reporting period, these two entities have strategically met every other month with the express purpose of helping each other meet their goals and fulfill their responsibilities. The typical agenda for each meeting includes discussions of: current regulatory issues, current legislative issues, specific funding sources, potential funding sources, identification of functional problems with the system, identification of opportunities to improve application and use of funds, opportunities to improve the functionality and scheduled use of funds.

This open forum has allowed for clear and candid discussion of current relevant issues that both entities are facing along with a chance for both sides of the issues to be put on the table and addressed. The leadership and staff at the KIA are working to build professional relationships with the engineering community in order to facilitate the functionality and purpose of the KIA. Some of the highlights from this past reporting period are included below.

- Discussion of design/build and the viability of projects of this nature using KIA dollars
- Public private partnership (PPP) funding
- Update ACEC and KIA staff on staffing changes for both entities
- Project profile and ranking updates and assistance
- Update ACEC on new digital interface at the KIA
- Discussion of principal forgiveness
- Compliance assistance

COVID 19 will have lasting impacts on how our Country operates and how people interact. This partnership was forced to miss one of its regularly scheduled meetings due to COVID. The partnership did switch to a virtual format without problems and has since met regularly and successfully. The two entities were able to share experiences related to COVID which helps everyone understand that we are all fighting the same battles.

Moving into the 2021 – 2022 year, the KIA leadership is solidly in place. The ACEC Executive Director is new, Russ Romine has reassumed leadership of the organization, and Chris Stewart will be heading up the ACEC/KIA coordination for ACEC.

D. KIA WRIS Funding Dashboards

The WRIS Funding Dashboards were created as a proof of concept for using GIS technology to help present information that illustrates Kentucky's water and wastewater infrastructure funding needs over the next 20 years. Three dashboards have been created as prototypes that will help pave the way for more engaging ways to interpret, interact, and analyze data with WRIS. These

funding dashboards aggregate and display the WRIS information. The dashboards present information in a comprehensive and transparent manner using existing data sets relative to drinking water and wastewater utilities in KY.

Each innovative dashboard is linked directly to Project Profiles in the WRIS portal. When the data is revised the components are updated in real-time allowing users to view projects based on current information via three separate mediums. The function of each version is detailed below:

- By Region – This dashboard allows the user to filter down by Area Development District, County, Applicant, and/or Project Number. With each descending filter, all components of the dashboard update. Also included is a list of projects with basic details such as title, cost, and description that are seeking funding. Upon filtering to a specific project, the map symbolizes the project. Graphs are designed to show the number of projects listed in the WRIS portal by their schedule (0-2 years, 3-5 years, etc.) and the associated funding needs.
- By Region via mobile or tablet – This dashboard is a replica of the first dashboard but optimized for mobile viewing on a tablet or phone.
- WRIS Projects by Legislative Districts – The dashboard filters the WRIS data either by House or Senate Legislative District and the District number. It allows quick access to visualize water and wastewater needs in that District. The process is similar to the first and second dashboards in that all of the same information is present.

E. Short and Long-term Goals for Future IUP

The 2021 IUP has been enhanced with additional short and long-term goals to ensure success of the Kentucky SRF program.

EXHIBIT 1
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
PROJECTS RECEIVING SRF FINANCIAL ASSISTANCE
FISCAL YEAR ENDED JUNE 30, 2021

