

CLEAN WATER STATE REVOLVING FUND
SRF ANNUAL REPORT
STATE FISCAL YEAR ENDED JUNE 30, 2024

Prepared by the Commonwealth of Kentucky
For EPA Region IV



September 30, 2024

KENTUCKY CLEAN WATER SRF ANNUAL REPORT

TABLE OF CONTENTS

Title	Page
I. INTRODUCTION	1
II. EXECUTIVE SUMMARY	1
III. GOALS AND ACCOMPLISHMENTS	2
A. Short Term Goals and Accomplishments	2
B. Long Term Goals and Accomplishments	6
IV. DETAILS OF ACCOMPLISHMENTS	8
A. Fund Financial Status	8
B. Assistance Activity	9
C. Provisions of the Operating Agreement/Conditions of the Grant	10
V. PROGRAM CHANGES	12
A. Comparison with the Intended Use Plan	12
B. Modifications to Goals and Objectives	12
VI. PROPOSED AND ONGOING IMPROVEMENTS.....	12
A. MHI Determination Guidance	12
B. KIA and ACEC-KY Partnership	12
C. KIA WRIS Funding Dashboards	13
D. Short and Long-term Goals for Future IUP	14
EXHIBITS	

- Exhibit 1 Projects Receiving SRF Financial Assistance
- Exhibit 2 Binding Commitments by Quarter and Type
- Exhibit 3 Source and Allocation of SRF Funds by Quarter
- Exhibit 4 Loan Commitments with Principal Forgiveness Subsidy
- Exhibit 5 Loan Commitments with Green Project Reserve Components
- Exhibit 6 Total Disbursements
- Exhibit 7 Proportionate Federal Share through Cash Draws
- Exhibit 10 Report of Annual Loan Repayments (Aging of Accounts)
- Exhibit 11 Project Priority List Status Report

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, 2024. This report describes how Kentucky met the goals as identified in the 2024 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 \$1,201,057,236 in CWSRF first use funds (Exhibit 3) which are comprised of capitalization grants \$705,384,930, state match \$131,281,273, leverage bond proceeds \$335,000,000, and program administration \$29,391,033.

On April 4, 1989 Kentucky certified compliance with the "first use" requirement of the Clean Water Act. During SFY 2024, KIA continued to pursue expanded use activities with local officials and other agencies. All projects funded in 2024 were Section 212 Publicly Owned Treatment Works.

SFY 2024 OVERVIEW

Exhibit 1 shows that during 2024 the Commonwealth of Kentucky made twelve new binding commitments including eleven construction, one increase, and no planning & design projects for a total of \$108,407,701 to provide financial assistance for construction or improvement of wastewater treatment infrastructure projects. Six commitments totaling \$92,229,521 came from the Base program, four commitments of \$12,515,000 came from the Supplemental program, and two commitments totaling \$3,663,180 came from the Emerging Contaminants program. The average interest rate on funds committed during the year was .89%.

During 2024, twelve loans totaling \$108,407,701 were approved that were subsidized with principal forgiveness of \$17,127,869 (Exhibit 4). Seven loans containing green infrastructure components totaling \$23,056,450 were approved during 2024 (Exhibit 5).

Exhibit 6 lists total disbursements of \$42,571,623 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 2024 IUP describes ten 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 2024 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 in 2023 and has helped review and draft Assistance Agreements as well as focusing on the Build America, Buy America (BABA) 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 Bank of America Merrill Lynch, KIA's Underwriter in SFY24, staff decided to keep interest rates the same.. The expectation has been that the Federal Reserve would lower rates at some point over the past year, but that never happened. Many industry experts still expect rates to decrease during the upcoming 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 2015.

Table 1			
Historical Loan Activity			
Year	# of Loans	Commitment Dollars	Amount From Borrower Repayments
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
2024	12	108,407,701	5,498,798

2. Increase the availability, quality, and reliability of information available to stakeholder parties via the web and other electronic means.

KIA made it a priority to continuously update the agency's website with documents related to the IUP's, application documents, BABA compliance, and information related to all of KIA's funding programs. An e-mail distribution list was used to notify stakeholder parties across the state of the Call for Projects period and the completion of the IUP.

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

During the 2024 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. There has also been a heavy focus on BABA compliance and coordinating with other agencies to search for additional funding sources with the increase in project costs in recent years.

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, and the Kentucky Capital Projects and Bond Oversight Legislative Committee. KIA also spoke multiple times at the Governor's annual Local Issues Conference.

Compliance related information has been provided to each SRF borrower and reinforced during the preconstruction meetings held at the time the construction contracts are executed. A "Best Practices" document for Davis Bacon compliance and reporting has been distributed to borrowers throughout the loan process.

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 by the end of 2025; 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. Create guidance for compliance with BABA Act where applicable.

BABA compliance documentation is available on the KIA website. Several new documents related to BABA compliance were drafted by KIA staff, including a BABA handbook, the Basic Requirements of BABA, Certificate of BABA Compliance, Report of BABA Compliance, and a BABA Compliance checklist.

5. 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-three projects, four projects submitted were awarded points for these criteria and all four projects were invited for funding.

6. 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.

