

**CLEAN WATER STATE REVOLVING FUND  
SRF ANNUAL REPORT  
STATE FISCAL YEAR ENDED JUNE 30, 2022**

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

**September 30, 2022**

# 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, 2022. This report describes how Kentucky met the goals as identified in the 2022 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 \$1,113,932,336 in CWSRF first use funds (Exhibit 3) which are comprised of capitalization grant \$631,127,010 state match \$121,508,373, leverage bond proceeds \$335,000,000, and program administration \$26,296,953.

On April 4, 1989 Kentucky certified compliance with the "first use" requirement of the Clean Water Act. During SFY 2022, KIA continued to pursue expanded use activities with local officials and other agencies. All projects funded in 2022 were Section 212 Publicly Owned Treatment Works.

### SFY 2022 OVERVIEW

Exhibit 1 shows that during 2022 the Commonwealth of Kentucky made thirteen new binding commitments including four construction, nine increases, and no planning & design projects for a total of \$44,493,277 to provide financial assistance for construction or improvement of wastewater treatment infrastructure, planning and design, and for storm water projects. The average interest rate on funds committed during the year was .53%.

During 2022, two loans totaling \$2,222,040 were approved that were subsidized with principal forgiveness of \$1,111,020 (Exhibit 4). No loans containing green infrastructure components were approved during 2022 (Exhibit 5).

Exhibit 6 lists total disbursements of \$77,095,431 from the SRF to reimburse borrowers for eligible expenditures and to fund program administration expenditures. The anticipated impact of committed projects on water quality and public health can be retrieved from the CWSRF Benefits Reporting (CBR) system database.

### III. GOALS AND ACCOMPLISHMENTS

#### A. Short-term Goals and Accomplishments

The 2022 IUP describes eight 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 2022 fiscal year, the major reorganization implemented in 2018 continued to affirm the roles and responsibilities of Regional Compliance Coordinators. Each Regional Compliance Coordinator is responsible for all loans within a defined geographic area of the state. This part of the reorganization shifted internal job duties to focus on loan compliance, loan closing procedures, and refining repayment terms. This structure also allows for a redundancy of loan processing to minimize interruptions when an employee leaves the KIA. A new Deputy Executive Director, Milward Dedman, was appointed to oversee KIA operations.

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

Table 1 reflects ten years of loan activity since 2013.

<b>Table 1</b>			
<b>Historical Loan Activity</b>			
<b>Year</b>	<b># of Loans</b>	<b>Commitment Dollars</b>	<b>Amount From Borrower Repayments</b>
2013	12	79,757,523	37,774,490
2014	5	42,443,919	43,540,304
2015	30	127,684,713	42,122,833
2016	30	47,847,321	49,902,730
2017	25	70,634,389	79,103,081
2018	14	69,084,169	68,037,009
2019	27	99,388,301	49,278,668
2020	29	44,311,376	16,773,014

<b>Table 1</b>			
<b>Historical Loan Activity</b>			
<b>Year</b>	<b># of Loans</b>	<b>Commitment Dollars</b>	<b>Amount From Borrower Repayments</b>
2021	31	109,760,983	41,220,385
2022	13	44,493,277	53,703,528

- 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. Fifty-four of the ninety-eight projects submitted during the Call for Projects received points for green components. Seven projects received points for incorporating two or more green components, while forty-six projects incorporated one green component. The primary green category was for energy efficiency for which forty-seven of the ninety-eight (48%) projects were awarded points which is consistent with last year.

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

During the 2022 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 participated in one introductory meeting 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 ninety-eight projects, four projects submitted were awarded points for this criteria but no 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.

## **B. Long Term Goals and Accomplishments**

The IUP describes six long-term goals:

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

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

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

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

The implementation of the use of electronic communication to streamline efforts have improved for the call for projects, bypassing procedures, loan applications, change orders, and draw requests. The existing priority ranking system is evaluated annually to target the major environmental

needs of the State with an emphasis on the applicant's readiness to proceed. The data collected in the WRIS is available as a tool in determining project rankings.

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

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

4. Analyze and implement recommendations from the Infrastructure Task Force.
5. Establish a relationship with other funding agencies to coordinate project funding with multiple sources.
6. Identify priority watersheds and reach out to the municipalities for project development and funding assistance.

