

CLEAN WATER STATE REVOLVING FUND
SRF ANNUAL REPORT
STATE FISCAL YEAR ENDED JUNE 30, 2023

Prepared by the Commonwealth of Kentucky
For EPA Region IV

September 30, 2023

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, 2023. This report describes how Kentucky met the goals as identified in the 2023 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 \$1,156,520,736 in CWSRF first use funds (Exhibit 3) which are comprised of capitalization grant \$667,009,890 state match \$126,718,773, leverage bond proceeds \$335,000,000, and program administration \$27,792,073.

On April 4, 1989 Kentucky certified compliance with the "first use" requirement of the Clean Water Act. During SFY 2023, KIA continued to pursue expanded use activities with local officials and other agencies. All projects funded in 2023 were Section 212 Publicly Owned Treatment Works.

SFY 2023 OVERVIEW

Exhibit 1 shows that during 2023 the Commonwealth of Kentucky made five new binding commitments including two construction, three increases, and no planning & design projects for a total of \$16,314,450 to provide financial assistance for construction or improvement of wastewater treatment infrastructure projects. Four commitments totaling \$8,654,450 came from the Base program and one commitment of \$7,660,000 came from the Supplemental program. The average interest rate on funds committed during the year was .77%.

During 2023, two loans totaling \$8,660,000 were approved that were subsidized with principal forgiveness of \$3,915,830 (Exhibit 4). Two loans containing green infrastructure components totaling \$962,500 were approved during 2023 (Exhibit 5).

Exhibit 6 lists total disbursements of \$54,997,051 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. No disbursements were made to borrowers receiving funds from the newly established BIL programs.

III. GOALS AND ACCOMPLISHMENTS

A. Short-term Goals and Accomplishments

The 2023 IUP describes nine 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 2023 fiscal year, the 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 and loan closing procedures. A new staff attorney was hired and began to help reviewing and drafting Assistance Agreements as well as focusing on the Build America, Buy America implementation. Other employees also began to learn policies and procedures as it relates to SRF loan compliance and closing. Monthly meetings were held between KIA and DOW to discuss the status of loans approved but not yet under Assistance Agreement. This collaboration helped members of KIA and DOW understand the roles of staff and streamline the loan closing process. In addition to the reorganization of personnel, language in the Assistance Agreements have been revised to document compliance expectations.

After meeting with representatives from Morgan Stanley, KIA's Underwriter in SFY23, staff decided to keep interest rates the same. At that time it looked as though rates might begin to stabilize and the decision was made to monitor market data and further evaluate interest rates the following year. The overall costs of projects continued to escalate, and the hope was that a lower interest rate might help offset some of the price increases borrowers are facing. Supply chain and labor issues have continued to cause loan closing delays. 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 2014.

Table 1			
Historical Loan Activity			
Year	# of Loans	Commitment Dollars	Amount From Borrower Repayments
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
2020	29	44,311,376	16,773,014
2021	31	109,760,983	41,220,385
2022	13	44,493,277	53,703,528
2023	5	16,314,450	30,535,567

2. 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. Seventy-five of the one hundred twenty-two projects submitted during the Call for Projects received points for green components. Twenty-three projects received points for incorporating two or more green components, while fifty-two projects incorporated one green component. The primary green category was for energy efficiency for which seventy of the one hundred twenty-two (57%) projects were awarded points which is has increased 9% from last year.

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

During the 2023 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 and reinforced during the preconstruction meetings held at the time the construction contracts are executed. Dow did not participate in 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.

The Water Resource Information System (WRIS) uses Esri’s mapping & spatial analytics software for its geographic information system (GIS). Our GIS provides the fundamental data needed for the Kentucky WRIS Portal to include water resources, drinking water systems, wastewater treatment systems, project development, emergency response, regulations, and planning.

Esri has announced their ArcMap version 10.8.2 will be the last major release for ArcMap and will not be supported after March 1, 2026. Esri has released ArcGIS Pro and ArcGIS Online which will be their flagship platform going forward. To remain current, the WRIS must migrate our processes from ArcMap to ArcGIS Pro by March 2026.