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

The SRF Call for Projects, project ranking, and project tracking have been integrated into the 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 have worked 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. All application documents are uploaded into the WRIS portal by KIA staff. KIA fully implemented the electronic application process in the 2020 funding cycle.

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

10. 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 allowed most states to redefine disadvantaged community with the increase in the amount of principal forgiveness that must be awarded with each new program. During SFY24 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 eight 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.

Since 2015 the Division of Water has been working with utilities on a voluntary basis to provide nutrient and energy efficiency management audits to Kentucky wastewater facilities. In July 2024, new training on nutrient optimization training was provided to DOW and EEC staff by Dr. Larry Moore in anticipation of a nutrient optimization permitting approach.

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 before work begins to instruct the borrowers on compliance with applicable rules. During the construction process, each payment is reviewed to ensure the invoices provided substantiate the amount requested. An administrative file review is conducted before the final payment is made to ensure that all required elements of the process have been satisfied. DOW participated in five pre-construction meetings.

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 discussing a plan that would potentially create a utility portal within the Water Resources Information System. The portal would 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 would 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 would be evaluated for modifications to improve user-friendly measures.

4. Analyze and implement recommendations from the Infrastructure Task Force.

The Infrastructure Task Force was a legislative committee created by the General Assembly. The committee no longer exists and this goal will be removed from future IUP's.

5. Establish a relationship with other funding agencies to coordinate project funding with multiple sources.

Inflation and increased costs for materials and labor have driven the cost of projects to levels never seen before. The demand for infrastructure funding has forced borrowers to get creative and search for different sources of financing to complete projects. To assist the borrowers, KIA coordinates with several agencies to try and access other grant and loan funds to complete the financing packages for projects.

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.
8. Administer the CWSRF to issue loans at fees commensurate with risk, such that the revolving nature of the CWSRF is assured in perpetuity.

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 \$108,407,701. Six commitments totaling \$92,229,521 came from the Base program, four commitments of \$12,515,000 came from the Supplemental program, and two commitments of \$3,663,180 came from the Emerging Contaminants program.

2. Sources and Uses of Funds

Exhibit 3 shows the first use sources and uses of SRF funds during 2024. Cumulative sources increased by \$44,536,500. Three FFY2023 capitalization grants were received in a total of \$43,346,500. State match for the year totaled \$4,562,500. Disbursements of capitalization grant and state match were \$37,223,741 for low-cost loans for eligible projects and for SRF administrative costs. Repayment funds in the amount of \$5,498,798 were disbursed for eligible projects through 2024 (See Exhibit 6).

3. Disbursements and Guarantees

Exhibit 2 shows that 2024 binding commitments were 334% of 2023 grant payments.

Exhibit 6 shows total disbursements of \$42,571,623 listed by borrower and loan number segregated between capitalization grant and repayment funds. Program administration costs of \$836,867 were also reimbursed from capitalization grants.

Exhibit 7 presents the \$42,571,623 disbursements in summary form. Approximately 2.0 percent of this amount, or \$836,867 was drawn down from the EPA for program administration costs. The State share of funds disbursed was \$4,562,500.

4. Financial Statements

The 2024 Statement of Net Position and Statement of Revenues, Expenses, and Changes in Net Position for the Clean Water State Revolving Fund of the KIA will be submitted separately upon KIA Board approval of the information. This is anticipated to occur on November 7, 2024.

5. Revenue Bond Funding

No bonds were issued in 2024.

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 eighteen 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 and loans with an "E" on the end of the number are committed from the BIL Emerging Contaminants 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 2024. 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 2024 that were eligible for subsidies. Twelve new loans totaling \$108,407,701 were approved that were subsidized with principal forgiveness of \$17,127,869. Six loans totaling \$92,229,521 with principal forgiveness of \$7,904,192 were approved from the

Base program. Four loans totaling \$12,515,000 with principal forgiveness of \$5,560,497 were approved from the Supplemental program. Two loans totaling \$3,663,180 were approved from the Emerging Contaminants program. The 2023 Base Grant required a subsidy of at least \$1,909,600 (20%) not to exceed \$3,819,200 (40%). The 2023 Supplemental Grant required a subsidy of 49%, or \$12,999,210. The 2023 Emerging Contaminants Grant required a subsidy of 100% of available loan funds, or \$2,544,580.

Exhibit 5 lists seven projects that were approved during 2024 reported against the 2023 Capitalization Grant for green infrastructure components totaling \$23,056,450. The FFY 2023 Capitalization Grant required green components equal to 10%, or \$954,800 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, 2024" 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 2024, \$41,734,756 in construction draw requests were reimbursed to CWSRF participants of which \$609,013, or 1.46%, was reimbursed to WBE contractors. Disbursements in the amount of \$1,453,587 or 3.48% 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 2024, the Commonwealth of Kentucky conducted environmental reviews on seven clean water reviews out of a total of nine 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 11 reflects the status of projects that were included in the 2024 IUP that were invited to apply for assistance. Of the 129 projects on the priority list, 15 projects were invited to apply. 14 borrowers accepted and 11 bypassed, withdrew, or declined the invitations. Borrower willingness to participate in the SRF program during 2024 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 continue to have a major impact on both project readiness and affordability.