#### **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 \$44,493,277.

2. Sources and Uses of Funds

Exhibit 3 shows the first use sources and uses of SRF funds during 2022. Cumulative sources increased by \$24,267,600 representing the FFY 2021 Capitalization Grant of \$20,223,000 and the State Match of \$4,044,600. Disbursements of capitalization grant and state match were \$24,482,794 for low cost loans for eligible projects and for SRF administrative costs. Repayment funds in the amount of \$53,703,528 were disbursed for eligible projects through 2022 (See Exhibit 6).

### 3. Disbursements and Guarantees

Exhibit 2 shows that 2022 binding commitments were 223% of 2022 grant payments.

Exhibit 6 shows total disbursements of \$77,095,431 listed by borrower and loan number segregated between capitalization grant and repayment funds. Program administration costs of \$1,024,114 were also reimbursed from capitalization grants.

Exhibit 7 presents the \$77,095,431 disbursements in summary form. Approximately 1.3 percent of this amount, or \$1,024,114 was drawn down from the EPA for program administration costs. The State share of funds disbursed was \$4,044,600.

### 4. Financial Statements

The 2022 Statement of Net Position and Statement of Revenues, Expenses, and Changes in Net Position for the Clean Water State Revolving Fund of the Kentucky Infrastructure Authority will be submitted separately upon KIA Board approval of the information, anticipated on November 4, 2022.

### 5. Revenue Bond Funding

No bonds were issued in 2022.

### 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 three 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 13 projects;
- Part 3 Nonpoint Source Management Program shows no projects;
- Part 4 National Estuary Projects shows no projects;
- Part 5 reports the program administration expenditures.

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

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

Exhibit 3 illustrates the source and allocation of first use funds through 2022. 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 2022 that were eligible for subsidies. Two new loans totaling \$2,222,040 were approved that were subsidized with principal forgiveness of \$1,111,020. The 2021 Grant required a subsidy of at least \$2,022,300 (10%) not to exceed \$6,066,900 (30%).

Exhibit 5 lists no projects were approved during 2022 reported against the 2021 Capitalization Grant for green infrastructure components. The FFY 2021 Capitalization Grant required green components equal to 10%, or \$2,022,300 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, 2022" 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 2022, \$69,212,325.95 in construction draw requests was reimbursed to CWSRF participants of which \$980,207, or 1.42%, was reimbursed to WBE contractors. Disbursements in the amount of \$1,359,029 or 1.96% 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 2022, the Commonwealth of Kentucky conducted environmental reviews on eighteen funded Section 212 and Section 319 projects (some loans contained more than one project) in accordance with the State Environmental Review Process (SERP).

10. Quarterly Disbursement Schedule/Commitment

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

**V. PROGRAM CHANGES**

**A. Comparison with the Intended Use Plan**

Exhibit 3 reflects the status of projects that were included in the 2022 IUP that were invited to apply for assistance. Of the 98 projects on the priority list, 52 projects, including 2 projects qualified for multi-year funding and 4 projects with previously approved planning and design loans, were invited to apply. Five borrowers accepted and 5 bypassed, withdrew, or declined the invitations. Borrower willingness to participate in the SRF program during 2022 was affected by the general state of the economy, principal forgiveness, and resistance to raise rates to service additional debt. Due to constraints from the COVID-19 pandemic, KIA has made an exception to carry forward 2 invitations into the 2023 IUP.

**B. Modifications of Goals and Objectives**

Both short and long-term goals in the 2022 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 points) to calculate the MHI based on 5-year American Community Survey census tract MHI estimates. The IS is modeled after Kentucky's Community Development Block Group program guidance. The DWPA is calculated for all projects in the WRIS Portal and is considered the primary MHI determination methodology; however, if the DWPA is insufficient, applicants may collaborate with KIA staff to select the MWPA or IS as an alternative.

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

## **B. WRIS Work Group**

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

A WRIS Work Group was formed in 2018 to initiate the redesign of the WRIS Portal to support more planning and project development functionality in the WRIS Portal. The primary goals of the WRIS Work Group are to identify the strategies that will improve the integrity of the data in the WRIS, improve the functionality of the WRIS Portal for local, regional, and state users, and improve collaboration between water and sewer stakeholders across the state. During 2022, the Work Group did not meet but the KIA is still implementing recommendations from the Work Group.

## **C. KIA and ACEC-KY Partnership**

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

Society of Consulting Engineers.

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

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

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

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

Moving into the 2022 – 2023 year, the KIA leadership is solidly in place. The ACEC Executive Director is new, Russ Romine has reassumed leadership of the organization, and Chris Stewart will be heading up the ACEC/KIA coordination for ACEC.