RECIPIENT NAME	LOAN NUMBER	ENFORCEMENT REQUIREMENTS	AMOUNT OF ASSISTANCE	BINDING COMMITMENT DATE(S)	ESTIMATED		TYPE OF ASSISTANCE	INTEREST RATE	LOAN MATURE
					CONSTRUCTION START DATE	INITIATION OF OPERATION DATE			
PART 1: Kentucky Certified first use: Requirements 4/4/89									
None									
PART 2: Other Section 212 Publicly Owned Treatment Works									
Pineville, City of	A20-004	F	2,454,000	7/9/2020	6/1/2021	3/1/2022	L	0.50%	*
Bedford, City of	A20-023	C	909,500	7/9/2020	6/15/2021	3/15/2022	L	0.50%	*
Calvert City, City of	A20-018	S	2,908,500	8/6/2020	4/1/2021	3/31/2022	L	1.50%	*
Dawson Springs, City of	A20-019	S	1,000,000	8/6/2020	12/31/2020	9/30/2021	L	0.50%	*
Bardstown, City of	A19-047	C	1,071,088	9/24/2020	8/12/2020	8/12/2021	L(1)	2.00%	*
Greenup Joint Sewer Agency	A20-029	C	2,715,000	9/24/2020	12/15/2020	12/31/2021	L	0.50%	*
Lewisburg, City of	A21-001	S	750,000	8/6/2020	3/15/2021	11/15/2021	L	0.25%	*
La Grange Utilities Commission	A18-016	S	202,500	11/5/2020	6/19/2020	6/1/2022	L(1)	1.75%	*
Eddyville, City of	A21-003	C	2,321,100	12/3/2020	1/11/2021	10/31/2021	L	0.25%	*
City of Hopkinsville	A19-003	C	5,000,000	1/7/2021	6/1/2020	5/1/2023	L(1)	0.50%	*
City of Georgetown	A19-009	C	7,857,216	2/4/2021	5/1/2021	5/1/2023	L(1)	0.50%	*
City of Richmond	A19-050	C	3,000,000	2/4/2021	2/1/2021	2/1/2022	L(1)	0.50%	*
City of Jackson	A20-030	C	1,017,000	2/4/2021	5/1/2021	8/1/2022	L	0.50%	*
Farmdale Sanitation District	A21-020	S	300,000	2/4/2021	12/1/2021	3/1/2022	L	1.00%	*
City of Whitesburg	A21-041	C	1,800,000	2/4/2021	8/1/2021	8/1/2022	L	0.25%	*
City of Mount Sterling	A21-005	C	11,825,000	3/4/2021	7/1/2021	7/1/2022	L	1.00%	*
City of Providence	A21-021	S	700,000	3/4/2021	3/31/2023	3/31/2024	L(2)	2.50%	*
Louisville & Jefferson County MSD	A21-022	C	8,270,000	3/4/2021	5/30/2021	6/30/2022	L	2.00%	*
City of Frankfort	A21-031	C	1,500,000	3/4/2021	9/1/2021	6/1/2022	L	2.00%	*
Lexington-Fayette Urban County Government	A15-026	F	15,788,138	4/1/2021	9/6/2021	4/1/2023	L(1)	1.75%	*
Paducah McCracken Co. Joint Sewer Agency	A20-032	S	2,046,410	4/1/2021	6/1/2021	10/3/2022	L(1)	0.50%	*
City of Fleming-Neon	A21-026	C	1,558,120	4/1/2021	11/1/2021	11/1/2022	L	0.25%	*
City of Russell Springs	A21-034	C	682,000	4/1/2021	9/1/2021	11/1/2021	L	0.25%	*
City of Marion	A18-003	S	9,816,574	5/6/2021	2/27/2019	4/1/2023	L(1)	0.50%	*
City of Frenchburg	A21-043	C	258,340	5/6/2021	11/22/2021	8/22/2022	L(2)	2.50%	*
City of Georgetown	A19-009	C	2,140,000	5/6/2021	5/1/2021	5/1/2023	L(1)	0.50%	*
City of Tompkinsville	A19-012	C	848,822	6/3/2021	7/25/2021	7/25/2022	L(1)	0.50%	*
City of Frankfort	A21-018	F	19,725,000	6/3/2021	6/1/2022	6/1/2024	L	1.00%	*
City of Kuttawa	A21-024	S	223,000	6/3/2021	3/1/2022	6/30/2022	L(2)	2.50%	*
City of Nicholasville	A21-032	SA	817,000	6/3/2021	8/1/2023	3/1/2024	L(2)	2.50%	*
City of Burkesville	A20-002	C	256,675	6/3/2021	10/15/2020	11/30/2021	L(1)	0.50%	*
Subtotal: Section 212 Base Loans	31		109,760,983				Weighted Avg:	1.02%	
PART 3: Nonpoint Source Management Program (Section 319)									
None									
TOTAL SECTION 319 LOANS	0		\$ -					0.0%	
GRAND TOTAL			\$ 109,760,983						

EXHIBIT 1
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
PROJECTS RECEIVING SRF FINANCIAL ASSISTANCE
FISCAL YEAR ENDED JUNE 30, 2021