B. Modifications of Goals and Objectives

Both short and long-term goals in the 2024 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 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.

B. KIA and ACEC-KY Partnership

In Kentucky we are fortunate to have an 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 Council of Engineering Companies.

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, trends in the construction industry, 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
- Trends in the construction industry and impacts
- Discussion of principal forgiveness
- Compliance assistance
- State loan and grant programs
- Legislative changes affecting the industry and future funding

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 2024 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, 2023 - June 30, 2024
Item Views this Period	5
Average Item Views Per Day	0.01

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, 2023 - June 30, 2024
Item Views this Period	523
Average Item Views Per Day	1.43

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, 2023 - June 30, 2024
Item Views this Period	99
Average Item Views Per Day	0.27

D. Short and Long-term Goals for Future IUP

Short and Long-Term goals will continue to be reviewed on an annual basis 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, 2024								
RECIPIENT NAME	LOAN NUMBER	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								
Louisville and Jefferson County MSD	A23-002	11,200,000	7/6/2023	5/1/2024	5/1/2026	L	1.25%	*
Richmond, City of	A23-024S	2,862,000	7/6/2023	11/1/2023	6/1/2024	L	0.50%	*
Jackson, City of	A23-025S	500,000	7/6/2023	7/1/2024	7/1/2025	L	0.50%	*
Louisville and Jefferson County MSD	A23-007E	1,118,600	8/3/2023	7/1/2023	12/31/2026	L	0.00%	*
Louisville and Jefferson County MSD	A23-007	27,783,547	12/7/2023	7/1/2023	12/31/2026	L	0.50%	*
Danville, City of	A23-014	5,626,195	2/1/2024	11/28/2024	8/28/2025	L	0.50%	*
Ashland, City of	A22-005	44,000,000	3/7/2024	8/1/2024	8/31/2026	L	1.25%	*
Providence, City of	A23-001S	6,530,000	3/7/2024	3/1/2025	3/1/2026	L	0.50%	*
Adair County Water District	A24-007	2,672,250	3/7/2024	3/1/2025	3/31/2026	L	1.25%	*
Springfield, City of	A24-016S	2,623,000	3/7/2024	1/1/2025	7/31/2026	L	0.50%	*
Hodgenville, City of	A24-122	947,529	4/11/2024	9/1/2024	2/1/2025	L	1.25%	*
Louisville and Jefferson County MSD	A23-007E	2,544,580	5/9/2024	7/1/2023	12/31/2026	L(1)	0.00%	*
Subtotal: Section 212 Base Loans		12	108,407,701	Weighted Avg: 0.89%				
PART 3: Nonpoint Source Management Program (Section 319)								
None								
TOTAL SECTION 319 LOANS		0	\$ -	0.0%				
GRAND TOTAL			\$ 108,407,701					
PART 4: National Estuary Projects - (Section 320)								
None								
PART 5: PROGRAM ADMINISTRATION			\$ 836,867					
<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, 2024

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							
Louisville and Jefferson County MSD	A23-002	\$ 11,200,000	\$ -	\$ -	\$ -	\$ 11,200,000	L
Richmond, City of	A23-024S	\$ 2,862,000	\$ -	\$ -	\$ -	\$ 2,862,000	L
Jackson, City of	A23-025S	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000	L
Louisville and Jefferson County MSD	A23-007E	\$ 1,118,600	\$ -	\$ -	\$ -	\$ 1,118,600	L
Louisville and Jefferson County MSD	A23-007	\$ -	\$ 27,783,547	\$ -	\$ -	\$ 27,783,547	L
Danville, City of	A23-014	\$ -	\$ -	\$ 5,626,195	\$ -	\$ 5,626,195	L
Ashland, City of	A22-005	\$ -	\$ -	\$ 44,000,000	\$ -	\$ 44,000,000	L
Providence, City of	A23-001S	\$ -	\$ -	\$ 6,530,000	\$ -	\$ 6,530,000	L
Adair County Water District	A24-007	\$ -	\$ -	\$ 2,672,250	\$ -	\$ 2,672,250	L
Springfield, City of	A24-016S	\$ -	\$ -	\$ 2,623,000	\$ -	\$ 2,623,000	L
Hodgenville, City of	A24-122	\$ -	\$ -	\$ -	\$ 947,529	\$ 947,529	L
Louisville and Jefferson County MSD	A23-007E	\$ -	\$ -	\$ -	\$ 2,544,580	\$ 2,544,580	L(1)
TOTAL SECTION 212 LOANS		\$ 15,680,600	\$ 27,783,547	\$ 61,451,445	\$ 3,492,109	\$ 108,407,701	

EXHIBIT 2
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
BINDING COMMITMENTS BY QUARTER
FISCAL YEAR ENDED JUNE 30, 2024