#### **D. KIA WRIS Funding Dashboards**

The WRIS Funding Dashboards were created as a proof of concept 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 2022 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, 2021 - June 30, 2022
Item Views this Period	930
Average Item Views Per Day	2.55

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, 2021 - June 30, 2022
Item Views this Period	157
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	179
Average Item Views Per Day	0.49

**E. Short and Long-term Goals for Future IUP**

The 2022 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, 2022**

RECIPIENT NAME	LOAN NUMBER	ENFORCEMENT REQUIREMENTS	AMOUNT OF ASSISTANCE	BINDING COMMITMENT DATE(S)	ESTIMATED CONSTRUCTION START DATE	INITIATION OF OPERATION DATE	TYPE OF ASSISTANCE	INTEREST RATE	LOAN MATURE
<b>PART 1: Kentucky Certified first use: Requirements 4/4/89</b>									
None									
<b>PART 2: Other Section 212 Publicly Owned Treatment Works</b>									
Louisville & Jefferson County MSD	A17-028	C	1,100,000	07/01/2021	01/31/2022	12/30/2022	L(1)	1.75%	*
Beford, City of	A20-023	C	196,795	07/01/2021	06/15/2021	03/15/2022	L(1)	0.50%	*
Louisville & Jefferson County MSD	A20-040	C	2,944,345	07/01/2021	01/30/2022	09/30/2022	L	1.00%	*
Paintsville, City of	A21-007	C	1,500,000	08/05/2021	01/02/2022	01/02/2023	L	0.25%	*
Somerset, City of	A21-044	S	4,500,000	08/05/2021	03/30/2022	01/31/2023	L	0.25%	*
Louisa, City of	A19-002	S	150,000	08/05/2021	01/19/2021	03/26/2021	L(1)	0.50%	*
Calvert City, City of	A20-018	S	276,933	08/05/2021	08/01/2021	04/30/2022	L(1)	1.50%	*
Hopkinsville, City of	A19-003	C	16,000,000	09/23/2021	06/01/2020	06/01/2024	L(1)	0.50%	*
Sebree, City of	A20-033	C	1,153,164	09/23/2021	09/01/2021	03/29/2022	L(1)	0.50%	*
Elkton, City of	A19-001	C	200,000	09/23/2021	11/01/2021	04/29/2022	L(1)	0.50%	*
Paducah, City of	A18-028	F	750,000	11/04/2021	02/09/2028	06/01/2023	L(1)	0.50%	*
Hopkinsville, City of	A19-003	S	15,000,000	06/02/2022	06/01/2020	09/01/2023	L(1)	0.50%	*
Frenchburg, City of	A22-004	C	722,040	06/02/2022	01/01/2023	12/01/2023	L	0.25%	*
<b>Subtotal: Section 212 Base Loans</b>	<b>13</b>		<b>44,493,277</b>				<b>Weighted Avg:</b>	<b>0.53%</b>	
<b>PART 3: Nonpoint Source Management Program (Section 319)</b>									
None									
<b>TOTAL SECTION 319 LOANS</b>	<b>0</b>		<b>\$ -</b>					<b>0.0%</b>	
<b>GRAND TOTAL</b>			<b>\$ 44,493,277</b>						
<b>PART 4: National Estuary Projects - (Section 320)</b>									
None									
<b>PART 5: PROGRAM ADMINISTRATION</b>									
			<b>\$ 1,024,114</b>						
<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, 2022**

RECIPIENT NAME	LOAN NUMBER	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL	TYPE OF ASSISTANCE
<b>PART 1: Kentucky Certified "first use: Requirements 4/4/89</b>		None					
<b>PART 2: Other Section 212 Projects</b>							
Louisville & Jefferson County MSD	A17-028	\$ 1,100,000	\$ -	\$ -	\$ -	\$ 1,100,000	L(1)
Beford, City of	A20-023	\$ 196,795	\$ -	\$ -	\$ -	\$ 196,795	L(1)
Louisville & Jefferson County MSD	A20-040	\$ 2,944,345	\$ -	\$ -	\$ -	\$ 2,944,345	L
Paintsville, City of	A21-007	\$ 1,500,000	\$ -	\$ -	\$ -	\$ 1,500,000	L
Somerset, City of	A21-044	\$ 4,500,000	\$ -	\$ -	\$ -	\$ 4,500,000	L
Louisa, City of	A19-002	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000	L(1)
Calvert City, City of	A20-018	\$ 276,933	\$ -	\$ -	\$ -	\$ 276,933	L(1)
Hopkinsville, City of	A19-003	\$ 16,000,000	\$ -	\$ -	\$ -	\$ 16,000,000	L(1)
Sebree, City of	A20-033	\$ 1,153,164	\$ -	\$ -	\$ -	\$ 1,153,164	L(1)
Elkton, City of	A19-001	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000	L(1)
Paducah, City of	A18-028	\$ -	\$ 750,000	\$ -	\$ -	\$ 750,000	L(1)
Hopkinsville, City of	A19-003	\$ -	\$ -	\$ -	\$ 15,000,000	\$ 15,000,000	L(1)
Frenchburg, City of	A22-004	\$ -	\$ -	\$ -	\$ 722,040	\$ 722,040	L
<b>TOTAL SECTION 212 LOANS</b>		<b>\$ 28,021,237</b>	<b>\$ 750,000</b>	<b>\$ -</b>	<b>\$ 15,722,040</b>	<b>\$ 44,493,277</b>	