PART 4: National Estuary Projects - (Section 320)

None

PART 5: PROGRAM ADMINISTRATION

\$ 1,305,133

Type of Assistance

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

Enforcement Requirements

- C = In Compliance
CO = Court Order
U = Unsewered
SA = State Administrative Order (Municipal Wastewater Pollution
F = Federal Administrative Order
S = State Court Order

Loan Mature

- * = Final Loan Closing has not occurred

EXHIBIT 2
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
BINDING COMMITMENTS BY QUARTER
FISCAL YEAR ENDED JUNE 30, 2021

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							
Pineville, City of	A20-004	\$ 2,454,000	\$ -	\$ -	\$ -	\$ 2,454,000	L
Bedford, City of	A20-023	\$ 909,500	\$ -	\$ -	\$ -	\$ 909,500	L
Calvert City, City of	A20-018	\$ 2,908,500	\$ -	\$ -	\$ -	\$ 2,908,500	L
Dawson Springs, City of	A20-019	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 1,000,000	L
Bardstown, City of	A19-047	\$ 1,071,088	\$ -	\$ -	\$ -	\$ 1,071,088	L(1)
Greenup Joint Sewer Agency	A20-029	\$ 2,715,000	\$ -	\$ -	\$ -	\$ 2,715,000	L
Lewisburg, City of	A21-001	\$ 750,000	\$ -	\$ -	\$ -	\$ 750,000	L
La Grange Utilities Commission	A18-016	\$ -	\$ 202,500	\$ -	\$ -	\$ 202,500	L(1)
Eddyville, City of	A21-003	\$ -	\$ 2,321,100	\$ -	\$ -	\$ 2,321,100	L
City of Hopkinsville	A19-003	\$ -	\$ -	\$ 5,000,000	\$ -	\$ 5,000,000	L(1)
City of Georgetown	A19-009	\$ -	\$ -	\$ 7,857,216	\$ -	\$ 7,857,216	L(1)
City of Richmond	A19-050	\$ -	\$ -	\$ 3,000,000	\$ -	\$ 3,000,000	L(1)
City of Jackson	A20-030	\$ -	\$ -	\$ 1,017,000	\$ -	\$ 1,017,000	L
Farmdale Sanitation District	A21-020	\$ -	\$ -	\$ 300,000	\$ -	\$ 300,000	L
City of Whitesburg	A21-041	\$ -	\$ -	\$ 1,800,000	\$ -	\$ 1,800,000	L
City of Mount Sterling	A21-005	\$ -	\$ -	\$ 11,825,000	\$ -	\$ 11,825,000	L
City of Providence	A21-021	\$ -	\$ -	\$ 700,000	\$ -	\$ 700,000	L(2)
Louisville & Jefferson County MSD	A21-022	\$ -	\$ -	\$ 8,270,000	\$ -	\$ 8,270,000	L
City of Frankfort	A21-031	\$ -	\$ -	\$ 1,500,000	\$ -	\$ 1,500,000	L
Lexington-Fayette Urban County Government	A15-026	\$ -	\$ -	\$ -	\$ 15,788,138	\$ 15,788,138	L(1)
Paducah McCracken Co. Joint Sewer Agency	A20-032	\$ -	\$ -	\$ -	\$ 2,046,410	\$ 2,046,410	L(1)
City of Fleming-Neon	A21-026	\$ -	\$ -	\$ -	\$ 1,558,120	\$ 1,558,120	L
City of Russell Springs	A21-034	\$ -	\$ -	\$ -	\$ 682,000	\$ 682,000	L
City of Marion	A18-003	\$ -	\$ -	\$ -	\$ 9,816,574	\$ 9,816,574	L(1)
City of Frenchburg	A21-043	\$ -	\$ -	\$ -	\$ 258,340	\$ 258,340	L(2)
City of Georgetown	A19-009	\$ -	\$ -	\$ -	\$ 2,140,000	\$ 2,140,000	L(1)
City of Tompkinsville	A19-012	\$ -	\$ -	\$ -	\$ 848,822	\$ 848,822	L(1)
City of Frankfort	A21-018	\$ -	\$ -	\$ -	\$ 19,725,000	\$ 19,725,000	L
City of Kuttawa	A21-024	\$ -	\$ -	\$ -	\$ 223,000	\$ 223,000	L(2)
City of Nicholasville	A21-032	\$ -	\$ -	\$ -	\$ 817,000	\$ 817,000	L(2)
City of Burkesville	A20-002	\$ -	\$ -	\$ -	\$ 256,675	\$ 256,675	L(1)
TOTAL SECTION 212 LOANS		\$ 11,808,088	\$ 2,523,600	\$ 41,269,216	\$ 54,160,079	\$ 109,760,983	