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		\$ 15,680,600	\$ 27,783,547	\$ 61,451,445	\$ 3,492,109	\$ 108,407,701	
ARRA Loans		\$ -	\$ -	\$ -	\$ -	\$ -	
GRAND TOTAL		\$ 15,680,600	\$ 27,783,547	\$ 61,451,445	\$ 3,492,109	\$ 108,407,701	
PART 4: National Estuary Projects - (Section 320)		None					
Part 5: PROGRAM ADMINISTRATION		\$ 463	\$ 319,403	\$ 431,187	\$ 85,814	\$ 836,867	
NET TOTALS		\$ 15,681,063	\$ 28,102,950	\$ 61,882,632	\$ 3,577,923	\$ 109,244,568	
CUMULATIVE TOTALS		\$ 15,681,063	\$ 43,784,013	\$ 105,666,645	\$ 109,244,568		
FEDERAL PAYMENTS - 2024		\$ 14,655,863	\$ 2,038,148	\$ 9,406,307	\$ 6,560,922	\$ 32,661,241	
CUMULATIVE FEDERAL PAYMENTS		\$ 14,655,863	\$ 16,694,011	\$ 26,100,319	\$ 32,661,241		
BINDING COMMITMENT % OF PAYMENTS		107%	262%	405%	334%		

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, 2024

CUMULATIVE SOURCES		FY 2024 DISBURSEMENTS				
	TOTAL	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
Capitalization Grants	\$ 705,384,930	\$ 14,655,400	\$ 1,718,745	\$ 8,975,120	\$ 6,475,108	\$ 31,824,373
State Matching Funds (1)	131,281,273	0	0	3,838,483	724,017	4,562,500
Revenue Bond Proceeds (Net of Issue Costs)	335,000,000	0	0	0	0	0
Program Administration (2)	29,391,033	463	319,403	431,187	85,814	836,867
TOTALS	<u>\$1,201,057,236</u>	<u>\$ 14,655,863</u>	<u>\$ 2,038,148</u>	<u>\$ 13,244,790</u>	<u>\$ 7,284,939</u>	<u>\$ 37,223,741</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, 2024

RECIPIENT NAME	LOAN NUMBER	PROJECT NAME	AMOUNT OF ASSISTANCE	PRINCIPAL FORGIVENESS	INTEREST RATE	MHI	MHI AS % OF STATE	POPULATION
Louisville and Jefferson County MSD	A23-002	Bullitt Hills WWTP, Hillview #1 WWTP, Hillview #2 WWTP & Three Pump Station Eliminations	\$ 11,200,000	\$ 306,792	1.25%	\$ 51,505	92.9%	208,357
Richmond, City of	A23-024S	Richmond - South Point Force Main and Pump Station Improvements	\$ 2,862,000	\$ 1,236,072	0.50%	\$ 39,602	71.4%	35,218
Jackson, City of	A23-025S	Jackson Sewer Rehabilitation Phase II	\$ 500,000	\$ 235,577	0.50%	\$ 31,505	56.8%	2,966
Louisville and Jefferson County MSD	A23-007E	Paddy's Run Flood Pumping Station - Capacity Improvements	\$ 1,118,600	\$ 1,118,600	0.00%	\$ 64,724	116.7%	427,768
Louisville and Jefferson County MSD	A23-007	Paddy's Run Flood Pumping Station - Capacity Improvements	\$ 27,783,547	\$ 490,867	0.50%	\$ 64,724	116.7%	427,768
Danville, City of	A23-014	Clark's Run Trunk Line Improvements Phase II	\$ 5,626,195	\$ 490,867	0.50%	\$ 44,142	79.6%	20,839
Ashland, City of	A22-005	Ashland: Enlarge Sewer Treatment Plant to Eliminate Overflows	\$ 44,000,000	\$ 5,673,937	1.25%	\$ 45,568	82.2%	21,654
Providence, City of	A23-001S	Providence Sanitary Sewer Upgrades	\$ 6,530,000	\$ 3,406,443	0.50%	\$ 44,308	79.9%	2,523
Adair County Water District	A24-007	Phase 24 Wastewater System Improvements and Upgrades	\$ 2,672,250	\$ 695,218	1.25%	\$ 45,647	82.3%	5,060
Springfield, City of	A24-016S	Springfield WWTP Sbr	\$ 2,623,000	\$ 682,405	0.50%	\$ 42,539	76.7%	2,872
Hodgenville, City of	A24-122	Hodgenville WWTP Upgrade and Modifications (Phase 1)	\$ 947,529	\$ 246,511	1.25%	\$ 53,868	97.1%	3,598
Louisville and Jefferson County MSD	A23-007E	Paddy's Run Flood Pumping Station - Capacity Improvements	\$ 2,544,580	\$ 2,544,580	0.00%	\$ 64,724	116.7%	427,768
								-

TOTALS

12

\$ 108,407,701 \$ 17,127,869

All subsidies were provided in the form of loan forgiveness. A borrower's entire service area, or some instances project service area, must have a median household income (MHI) not to exceed \$44,363 to be eligible for principal forgiveness under the 2024 Intended Use Plan. See "Additional Subsidization" in the IUP commentary for a detailed discussion of principal forgiveness for 2024.