To accomplish moving to a new ArcGIS version, KIA plans to research and develop an ArcGIS Pro solution for WRIS within FY2023; Migrate all processes associated with our disconnected editing routine to the new ArcGIS Pro platform; Replace the custom ArcMap Add-In toolbar with a native solution in ArcGIS Pro.

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 one hundred twenty-two projects, six projects submitted were awarded points for these criteria and four projects were invited for funding.

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.
9. Study and revise the disadvantaged community criteria and incorporate those changes into the WRIS.

Historically KIA has defined a disadvantaged community as any system with a service area MHI at or below the State's MHI. The implementation of BIL has forced most states to redefine disadvantaged community with the increase in the amount of principal forgiveness that must be awarded with each new program. During SFY23 Kentucky defined a disadvantaged community as any system with a service area MHI below the State's MHI or any project area with an MHI below the State's MHI. Affordability Index was also taken into consideration. The disadvantaged community criteria will continue to be reviewed in future years.

B. Long Term Goals and Accomplishments

The IUP describes seven 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 sixteen 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.
6. Identify priority watersheds and reach out to the municipalities for project development and funding assistance.
7. Identify systems with emerging contaminants and provide assistance and funding to those systems to develop feasible ways to eliminate those contaminants.

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 \$16,314,450. Four commitments totaling \$8,654,450 came from the Base program and one commitment of \$7,660,000 came from the Supplemental program.

2. Sources and Uses of Funds

Exhibit 3 shows the first use sources and uses of SRF funds during 2023. Cumulative sources increased by \$24,267,600. Three FFY2022 capitalization grants were received in a total of \$38,568,000. State match for the year totaled \$5,210,400. Disbursements of capitalization grant and state match were \$24,461,484 for low-cost loans for eligible projects and for SRF administrative costs. Repayment funds in the amount of \$30,535,567 were disbursed for eligible projects through 2023 (See Exhibit 6).

3. Disbursements and Guarantees

Exhibit 2 shows that 2023 binding commitments were 87% of 2021 grant payments.

Exhibit 6 shows total disbursements of \$54,997,051 listed by borrower and loan number segregated between capitalization grant and repayment funds. Program administration costs of \$489,909 were also reimbursed from capitalization grants.

Exhibit 7 presents the \$54,997,051 disbursements in summary form.

Approximately 0.9 percent of this amount, or \$489,909 was drawn down from the EPA for program administration costs. The State share of funds disbursed was \$5,210,400.

4. Financial Statements

Exhibits 8 and 9 present the 2023 unaudited balance sheet and statement of revenues, expenses, and changes in retained earnings for the Kentucky Infrastructure Authority.

5. Revenue Bond Funding

No bonds were issued in 2023.

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 six 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 5 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's 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. Loans with an "S" on the end of the number are committed from the BIL Supplemental program.

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 2023. 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 2023 that were eligible for subsidies. Two new loans totaling \$8,660,000 were approved that were subsidized with principal forgiveness of \$3,915,830. One loan totaling \$1,000,000 with principal forgiveness of \$306,792 was approved from the Base program. One loan totaling \$7,660,000 with principal forgiveness of \$3,609,038 was approved from the Supplemental program. The 2022 Base Grant required a subsidy of at least \$2,945,200 (20%) not to exceed \$5,890,400 (40%). The 2022 Supplemental Grant required a subsidy of 49%, or 11,099,480. The 2022 Emerging Contaminants Grant required a subsidy of 100% of available loan funds, or \$1,118,600.