EXHIBIT 2
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
BINDING COMMITMENTS BY QUARTER
FISCAL YEAR ENDED JUNE 30, 2021

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		\$ -	\$ -	\$ -	\$ -	\$ -	
PROJECT GRAND TOTALS							
Base Loans		\$ 11,808,088	\$ 2,523,600	\$ 41,269,216	\$ 54,160,079	\$ 109,760,983	
ARRA Loans		\$ -	\$ -	\$ -	\$ -	\$ -	
GRAND TOTAL		\$ 11,808,088	\$ 2,523,600	\$ 41,269,216	\$ 54,160,079	\$ 109,760,983	
PART 4: National Estuary Projects - (Section 320)		None					
Part 5: PROGRAM ADMINISTRATION		\$ -	\$ 643,434	\$ 442,223	\$ 219,475	\$ 1,305,133	
NET TOTALS		\$ 11,808,088	\$ 3,167,034	\$ 41,711,439	\$ 54,379,554	\$ 111,066,116	
CUMULATIVE TOTALS		\$ 11,808,088	\$ 14,975,122	\$ 56,686,562	\$ 111,066,116		
FEDERAL PAYMENTS - 2021		\$ -	\$ 11,222,954	\$ 8,804,619	\$ -	\$ 20,027,573	
CUMULATIVE FEDERAL PAYMENTS		\$ -	\$ 11,222,954	\$ 20,027,573	\$ 20,027,573		
BINDING COMMITMENT % OF PAYMENTS		N/A	133%	283%	555%		

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, 2021

CUMULATIVE SOURCES		FY 2020 DISBURSEMENTS				
	TOTAL	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
Capitalization Grants	\$ 611,712,930			\$ 19,416,000		\$ 19,416,000
State Matching Funds (1)	117,463,773		2,785,924	1,259,076		4,045,000
Revenue Bond Proceeds (Net of Issue Costs)	335,000,000					0
Program Administration (2)	25,488,033		643,434	442,223	219,475	1,305,133
TOTALS	<u>\$1,089,664,736</u>	<u>\$ -</u>	<u>\$ 3,429,358</u>	<u>\$ 21,117,300</u>	<u>\$ 219,475</u>	<u>\$ 24,766,133</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, 2021

RECIPIENT NAME	LOAN NUMBER	PROJECT NAME	AMOUNT OF ASSISTANCE	PRINCIPAL FORGIVENESS	INTEREST RATE	MHI	MHI AS % OF STATE	POPULATION
Pineville, City of	A20-004	Virginia Avenue/Courthouse Square Utility Replacements	\$ 2,454,000	\$ 919,050	0.50%	\$ 21,683	46.6%	3,106
Bedford, City of	A20-023	Bedford Wastewater System Improvements Project	\$ 909,500	\$ 454,750	0.50%	\$ 31,399	67.5%	957
Dawson Springs, City of	A20-019	Improvements	\$ 1,000,000	\$ 475,500	0.50%	\$ 24,198	52.0%	2,674
Greenup Joint Sewer Agency	A20-029	Phase 2 Sewer Line Extension Project (Lloyd)	\$ 2,715,000	\$ 710,000	0.50%	\$ 37,228	80.0%	827
Lewisburg, City of	A21-001	Lewisburg Sewer System Upgrade	\$ 750,000	\$ 375,000	0.25%	\$ 35,071	75.4%	856
Eddyville, City of	A21-003	Ave	\$ 2,321,100	\$ 1,000,000	0.25%	\$ 33,553	72.1%	2,146
City of Jackson	A20-030	Jackson Sewer Rehabilitation Project	\$ 1,017,000	\$ 508,500	0.50%	\$ 27,310	58.7%	3,083
City of Whitesburg	A21-041	Sewer Lift Station Rehab	\$ 1,800,000	\$ 900,000	0.25%	\$ 36,207	77.8%	2,430
City of Fleming-Neon	A21-026	Fleming-Neon Sewer Rehabilitation Project	\$ 1,558,120	\$ 779,060	0.25%	\$ 29,440	63.3%	2,696
City of Russell Springs	A21-034	KY 80 Gravity Sewer Rehab Project	\$ 682,000	\$ 341,000	0.25%	\$ 37,880	81.4%	4,218
TOTALS	<u>10</u>		<u>\$ 15,206,720</u>	<u>\$ 6,462,860</u>				