EXHIBIT 5
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
LOAN COMMITMENTS WITH GREEN PROJECT RESERVE
FISCAL YEAR ENDED JUNE 30, 2024

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
Louisville and Jefferson County MSD	A23-002	Bullitt Hills WWTP, Hillview #1 WWTP, Hillview #2 WWTP & Three Pump Station Eliminations	C	\$ 11,200,000	\$ 10,000		\$ 10,000			
Louisville and Jefferson County MSD	A23-007E	Paddy's Run Flood Pumping Station - Capacity Improvements	C	\$ 3,663,180	\$ 82,000		\$ 82,000			
Louisville and Jefferson County MSD	A23-007	Paddy's Run Flood Pumping Station - Capacity Improvements	C	\$ 27,783,547	\$ 15,000,000			\$15,000,000		
Danville, City of	A23-014	Clark's Run Trunk Line Improvements Phase II	C	\$ 5,626,195	\$ 5,500,000		\$ 5,500,000			
Ashland, City of	A22-005	Ashland: Enlarge Sewer Treatment Plant to Eliminate Overflows	C	\$ 44,000,000	\$ 1,500,000		\$ 1,500,000			
Adair County Water District	A24-007	Phase 24 Wastewater System Improvements and Upgrades	C	\$ 2,672,250	\$ 410,000		\$ 210,000	\$ 200,000		
Hodgenville, City of	A24-122	Hodgenville WWTP Upgrade and Modifications (Phase 1)	C	\$ 947,529	\$ 554,450		\$ 554,450			
TOTALS	<u><u>7</u></u>			<u><u>\$ 95,892,701</u></u>	<u><u>\$ 23,056,450</u></u>	<u><u>\$ -</u></u>	<u><u>\$ 7,856,450</u></u>	<u><u>\$ 15,200,000</u></u>	<u><u>\$ -</u></u>	

EXHIBIT 6
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
TOTAL DISBURSEMENTS
FISCAL YEAR ENDED JUNE 30, 2024

PROJECT NAME	LOAN NUMBER	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
CAPITALIZATION GRANT FUNDS						
Calvert City, City of	A20-018	7,677				7,677
Dawson Springs, City of	A20-019		25,000			25,000
Fleming-Neon, City of	A21-026	319,332	104,490			423,822
Frankfort, City of	A21-031			1,500,000		1,500,000
Georgetown, City of	A19-009	356,050	188,478	834,021	826,775	2,205,324
Hopkinsville, City of	A19-003	1,824,843	640,514	1,197,550	1,969,354	5,632,261
Lexington Fayette Urb Co Gov	A15-026	1,365,430	236,683	1,966,507	321,088	3,889,708
Lexington Fayette Urb Co Gov	A17-005	5,446,140				5,446,140
Louisville Metropolitan Sewer	A17-028A			4,252,832	1,063,208	5,316,040
Marion, City of	A18-003	679,480	178,610	390,020	58,997	1,307,107
Maysville, City of	A20-034				34,816	34,816
McCreary County Water District	A20-047	215,816				215,816
Mount Sterling, City of	A21-005	3,439,119		2,593,220	2,241,695	8,274,034
Paducah-McCracken Co Joint Sew Agncy	A20-032				341,681	341,681
Pineville, City of	A20-004	25,000				25,000
Providence, City of	A21-021		31,750			31,750
Richmond, City of	A19-050	583,863				583,863
Sebree, City of	A20-033	224,711		7,280		231,991
South Shore, City of	A20-037				333,138	333,138
Tompkinsville, City of	A19-012	166,913		25,000		191,913
Jackson, City of	A20-030		48,748			48,748
Vanceburg, City of	A19-013	114,584		47,173	8,374	170,132

EXHIBIT 6
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
TOTAL DISBURSEMENTS
FISCAL YEAR ENDED JUNE 30, 2024

PROJECT NAME	LOAN NUMBER	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
PROJECT TOTAL		\$ 14,768,957	\$ 1,454,273	\$ 12,813,603	\$ 7,199,125	\$ 36,235,958
PROGRAM ADMINISTRATION		\$ 463	\$ 319,403	\$ 431,187	\$ 85,814	\$ 836,867
FIRST USE TOTALS		\$ 14,769,420	\$ 1,773,676	\$ 13,244,790	\$ 7,284,939	\$ 37,072,826
CUMULATIVE TOTALS		\$ 14,769,420	\$ 16,543,096	\$ 29,787,887	\$ 37,072,826	
REPAYMENT FUNDS						
Bedford, City of	A20-023		14,188			14,188
Fleming-Neon, City of	A21-026		99,669		155,210	254,879
Georgetown, City of	A19-009	80,698	880,135			960,833
Hawesville, City of	A16-059	162,073				162,073
Hopkinsville, City of	A19-003		1,300,514			1,300,514
Marion, City of	A18-003		251,960			251,960
Mount Sterling, City of	A21-005		2,469,921			2,469,921
Russell Springs, City of	A21-034	25,000				25,000
Jackson, City of	A20-030		447			447
Vanceburg, City of	A19-013		58,982			58,982
PROJECT TOTAL		\$ 267,771	\$ 5,075,817	\$ -	\$ 155,210	\$ 5,498,798
GRAND TOTAL		\$ 15,037,191	\$ 6,849,493	\$ 13,244,790	\$ 7,440,149	\$ 42,571,623

EXHIBIT 7
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
PROPORTIONATE FEDERAL SHARE THROUGH CASH DRAWS
FISCAL YEAR ENDED JUNE 30, 2024