Exhibit 5 lists two projects were approved during 2023 reported against the 2022 Capitalization Grant for green infrastructure components totaling \$962,500. The FFY 2022 Capitalization Grant required green components equal to 10%, or \$1,472,600 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, 2023" 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 2023, \$54,507,141 in construction draw requests were reimbursed to CWSRF participants of which \$218,025, or 0.40%, was reimbursed to WBE contractors. Disbursements in the amount of \$89,823 or 0.16% 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 2023, the Commonwealth of Kentucky conducted environmental reviews on seven clean water reviews out of a total of eighteen reviews 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 2023 IUP that were invited to apply for assistance. Of the 126 projects on the priority list, 24 projects were invited to apply. 10 borrowers accepted and 14 bypassed, withdrew, or declined the invitations. Borrower willingness to participate in the SRF program during 2023 was affected by the general state of the economy, principal forgiveness, and resistance to raise rates to service additional debt. The significantly higher cost of projects due to inflation and delays due to labor shortages and supply chain issues have had a major impact on both project readiness and affordability.

B. Modifications of Goals and Objectives

Both short and long-term goals in the 2023 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. KIA and ACEC-KY Partnership

In Kentucky we are fortunate to have a wide open line of communication between technical professionals and State agencies. An example of the professional relationships that exists is the one 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
- Updates on cost of materials and supply chain

- Update ACEC on new digital interface at the KIA
- Discussion of principal forgiveness
- Compliance assistance

Moving into the 2023 – 2024 year, the KIA leadership is solidly in place. Russ Romine is the ACEC Executive Director, and Clay Kelly is responsible for heading up the ACEC/KIA coordination for ACEC.

C. KIA WRIS Funding Dashboards

The WRIS Funding Dashboards were created as a proof of concept in 2018 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 active on KIA's website since 2019 and are a model for WRIS to provide 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 Kentucky.

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 and number of web hits in FY 2023 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.

Usage details for the period	July 1, 2022 - June 30, 2023
Item Views this Period	994
Average Item Views Per Day	2.73

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.

Usage details for the period	July 1, 2022 - June 30, 2023
Item Views this Period	167
Average Item Views Per Day	0.43

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.

Usage details for the period	July 1, 2021 - June 30, 2022
Item Views this Period	105
Average Item Views Per Day	0.29

D. Short and Long-term Goals for Future IUP

The 2023 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, 2023

RECIPIENT NAME	LOAN NUMBER	ENFORCEMENT REQUIREMENTS	AMOUNT OF ASSISTANCE	BINDING COMMITMENT DATE(S)	ESTIMATED CONSTRUCTION START DATE	ESTIMATED 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									
McCreary County Water District	A20-047	C	324,450	7/7/2022	2/23/2021	9/1/2022	L(1)	0.50%	*
Farmdale Sanitation District	A21-020	C	30,000	7/7/2022	7/29/2022	9/30/2022	L(1)	1.00%	*
Mount Sterling, City of	A21-005	C	7,300,000	12/1/2022	12/30/2022	12/30/2024	L(1)	1.00%	*
Hardinsburg, City of	A23-010	C	1,000,000	3/2/2023	11/1/2023	8/31/2024	L	1.25%	*
Lebanon, City of	A23-018S	C	7,660,000	4/6/2023	5/1/2024	11/30/2024	L	0.50%	*
Subtotal: Section 212 Base Loans		5	16,314,450				Weighted Avg:	0.77%	
PART 3: Nonpoint Source Management Program (Section 319)									
None									
TOTAL SECTION 319 LOANS		0	\$ -					0.0%	
GRAND TOTAL			\$ 16,314,450						
PART 4: National Estuary Projects - (Section 320)									
None									
PART 5: PROGRAM ADMINISTRATION			\$ 489,909						
<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						
			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, 2023

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							
McCreary County Water District	A20-047	\$ 324,450	\$ -	\$ -	\$ -	\$ 324,450	L(1)
Farmdale Sanitation District	A21-020	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	L(1)
Mount Sterling, City of	A21-005	\$ -	\$ 7,300,000	\$ -	\$ -	\$ 7,300,000	L(1)
Hardinsburg, City of	A23-010	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000	L
Lebanon, City of	A23-018S	\$ -	\$ -	\$ -	\$ 7,660,000	\$ 7,660,000	L
TOTAL SECTION 212 LOANS		\$ 354,450	\$ 7,300,000	\$ 1,000,000	\$ 7,660,000	\$ 16,314,450	