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) not to exceed \$38,714 to be eligible for principal forgiveness under the 2021 Intended Use Plan. See "Additional Subsidization" in the IUP commentary for a detailed discussion of principal forgiveness for 2021.

EXHIBIT 5
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
LOAN COMMITMENTS WITH GREEN PROJECT RESERVE
FISCAL YEAR ENDED JUNE 30, 2021

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
Eddyville, City of	A21-003	Wastewater SSES and Rehabilitation - South of Fairview Ave	C	\$ 2,745,064	\$ 2,745,064					2,146
TOTALS	<u>1</u>			<u>\$ 2,745,064</u>	<u>\$ 2,745,064</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	

EXHIBIT 6 KENTUCKY INFRASTRUCTURE AUTHORITY FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM TOTAL DISBURSEMENTS FISCAL YEAR ENDED JUNE 30, 2021						
PROJECT NAME	LOAN NUMBER	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
CAPITALIZATION GRANT FUNDS						
Augusta Regional Sewer Authority	A17-001	543,072	-	-	358,677	901,749
Bardstown, City of	A19-047	185,608	-	-	118,428	304,036
Burkesville, City of	A20-002	39,290	-	-	-	39,290
Harrodsburg, City of	A16-033	-	-	-	196,675	196,675
Hopkinsville, City of	A19-003	966,616	-	-	1,249,194	2,215,811
La Grange Utilities Commission	A18-016	314,224	-	-	96,175	410,399
Lancaster, City of	A19-011	49,600	-	-	-	49,600
Lexington Fayette Urb Co Gov	A15-026	51,800	-	-	-	51,800
Louisa, City of	A19-002	292,460	-	-	611,000	903,459
Louisville Metropolitan Sewer	A19-028	17,788,487	-	-	-	17,788,487
Marion, City of	A18-003	50,000	-	-	-	50,000
Morehead, City of	A19-032	152,391	-	-	84,587	236,978
Mount Sterling, City of	A20-007	22,500	-	-	-	22,500
Mountain Water District	A15-077	-	-	-	22,951	22,951
Paducah, City of	A18-028	-	-	-	48,236	48,236
Regional Water Resource Agency	A19-024	219,028	-	-	-	219,028
PROJECT TOTAL		\$ 20,675,076	\$ -	\$ -	\$ 2,785,924	\$ 23,461,000
PROGRAM ADMINISTRATION		\$ -	\$ 643,434	\$ 442,223	\$ 219,475	\$ 1,305,133
FIRST USE TOTALS		\$ 20,675,076	\$ 643,434	\$ 442,223	\$ 3,005,399	\$ 24,766,133
CUMULATIVE TOTALS		\$ 20,675,076	\$ 21,318,510	\$ 21,760,734	\$ 24,766,133	