SELECT DISBURSEMENTS	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
FIRST ROUND	\$ 14,768,957	\$ 1,454,273	\$ 12,813,603	\$ 7,199,125	\$ 36,235,958
ADMINISTRATION	463	319,403	431,187	85,814	836,867
REPAYMENT	267,771	5,075,817	0	155,210	5,498,798
REVENUE BONDS	0	0	0	0	0
TOTAL SELECT DISBURSEMENTS	\$ 15,037,191	\$ 6,849,493	\$ 13,244,790	\$ 7,440,149	\$ 42,571,623
CUMULATIVE TOTAL	\$ 15,037,191	\$ 21,886,684	\$ 35,131,474	\$ 42,571,623	
CASH DRAW FROM LINE OF CREDIT	\$ 14,655,863	\$ 2,038,148	\$ 9,406,307	\$ 6,560,922	\$ 32,661,241
STATE SHARE	\$ -	\$ -	\$ 3,838,483	\$ 724,017	\$ 4,562,500
CASH DRAWS AS % OF DISBURSEMENTS	97%	30%	71%	88%	77%

EXHIBIT 10
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER REVOLVING LOAN PROGRAM
REPORT OF ANNUAL LOAN REPAYMENTS
FISCAL YEAR ENDED JUNE 30, 2024

Number of Days Past Due					
Loan Number	Borrower	Total	0 - 30	31 - 120	121 & over
A06-01	Ledbetter Water District	37,485.14	37,485.14		
A12-28	Perry County Sanitation District #1	42,869.66			42,869.66
A12-28	Perry County Sanitation District #1	42,833.95			42,833.95
A12-28	Perry County Sanitation District #1	42,798.07			42,798.07
A12-28	Perry County Sanitation District #1	42,762.01			42,762.01
A12-28	Perry County Sanitation District #1	42,725.76			42,725.76
A12-28	Perry County Sanitation District #1	42,689.34			42,689.34
A12-28	Perry County Sanitation District #1	42,652.73			42,652.73
A12-28	Perry County Sanitation District #1	42,615.94			42,615.94
A12-28	Perry County Sanitation District #1	42,578.97			42,578.97
A16-077	Salysersville, City of	3,371.16			3,371.16
A02-08	Salysersville, City of	10,637.04			10,637.04
A02-08	Salysersville, City of	10,637.04		10,637.04	
A16-077	Salysersville, City of	3,371.16		3,371.16	
A16-077	Salysersville, City of	3,371.16		3,371.16	
A02-08	Salysersville, City of	10,637.04		10,637.04	
A16-077	Salysersville, City of	3,371.16	3,371.16		
A02-08	Salysersville, City of	10,637.04	10,637.04		
TOTALS		478,044.37	51,493.34	28,016.40	398,534.63

EXHIBIT 11
KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
CHANGES FROM ORIGINAL 2014 INTENDED USE PLAN
FISCAL YEAR ENDED JUNE 30, 2024

Rank	Applicant	Project Name	Action
0	Lexington-Fayette Urban County Government	LFUCG - Town Branch WWTP Flow Equalization Storage Tanks	N/A
1	Lebanon, City of	2022 Wastewater System Improvements	Accepted
2	Louisville and Jefferson County MSD	Paddy's Run Flood Pumping Station - Capacity Improvements	Accepted
3	Clark County Sanitation District	Clark Co SD - Rockwell Road Sanitary Sewer Improvements	Accepted
4	Greenville Utilities Commission	Greenville - WWTP Improvements Project	Accepted
4	Greenville Utilities Commission	Greenville - WWTP Improvements Project	Accepted
5	Louisville and Jefferson County MSD	Pump Station Reliability & Safety Rehabilitation	Withdrawn
6	Maysville, City of	Maysville LTCP - Pump Station Upgrades	Withdrawn
7	Adair County Water District	Phase 24 Wastewater System Improvements and Upgrades	Accepted
8	Ashland, City of	Ashland: Enlarge Sewer Treatment Plant to Eliminate Overflows	Bypassed
9	Beattyville, City of	Sewer Lift Station Rehabilitation	Declined
10	Benham, City of	City of Benham Rehabilitation	Accepted
11	Danville, City of	Danville Spears Creek Lift Station and Force Main Improvements	Bypassed
12	Liberty, City of	2023 Wastewater System Rehabilitation	Accepted
13	Whitesburg, City of	Whitesburg I&I Phase I	Declined
14	Princeton Water & Wastewater Commission	Princeton - WWTP Improvements-Grit Chamber and Sludge Holding Tank	Accepted
15	Whitesburg, City of	Whitesburg Wastewater Treatment Plant Upgrade Project	Declined
16	Springfield Water and Sewer Commission	Springfield WWTP SBR	Accepted
17	Beattyville, City of	Beattyville Sewer Replacement Project Phase 2	Declined
18	Louisville and Jefferson County MSD	Bullitt County Collection System Rehabilitation	Bypassed
19	Farmdale Sanitation District	Farmdale SD Interceptor Sewer System Phase I	Bypassed
20	Sturgis, City of	Sturgis Wastewater Treatment Plant Upgrade	Accepted
21	Shepherdsville, City of	Shepherdsville WWTP Improvements and Hydraulic Expansion	Accepted
22	Danville, City of	Danville Bluegrass Estates-Weisiger Project	Bypassed
23	Paducah McCracken County Joint Sewer Agency	LTCP Project #3 Phase 2	Accepted
24	Louisville and Jefferson County MSD	Western Outfall - Large Diameter Sewer Rehabilitation	N/A
25	Powell's Valley Water District	2020 Natural Bridge State Park Sewer Project	N/A
26	Louisville and Jefferson County MSD	Oldham County - KSR WWTP Expansion & WWTP Elimination	N/A
27	Mercer County Sanitation District	M C S D - Gwinn Island Road Sanitary Sewer Extension	N/A
28	Henderson Water Utility	Sand Lane - Sewer Pump Station	N/A
29	Edmonton, City of	City of Edmonton - New Wastewater Treatment Plant	N/A
30	Edmonton, City of	WWTP Wet Weather Retention Improvements	N/A
31	Frankfort, City of	FSD Prevention Park Pump Station Replacement	N/A
32	Beattyville, City of	Wastewater Treatment Plant Rehab	N/A
33	Cloverport, City of	Cloverport Wastewater Plant	N/A

**KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
CHANGES FROM ORIGINAL 2014 INTENDED USE PLAN
FISCAL YEAR ENDED JUNE 30, 2024**

34	Louisa, City of	Louisa: Wastewater Treatment Plant	N/A
35	Adairville, City of	Adairville Wastewater Treatment Plant Modifications and Improvements	N/A
36	Leitchfield Utility Commission	Leitchfield Wastewater Plant	N/A
37	Cadiz, City of	Cadiz - Sewer System Rehabilitation Project	N/A
38	Morganfield, City of	Morganfield WWTP Rehabilitation & Expansion Project	N/A
39	Lincoln County Sanitation District	Lincoln County Sanitation District Phase 3 Us 127 Corridor Sanit	N/A
40	Henderson Water Utility	Atkinson Park Sewershed - Sewer Pump Station	N/A
41	Shepherdsville, City of	Blue Lick Road Drainage & Sanitary Sewer Improvement Project	N/A
42	Kuttawa, City of	Kuttawa - Lift Station Rehabilitation	N/A
43	Campton, City of	Campton Sewer Rehabilitation Project	N/A
44	Jenkins, City of	Jenkins I&I Replacement Project - Phase 2	N/A
45	Danville, City of	Danville - Wastewater Treatment Plant Improvements Phase 2	N/A
46	Gamaliel, City of	Gamaliel Wastewater Overhaul	N/A
47	Henderson Water Utility	Atkinson Park Sewershed - Sewer Force Main	N/A
48	Guthrie, City of	Guthrie - WWTP Expansion	N/A
49	Hopkinsville Water Environment Authority	HWEA - Oak Grove Wastewater Treatment Plant Expansion - Construction	N/A
50	Scottsville, City of	Scottsville - Inflow and Infiltration Project - Phase 1	N/A
51	Henderson Water Utility	NWWTP Biosolids Reduction Upgrade - Screw Press Installation	N/A
52	Smithland, City of	Smithland Sewer Rehabilitation	N/A
53	West Liberty, City of	I&I Reduction and Sewer Line Replacement Project	N/A
54	Booneville, City of	Booneville Sewer Force Main Re-Direction Project	N/A
55	Paris, City of	Paris WWTP Improvements and Hydraulic Expansion	N/A
56	Scottsville, City of	City of Scottsville - Pump Station Replacement Project	N/A
57	Fleming-Neon, City of	Haymond Force Main Replacement Project	N/A
58	Kuttawa, City of	Kuttawa - US 62 & WWTP Influent Lift Station Improvements	N/A
59	Booneville, City of	Booneville I&I Replacement Project - Phase 2	N/A
60	Grant County Sanitary Sewer District	Wastewater Treatment Plant Upgrade	N/A
61	Ledbetter Sanitation District	Ledbetter - Sewer Rehabilitation & Lift Station Improvements	N/A
62	Providence, City of	Providence Wastewater Treatment Plant Expansion	N/A
63	Northern Madison County Sanitation District	NMCSD - Madison Village Collection System Rehab	N/A
64	Benton, City of	WWTP Wet Weather Flow Abatement	N/A
65	Albany, City of	Albany WWTP Replacements & Improvements	N/A
66	Mortons Gap, City of	Mortons Gap - Lift Station and Sewer Pump Improvements	N/A
67	Mortons Gap, City of	Mortons Gap - Sewer System Rehabilitation Project	N/A
68	Louisville and Jefferson County MSD	PFAS Monitoring Study	N/A
69	McCreary County Water District	KY 700 Sanitary Sewer Extension	N/A
70	Powell's Valley Water District	2020 Red River Destination Resort Sewer Project	N/A

**KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
CHANGES FROM ORIGINAL 2014 INTENDED USE PLAN
FISCAL YEAR ENDED JUNE 30, 2024**