EXHIBIT 2
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
BINDING COMMITMENTS BY QUARTER
FISCAL YEAR ENDED JUNE 30, 2023

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		\$ 354,450	\$ 7,300,000	\$ 1,000,000	\$ 7,660,000	\$ 16,314,450	
ARRA Loans		\$ -	\$ -	\$ -	\$ -	\$ -	
GRAND TOTAL		\$ 354,450	\$ 7,300,000	\$ 1,000,000	\$ 7,660,000	\$ 16,314,450	
PART 4: National Estuary Projects - (Section 320)		None					
Part 5: PROGRAM ADMINISTRATION		\$ 40,864	\$ -	\$ 76,850	\$ 372,195	\$ 489,909	
NET TOTALS		\$ 395,314	\$ 7,300,000	\$ 1,076,850	\$ 8,032,195	\$ 16,804,359	
CUMULATIVE TOTALS		\$ 395,314	\$ 7,695,314	\$ 8,772,164	\$ 16,804,359		
FEDERAL PAYMENTS - 2023		\$ 40,864	\$ 2,785,648	\$ 8,390,408	\$ 8,034,164	\$ 19,251,084	
CUMULATIVE FEDERAL PAYMENTS		\$ 40,864	\$ 2,826,512	\$ 11,216,920	\$ 19,251,084		
BINDING COMMITMENT % OF PAYMENTS		967%	272%	78%	87%		

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, 2023

CUMULATIVE SOURCES		FY 2023 DISBURSEMENTS				
	TOTAL	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
Capitalization Grants	\$ 667,009,890	\$ -	\$ 2,785,648	\$ 8,313,559	\$ 7,661,968	\$ 18,761,175
State Matching Funds (1)	126,718,773	0	2,945,200	2,265,200	0	5,210,400
Revenue Bond Proceeds (Net of Issue Costs)	335,000,000	0	0	0	0	0
Program Administration (2)	27,792,073	40,864	0	76,850	372,195	489,909
TOTALS	<u>\$1,156,520,736</u>	<u>\$ 40,864</u>	<u>\$ 5,730,848</u>	<u>\$ 10,655,608</u>	<u>\$ 8,034,164</u>	<u>\$ 24,461,484</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, 2023

RECIPIENT NAME	LOAN NUMBER	PROJECT NAME	AMOUNT OF ASSISTANCE	PRINCIPAL FORGIVENESS	INTEREST RATE	MHI	MHI AS % OF STATE	POPULATION
Hardinsburg, City of	A23-010	Improvements	\$ 1,000,000	\$ 306,792	1.25%	\$ 47,616	113.9%	2,215
Lebanon, City of	A23-018S	City of Lebanon WWTP and Sewer System Improvements	\$ 7,660,000	\$ 3,609,038	0.50%	\$ 30,258	72.4%	6,484
								-

TOTALS

2

\$ 8,660,000 \$ 3,915,830

All subsidies were provided in the form of loan forgiveness. Either a borrower's entire service area or the project area must have a median household income not to exceed \$52,238 to be eligible for principal forgiveness under the 2023 Intended Use Plan. See "Additional Subsidization" in the IUP commentary for a detailed discussion of principal forgiveness for 2023.

EXHIBIT 5
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
LOAN COMMITMENTS WITH GREEN PROJECT RESERVE
FISCAL YEAR ENDED JUNE 30, 2023

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
Hardinsburg, City of	A23-010	Wastewater Treatment Plant and Collection System Improvements	C	\$ 1,000,000	\$ 80,000	\$ 10,000	\$ 70,000			2,215
Lebanon, City of	A23-018S	City of Lebanon WWTP and Sewer System Improvements	C	7,660,000	882,500		95,000	\$ 150,000	637,500	6,484
TOTALS	<u><u>2</u></u>			<u><u>\$ 8,660,000</u></u>	<u><u>\$ 962,500</u></u>	<u><u>\$ 10,000</u></u>	<u><u>\$ 165,000</u></u>	<u><u>\$ 150,000</u></u>	<u><u>\$ 637,500</u></u>	