EXHIBIT 6 KENTUCKY INFRASTRUCTURE AUTHORITY FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM TOTAL DISBURSEMENTS FISCAL YEAR ENDED JUNE 30, 2021						
PROJECT NAME	LOAN NUMBER	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
REPAYMENT FUNDS						
Augusta Regional Sewer Authority	A17-001	2,025,643	279,140	1,915,870	1,095,258	5,315,911
Bardstown, City of	A19-047	294,809	1,062,823	297,978	422,246	2,077,856
Burkesville, City of	A19-045	-	-	24,714	-	24,714
Burkesville, City of	A20-002	104,525	110,878	-	42,456	257,859
Corbin, City of	A19-025	25,000	-	444,849	77,176	547,025
Eddyville, City of	A20-027	8,150	-	174,269	29,563	211,982
Eddyville, City of	A21-003	-	506,671	-	-	506,671
Elkton, City of	A19-001	324,575	-	367,791	-	692,366
Frankfort, City of	A17-006	49,725	-	546,350	198,901	794,976
Frankfort, City of	A17-021	-	1,162,227	-	-	1,162,227
Frankfort, City of	A17-022	-	-	-	1,232,104	1,232,104
Hodgenville, City of	A20-025	27,500	-	20,000	-	47,500
Hopkinsville, City of	A19-003	1,558,607	2,364,616	619,200	1,328,377	5,870,801
Kuttawa, City of	A20-022	-	-	1,264,200	311,159	1,575,359
La Center, City of	A19-026	73,137	244,399	440,092	30,636	788,264
La Grange Utilities Commission	A18-016	359,018	324,079	307,970	236,623	1,227,689
Lancaster, City of	A19-011	-	-	79,200	-	79,200
Lexington Fayette Urb Co Gov	A15-026	-	-	335,855	-	335,855
Lincoln County Sanitation District	A19-048	-	27,600	-	-	27,600
Louisa, City of	A19-002	257,301	869,816	689,244	940,643	2,757,003
Marion, City of	A18-003	-	814,790	217,028	-	1,031,818
Maysville, City of	A17-011	-	-	446,332	102,014	548,345
McCreary County Water District	A20-047	-	369,523	-	-	369,523
Mercer County Sanitation District	A16-004	-	-	23,266	-	23,266
Morehead, City of	A19-032	74,473	130,204	1,090,841	473,204	1,768,723
Mount Sterling, City of	A20-007	56,250	70,875	48,750	27,500	203,375
Mountain Water District	A15-077	8,434	-	-	20,473	28,907
Murray, City of	A12-12	-	-	845,594	-	845,594
Murray, City of	A19-031	-	-	483,211	90,524	573,735
Nicholasville, City of	A15-090	-	-	40,380	-	40,380
Nicholasville, City of	A20-045	-	-	344,455	109,368	453,823
Northern Madison County San. Dist.	A20-049	158,369	219,697	-	-	378,066
Oldham County Environmental Auth	A17-028	-	-	71,235	-	71,235
Paducah-McCracken Co Joint Sew Agncy	A19-039	-	1,679,578	2,224,742	-	3,904,320
Pineville, City of	A18-027	73,000	-	-	-	73,000
Regional Water Resource Agency	A15-002	136,511	-	320,445	137,189	594,145
Regional Water Resource Agency	A18-007	-	-	40,187	-	40,187
Regional Water Resource Agency	A18-026	-	-	47,000	-	47,000
Regional Water Resource Agency	A19-024	-	-	1,646,477	-	1,646,477
Richmond, City of	A19-050	-	3,030,058	-	-	3,030,058
Stanton, City of	A17-037	-	-	15,447	-	15,447
PROJECT TOTAL		\$ 5,615,027	\$ 13,266,975	\$ 15,432,971	\$ 6,905,412	\$ 41,220,385
GRAND TOTAL		\$ 26,290,103	\$ 13,910,409	\$ 15,875,194	\$ 9,910,811	\$ 65,986,518

EXHIBIT 7
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
PROPORTIONATE FEDERAL SHARE THROUGH CASH DRAWS
FISCAL YEAR ENDED JUNE 30, 2021

SELECT DISBURSEMENTS	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
FIRST ROUND	\$ 20,675,076	\$ -	\$ -	\$ 2,785,924	\$ 23,461,000
ADMINISTRATION	0	643,434	442,223	219,475	1,305,133
REPAYMENT	5,615,027	13,266,975	15,432,971	6,905,412	41,220,385
REVENUE BONDS	0	0	0	0	0
TOTAL SELECT DISBURSEMENTS	\$ 26,290,103	\$ 13,910,409	\$ 15,875,194	\$ 9,910,811	\$ 65,986,518
CUMULATIVE TOTAL	\$ 26,290,103	\$ 40,200,513	\$ 56,075,707	\$ 65,986,518	
CASH DRAW FROM LINE OF CREDIT	\$ -	\$ 643,434	\$ 19,858,223	\$ 219,475	\$ 20,721,133
STATE SHARE	\$ -	\$ 2,785,924	\$ 1,259,076	\$ -	\$ 4,045,000
CASH DRAWS AS % OF DISBURSEMENTS	0%	5%	125%	2%	31%