71	Russellville, City of	Phase A - East Russellville Sewer System Rehab	N/A
72	Springfield Water and Sewer Commission	Springfield - Design Upgrade/Replacement of Sewer Pump Stations	N/A
73	Frankfort, City of	Mero Flood Pump Station Renewal & Mero Sanitary Pump Station	N/A
74	Calhoun, City of	Revlett Drive Sewer Line Repair	N/A
75	Wilmore, City of	Wilmore Wastewater Treatment Plant Upgrades	N/A
76	Lawrenceburg, City of	Lawrenceburg Sewer Improvements & Extension Project	N/A
77	Boyd County Sanitation District #2	SD2: System-Wide Inflow and Infiltration Abatement Project	N/A
78	Morehead, City of	MUPB - Bluestone Wastewater Line Replacement Project	N/A
79	Science Hill, City of	Science Hill Wastewater Treatment Plant Upgrades	N/A
80	Sacramento, City of	Sacramento Gravity Sewer Project	N/A
81	Regional Water Resource Agency	Dublin Tunnel Rehabilitation	N/A
82	Benham, City of	Benham WWTP Improvements	N/A
83	Clay, City of	Clay Manhole Renovation Project	N/A
84	Lancaster, City of	City of Lancaster Sanitary Sewer Extension	N/A
85	McCreary County Water District	KY 1045 Sanitary Sewer Extension	N/A
86	London Utility Commission	L U C Wastewater Treatment Plant Expansion	N/A
87	Morganfield, City of	Morganfield Combined Sewer Separation Project Phase 3	N/A
88	Benton, City of	PHASE IV SSES & REHABILITATION	N/A
89	Bardstown, City of	Bardstown Downtown Sewer Line Improvements Phase 2	N/A
90	Morgantown, City of	Dairy Queen Lift Station Replacement	N/A
91	Morgantown, City of	Chad Johnson Lift Station Relocation	N/A
92	Olive Hill, City of	Olive Hill Sewer System Rehab	N/A
93	Garrard Co Sanitation District	GCSD - Phase II - Paint Lick Sewer Project	N/A
94	Danville, City of	Perryville Wastewater Treatment Plant Upgrades Phase II	N/A
95	Bardstown, City of	Town Creek WWTP Reactor & Clarifier Upgrade	N/A
96	Bardstown, City of	Bardstown Withrow Creek Lift Station Improvements	N/A
97	Warren County Water District	Southwest Parkway Interceptor	N/A
98	Warren County Water District	WCWD- Basil Griffin Park Lift Station, Phase 2	N/A
99	Morgantown, City of	Jones Lift Station Replacement	N/A
100	Madisonville Municipal Utilities	Madisonville - Noel Avenue Interceptor Phases 3 & 4	N/A
101	Munfordville, City of	Piping for Wastewater Plant	N/A
102	Shepherdsville, City of	Shepherdsville Sewer PFAS Monitoring Project	N/A
103	Smithland, City of	Smithland Lagoon Rehabilitation Project	N/A
104	Benton, City of	WWTP AERATION IMPROVEMENTS	N/A
105	Regional Water Resource Agency	West 5th Street & Worthington Road Area Gravity Sewer Extension	N/A
106	Northern Madison County Sanitation District	NMCSD - Muddy Creek WWTP Expansion	N/A
107	Jenkins, City of	Raven Rock Sewer Extension Project	N/A

**KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM
CHANGES FROM ORIGINAL 2014 INTENDED USE PLAN
FISCAL YEAR ENDED JUNE 30, 2024**

108	Albany, City of	Albany Bypass Sewer System Extension	N/A
109	Trenton, City of	Trenton - Wastewater Treatment Plant Improvements Project	N/A
110	Richmond, City of	Richmond - Goggins Lane Park Sewer	N/A
111	Walton, City of	City of Walton 0.5 MGD WWTP No. 2	N/A
112	Whitesville, City of	WWTP UV System	N/A
113	Bardstown, City of	Withrow Creek Upgrade	N/A
114	Mount Vernon, City of	C.C.T.V. and Manhole Inspection Project	N/A
115	Lexington-Fayette Urban County Government	LFUCG - Cooper Dr. Stormwater Improvements	N/A
116	Northern Madison County Sanitation District	NMCSD - Road Bore near Exit 97 of I-75 in Madison Co.	N/A
117	Warren County Water District	WCWD - Richpond Interceptor	N/A
118	Frankfort, City of	E.C. McManis WWTP Class A Biosolids Improvements	N/A
119	Warren County Water District	WCWD - Hunters Point Interceptor	N/A
120	Greenup County Environmental Commission	GCEC Treatment Plant Digester Addition	N/A
121	Central City Municipal Water & Sewer System	Central City - Bremen Gravity Sewer System	N/A
122	Hodgenville, City of	Hodgenville WWTP Upgrade & Modifications	Accepted
123	Kuttawa, City of	Kuttawa - Phase V SSES and Rehabilitation Project	N/A
124	Danville, City of	Danville East Main Sewer Force Main and Pump Station	N/A
125	Danville, City of	Danville Major Sewer System Rehabilitation	N/A
126	Danville, City of	Danville - Clark's Run Trunk Line Improvements Phase II	N/A
127	Danville, City of	Danville - Wastewater Treatment Plant Improvements	N/A
128	Danville, City of	Clark's Run Trunk Line Rehabilitation	N/A
129	Regional Water Resource Agency	RWRA Green Infrastructure and Energy Efficient Fleet Project	N/A