EXHIBIT 6
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
TOTAL DISBURSEMENTS
FISCAL YEAR ENDED JUNE 30, 2023

PROJECT NAME	LOAN NUMBER	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
CAPITALIZATION GRANT FUNDS						
Adair County Water District	A20-016		25,000	10,010		35,010
Bedford, City of	A20-023		147,130		93,940	241,070
Burkesville, City of	A20-002			25,000		25,000
Calvert City, City of	A20-018		2,117			2,117
Dawson Springs, City of	A20-019			4,350		4,350
Elkton, City of	A19-001			169,160		169,160
Fleming-Neon, City of	A21-026			41,066		41,066
Frenchburg, City of	A21-043		114,200			114,200
Georgetown, City of	A19-009		1,157,451	2,277,416	1,727,717	5,162,585
Hopkinsville, City of	A19-003		875,159	1,133,795	1,564,445	3,573,399
La Center, City of	A19-026				25,355	25,355
Lexington Fayette Urb Co Gov	A15-026		1,974,477	3,424,395	1,999,403	7,398,276
Lincoln County Sanitation District	A20-003		232,738	92,018	25,000	349,756
Louisville Metropolitan Sewer	A19-028			1,282,303		1,282,303
Marion, City of	A18-003		473,947	413,049	634,882	1,521,878
Maysville, City of	A20-034		20,466		50,616	71,082
McCreary County Water District	A20-047		196,220	219,228		415,448
Morehead, City of	A19-032		66,240			66,240
Morehead, City of	A20-020			11,461		11,461
Mount Sterling, City of	A20-007			73,125		73,125
Mount Sterling, City of	A21-005				885,835	885,835
Paducah, City of	A18-028		165,157			165,157
Paducah-McCracken Co Joint Sew Agncy	A20-032			1,240,888		1,240,888
Providence, City of	A21-021		63,581	67,089		130,670
Sebree, City of	A20-033			51,415		51,415
Jackson, City of	A20-030		195,058		231,241	426,299

EXHIBIT 6
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
TOTAL DISBURSEMENTS
FISCAL YEAR ENDED JUNE 30, 2023

PROJECT NAME	LOAN NUMBER	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
Vanceburg, City of	A19-013		21,906	42,991	423,535	488,432
PROJECT TOTAL		\$ -	\$ 5,730,848	\$ 10,578,759	\$ 7,661,968	\$ 23,971,575
PROGRAM ADMINISTRATION		\$ 40,864	\$ -	\$ 76,850	\$ 372,195	\$ 489,909
FIRST USE TOTALS		\$ 40,864	\$ 5,730,848	\$ 10,655,608	\$ 8,034,164	\$ 24,461,484
CUMULATIVE TOTALS		\$ 40,864	\$ 5,771,712	\$ 16,427,320	\$ 24,461,484	
REPAYMENT FUNDS						
Adair County Water District	A20-016	283,146	195,489			478,636
Bedford, City of	A20-023	269,993	73,888	91,775		435,656
Burkesville, City of	A20-002	153,915				153,915
Calvert City, City of	A20-018	48,982	7,306			56,288
Dawson Springs, City of	A20-019	33,349	258,647			291,995
Eddyville, City of	A21-003	73,218				73,218
Elkton, City of	A19-001	488,831	648,952			1,137,783
Fleming-Neon, City of	A21-026	90,716				90,716
Frankfort, City of	A17-013	19,148	25,000			44,148
Frankfort, City of	A16-054	25,000				25,000
Georgetown, City of	A19-009	2,917,566	2,891,633			5,809,199
Hopkinsville, City of	A19-003	4,117,916	1,726,809			5,844,725
Kuttawa, City of	A21-024		17,580			17,580
La Center, City of	A19-026	16,516				16,516
Lewisburg, City of	A21-001	27,731	231,089			258,821
Lexington Fayette Urb Co Gov	A15-026	1,725,046	2,155,536			3,880,582
Lincoln County Sanitation District	A20-003	687,354	2,600			689,954
Marion, City of	A18-003	2,146,132	835,476		270,398	3,252,006
Maysville, City of	A20-034	255,985	22,513			278,497
McCreary County Water District	A20-047	273,273				273,273