EXHIBIT 10
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER REVOLVING LOAN PROGRAM
REPORT OF ANNUAL LOAN REPAYMENTS
FISCAL YEAR ENDED JUNE 30, 2021

Number of Days Past Due					
Loan Number	Borrower	Total	0 - 30	31 - 120	121 & over
A06-01	Ledbetter Water District	151,179.21	56,097.03	0.00	95,082.18
A12-28	Perry County Sanitation District #1	107,652.74	36,063.37	0.00	71,589.37
TOTALS		258,831.95	92,160.40	0.00	166,671.55

EXHIBIT 11
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
CHANGES FROM ORIGINAL 2014 INTENDED USE PLAN
FISCAL YEAR ENDED JUNE 30, 2021

Rank	Applicant	Project Name	Action
*	Marion, City of	City of Marion - New Wastewater Treatment Plant	Accepted
*	Hopkinsville Water Environment Authority	HWEA SRF Phase VIII - Expand Hammond-Wood WWTP & Interce	Accepted
**	Lewisburg, City of	Lewisburg Sewer System Upgrade	Accepted
**	Smithland, City of	Smithland Sewer Rehabilitation	Declined
**	Eddyville, City of	Wastewater SSES and Rehabilitation - South of Fairview Ave	Accepted
**	Hodgenville, City of	Hodgenville WWTP Upgrade & Wet Weather Storage	Withdrawn
**	Mount Sterling, City of	Wastewater Capacity Upgrade Project	Accepted
**	Nicholasville, City of	Nicholasville WWTP Expansion Planning & Design	Accepted
7	Paintsville Utilities Commission	KY Hwy 23 Sewer Extension	Accepted
8	Winchester Municipal Utilities Commission	WMU - Flanagan and Madison Outfall Sewers	Declined
9	Auburn, City of	City of Auburn - Upgrade of Existing Wastewater Treatment Plant	N/A
10	Ashland, City of	Ashland: Enlarge Sewer Treatment Plant to Eliminate Overflows	N/A
11	Danville, City of	Danville - Wastewater Treatment Plant Improvements	Withdrawn
12	Lexington-Fayette Urban County Government	LFUCG - Overbrook Pump Station and Force Main	Accepted
13	Lexington-Fayette Urban County Government	LFUCG - Hartland 1 Trunk	N/A
14	Lexington-Fayette Urban County Government	LFUCG - Overbrook Trunk Sewer	Accepted
15	Campbellsville, City of	Wastewater Treatment Plant Flood Mitigation Project/ Sewer Line R	Withdrawn
16	Jackson, City of	Jackson Sewer Rehabilitation Project	N/A
17	Bedford, City of	Bedford Wastewater System Improvements Project	N/A
18	Frankfort, City of	East Frankfort Interceptor Phase III Wet Weather Facility	Accepted
19	Whitesburg, City of	Whitesburg - Mayking Area Sewer Extensions Phase I	Withdrawn
20	Farmdale Sanitation District	Farmdale Sanitation District-Rehabilitation Project	Accepted
21	Providence, City of	Providence Sanitary Sewer Upgrades	Accepted
22	Louisville and Jefferson County MSD	Rosa Terrace, Sanders, Wathen and Sonne Pump Station Project	Accepted
23	Shepherdsville, City of	Shepherdsville Blue Lick Road Drainage & Sanitary Sewer Improve	N/A
24	Kuttawa, City of	Kuttawa - Phase V SSES and Rehabilitation Project	Accepted
25	Frankfort, City of	City of Frankfort/Frankfort Sewer Department-Holmes Street Contra	Withdrawn
26	Fleming-Neon, City of	Fleming-Neon Sewer Rehabilitation Project	Accepted
27	Greenup, City of	Greenup: Rehab Or Replacement of Collection System	Accepted
28	Clay City, City of	Clay City - Phase II Sewer System Rehab	Accepted
29	Oldham County Environmental Authority	OCEA Lift Station Rehab, Renovation, and Replacement	N/A
30	Dawson Springs City Water and Sewer	Sanitary Sewer System Rehabilitation and WWTP Improvements	N/A
31	Frankfort, City of	Miami Trails Sanitary Sewer Project	Accepted
32	Nicholasville, City of	Nicholasville SSES and Sewer Rehabilitation Phase I	Accepted
33	Adair County Water District	Burkesville Street Lift Station Replacement and Sanitary Sewer Exp	Declined
34	Russell Springs, City of	KY 80 Gravity Sewer Rehab Project	Accepted
35	Muldraugh, City of	Muldraugh Sewer Improvements Phase 3	Expired