EXHIBIT 6
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
TOTAL DISBURSEMENTS
FISCAL YEAR ENDED JUNE 30, 2023

PROJECT NAME	LOAN NUMBER	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
Morehead, City of	A20-020	70,952				70,952
Mount Sterling, City of	A20-007	123,750				123,750
Paducah, City of	A18-028	511,643	536,670			1,048,313
Paducah-McCracken Co Joint Sew Agncy	A20-032	1,879,358				1,879,358
Pineville, City of	A20-004	750,496				750,496
Providence, City of	A21-021	95,136	105,970			201,107
Richmond, City of	A19-050	452,711	1,236,224			1,688,935
Russell Springs, City of	A21-034				85,929	85,929
Sebree, City of	A20-033	34,350				34,350
Tompkinsville, City of	A19-012	41,154	370,213	130,472		541,838
Farmdale Sanitation District	A21-020	231,102	53,811			284,913
Jackson, City of	A20-030	117,006	386,383			503,389
Vanceburg, City of	A19-013	194,300	19,432			213,732
PROJECT TOTAL		\$ 18,155,771	\$ 11,801,221	\$ 222,247	\$ 356,328	\$ 30,535,567
GRAND TOTAL		\$ 18,196,636	\$ 17,532,069	\$ 10,877,855	\$ 8,390,491	\$ 54,997,051

EXHIBIT 7
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
PROPORTIONATE FEDERAL SHARE THROUGH CASH DRAWS
FISCAL YEAR ENDED JUNE 30, 2023

SELECT DISBURSEMENTS	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
FIRST ROUND	\$ -	\$ 5,730,848	\$ 10,578,759	\$ 7,661,968	\$ 23,971,575
ADMINISTRATION	40,864	0	76,850	372,195	489,909
REPAYMENT	18,155,771	11,801,221	222,247	356,328	30,535,567
REVENUE BONDS	0	0	0	0	0
TOTAL SELECT DISBURSEMENTS	\$ 18,196,636	\$ 17,532,069	\$ 10,877,855	\$ 8,390,491	\$ 54,997,051
CUMULATIVE TOTAL	\$ 18,196,636	\$ 35,728,705	\$ 46,606,560	\$ 54,997,051	
CASH DRAW FROM LINE OF CREDIT	\$ 40,864	\$ 2,785,648	\$ 8,390,408	\$ 8,034,164	\$ 19,251,084
STATE SHARE	\$ -	\$ 2,945,200	\$ 2,265,200	\$ -	\$ 5,210,400
CASH DRAWS AS % OF DISBURSEMENTS	0%	16%	77%	96%	35%

EXHIBIT 8
KENTUCKY INFRASTRUCTURE AUTHORITY
BALANCE SHEET
JUNE 30, 2023
(UNAUDITED Statement of Net Position)

ASSETS

Current assets:

Cash and cash equivalents	\$ 242,532,984
Investments, current portion	
Intergovernmental receivables	5,210,400
Accrued interest receivable, investments	987,110
Accrued interest receivable, assistance agreements	919,962
Current maturities of long-term receivables	51,545,053
Total current assets	<u>301,195,509</u>

Long-term receivables:

Assistance agreements receivable	751,751,432
Allowance for loan subsidy required by federal capitalization grants	(7,319,830)
Total long-term receivables	<u>744,431,602</u>

Total assets	<u><u>\$ 1,045,627,111</u></u>
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Deferred outflows of resources:

Pension related	\$ 320,422
Post-employment benefits other than pension	181,763
Unamortized deferred amount on refunding	1,935,059
Total deferred outflows of resources	<u><u>\$ 2,437,244</u></u>

Total assets and deferrals	<u><u>\$ 1,048,064,355</u></u>
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LIABILITIES

Current liabilities:

Current maturities of revenue bonds payable, net of unamortized premiums and discounts	\$ 17,072,893
Accrued interest payable	1,956,273
State treasury advances for capitalization grant matching funds	5,210,177
Total current liabilities	<u>24,239,343</u>

Long-term liabilities:

Revenue bonds payable, including long-term unamortized premiums	92,606,002
Net pension liability	3,003,475
Net post-employment benefits other than pension liability	511,615
Total liabilities	<u><u>\$ 120,360,435</u></u>

Deferred inflows of resources:

EXHIBIT 9
KENTUCKY INFRASTRUCTURE AUTHORITY
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN RETAINED EARNINGS
FISCAL YEAR ENDED JUNE 30, 2023
(UNAUDITED Statement of Revenues, Expenses and Changes in Net Position)

Operating revenues:

Assistance agreements:

Servicing fee	\$ 1,608,189
Interest income	11,253,678
Total operating revenues	<u>12,861,867</u>

Operating expenses:

General and administrative	1,204,580
Intergovernmental administrative expense reimbursement	309,584
Revenue bonds:	
Amortization of bond premiums	(2,567,893)
Interest - revenue bonds payable	<u>5,774,942</u>
Total operating expenses	<u>4,721,213</u>
Operating income (loss)	8,140,654

Non-operating revenues (expenses):

Investment income	7,714,869
Federal grants	19,251,084
Loan subsidy required by federal capitalization grants	(1,541,001)
Intergovernmental revenue from the Commonwealth	<u>5,210,400</u>
Total non-operating revenues	<u>30,635,352</u>
Change in net position	38,776,006
Net position, beginning of year	<u>888,729,242</u>
Net position, end of year	<u><u>\$ 927,505,248</u></u>

EXHIBIT 10
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER REVOLVING LOAN PROGRAM
REPORT OF ANNUAL LOAN REPAYMENTS
FISCAL YEAR ENDED JUNE 30, 2023

Number of Days Past Due					
Loan Number	Borrower	Total	0 - 30	31 - 120	121 & over
A16-036	Elkhorn City, City of	8,947.03	8,947.03	0.00	0.00
A06-01	Ledbetter Water District	42,291.08	42,291.08	0.00	0.00
A16-004	Mercer County Sanitation District	20,941.00	20,941.00	0.00	0.00
A12-28	Perry County Sanitation District #1	299,331.52	42,652.73	0.00	256,678.79
A19-013	Vanceburg, City of	1,064.04	1,064.04	0.00	0.00
A07-03	Whitesburg, City of	29,213.79	29,213.79	0.00	0.00
TOTALS		401,788.46	145,109.67	0.00	256,678.79

EXHIBIT 11
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
CHANGES FROM ORIGINAL 2014 INTENDED USE PLAN
FISCAL YEAR ENDED JUNE 30, 2023

Rank	Applicant	Project Name	Action
0	Marion, City of	City of Marion - New Wastewater Treatment Plant	Accepted
0	Hopkinsville Water Environment Authority	HWEA SRF Phase VIII - Expand Hammond-Wood WWTP & Interce	Accepted
1	Lewisburg, City of	Lewisburg Sewer System Upgrade	Accepted
2	Smithland, City of	Smithland Sewer Rehabilitation	Declined
3	Eddyville, City of	Wastewater SSES and Rehabilitation - South of Fairview Ave	Accepted
4	Hodgenville, City of	Hodgenville WWTP Upgrade & Wet Weather Storage	Withdrawn
5	Mount Sterling, City of	Wastewater Capacity Upgrade Project	Accepted
6	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

**KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
CHANGES FROM ORIGINAL 2014 INTENDED USE PLAN
FISCAL YEAR ENDED JUNE 30, 2023**

34	Russell Springs, City of	KY 80 Gravity Sewer Rehab Project	Accepted
35	Muldraugh, City of	Muldraugh Sewer Improvements Phase 3	Expired
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