EXHIBIT 11
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
CHANGES FROM ORIGINAL 2014 INTENDED USE PLAN
FISCAL YEAR ENDED JUNE 30, 2021

Rank	Applicant	Project Name	Action
36	Guthrie, City of	Guthrie - WWTP Expansion	N/A
37	West Point, City of	West Point WWTP Renovation	Withdrawn
38	Trenton, City of	Trenton - Wastewater Treatment Plant Improvements Project	Expired
39	Benton, City of	WWTP Wet Weather Flow Abatement	Declined
40	Perry County Sanitation District	Wendell H. Ford Airport Subdivisions Sewer System	N/A
41	Whitesburg, City of	Sewer Lift Station Rehab	Accepted
42	Scottsville, City of	City of Scottsville - Inflow and Infiltration Project, Phase I	Accepted
43	Frenchburg, City of	City of Frenchburg Wastewater Collection System Rehab	Accepted
44	Somerset, City of	Pitman Creek WWTP Improvements and South US 27 Phase 2 Sewer	Accepted
45	Stanford, City of	Stanford Sewer Rehabilitation - Phase I	N/A
46	Regional Water Resource Agency	Max Rhoads WWTP Sludge Process Improvements	N/A
47	Letcher County Water & Sewer District	WWTP for Federal Prison at Roxanna	N/A
48	Cloverport, City of	Cloverport Wastewater Plant Improvements	N/A
49	Gamaliel, City of	Gamaliel Lift Stations Rehab	N/A
50	Lebanon, City of	City of Lebanon WWTP Improvements	N/A
51	Scottsville, City of	City of Scottsville - US 231 Sewer Extension	N/A
52	Fredonia, City of	Fredonia - Lift Station Improvements	N/A
53	Regional Water Resource Agency	Spring Lane Sewer Extension	N/A
54	Vine Grove, City of	Vine Grove Sewer Treatment Improvements II	N/A
55	Whitesville, City of	Whitesville Wastewater Treatment Plant Project	N/A
56	Berea, City of	BMU - Madison County Airport - Sewer Line Extension Project	N/A
57	Hart County Industrial Authority	Progress Park Industrial Park Pretreatment Expansion	N/A
58	Morganfield, City of	Morganfield Job Corp Sanitary Sewer Replacement Construction Project	N/A
59	McCreary County Water District	McCreary Wastewater Treatment Plant Expansion	N/A
60	Murray Water and Sewer System	North End Expansion	N/A
61	Lyon County Water District	Lyon County - Iron Hill Sewer Sanitary Sewer Expansion	N/A
62	Ballard County Fiscal Court	Ballard County International Fisheries Industrial Park Sewerline Extension	N/A
63	McCreary County Water District	McCreary Co./Pine Knot-KY 92 Area Sewer System Extensions	Withdrawn
64	Madisonville, City of	Madisonville - Noel Avenue Interceptor Project	N/A
65	Lancaster, City of	City of Lancaster Sanitary Sewer Extension	N/A
66	Boyd County Sanitation District #4	Boyd County Sanitation District #4 - Hatchery Road Lift Station	N/A
67	Marshall County Sanitation District #2	Marshall County Sanitation West Sewer Expansion - Phase 1	N/A
68	Boyd County Sanitation District #4	SD4: Rehab Ray Drive Sewer Line	N/A
69	Grant County Sanitary Sewer District	300,000 Gallon Equalization Basin	N/A

* Funding is being prioritized for projects requesting an increase to an existing SRF construction loan or multi-year loans.

** Funding is being prioritized for projects having an active SRF planning and design loan