**EXHIBIT 2**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM**  
**BINDING COMMITMENTS BY QUARTER**  
**FISCAL YEAR ENDED JUNE 30, 2022**

RECIPIENT NAME	LOAN NUMBER	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL	TYPE OF ASSISTANCE
<b>Part 3: Nonpoint Source Projects (Section 319)</b>		None					
<b>Subtotal: Section 319 Base Loans</b>		\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Subtotal: Section 319 ARRA Loans</b>		\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL SECTION 319 LOANS</b>		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	
<b>PROJECT GRAND TOTALS</b>							
Base Loans		\$ 28,021,237	\$ 750,000	\$ -	\$ 15,722,040	\$ 44,493,277	
ARRA Loans		\$ -	\$ -	\$ -	\$ -	\$ -	
<b>GRAND TOTAL</b>		<u>\$ 28,021,237</u>	<u>\$ 750,000</u>	<u>\$ -</u>	<u>\$ 15,722,040</u>	<u>\$ 44,493,277</u>	
<b>PART 4: National Estuary Projects - (Section 320)</b>		None					
<b>Part 5: PROGRAM ADMINISTRATION</b>		\$ 90,667	\$ 248,659	\$ 450,388	\$ 234,401	\$ 1,024,114	
<b>NET TOTALS</b>		\$ 28,111,904	\$ 998,659	\$ 450,388	\$ 15,956,441	\$ 45,517,391	
<b>CUMULATIVE TOTALS</b>		\$ 28,111,904	\$ 29,110,562	\$ 29,560,950	\$ 45,517,391		
<b>FEDERAL PAYMENTS - 2022</b>		\$ 90,667	\$ 248,659	\$ 9,830,744	\$ 10,268,125	\$ 20,438,194	
<b>CUMULATIVE FEDERAL PAYMENTS</b>		\$ 90,667	\$ 339,325	\$ 10,170,069	\$ 20,438,194		
<b>BINDING COMMITMENT % OF PAYMENTS</b>		N/A	8579%	291%	223%		

**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, 2022**

<b>CUMULATIVE SOURCES</b>		<b>FY 2022 DISBURSEMENTS</b>				
	<b>TOTAL</b>	<b>QUARTER 1</b>	<b>QUARTER 2</b>	<b>QUARTER 3</b>	<b>QUARTER 4</b>	<b>TOTAL</b>
Capitalization Grants	\$ 631,127,010			\$ 9,380,356	\$ 10,033,724	19,414,080
State Matching Funds (1)	121,508,373			4,044,531	69	4,044,600
Revenue Bond Proceeds (Net of Issue Costs)	335,000,000					0
Program Administration (2)	26,296,953	90,667	248,659	450,388	234,401	1,024,114
<b>TOTALS</b>	<b><u>\$1,113,932,336</u></b>	<b><u>\$ 90,667</u></b>	<b><u>\$ 248,659</u></b>	<b><u>\$ 13,875,275</u></b>	<b><u>\$ 10,268,194</u></b>	<b><u>\$ 24,482,794</u></b>

(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, 2022**

RECIPIENT NAME	LOAN NUMBER	PROJECT NAME	AMOUNT OF ASSISTANCE	PRINCIPAL FORGIVENESS	INTEREST RATE	MHI	MHI AS % OF STATE	POPULATION
Paintsville, City of	A21-007	KY Hwy 23 Sewer Extension	\$ 1,500,000	\$ 750,000	0.25%	\$ 35,333	87.3%	8,241
Frenchburg, City of	A22-004	City of Frenchburg Wastewater Collection System Rehab	\$ 722,040	\$ 361,020	0.25%	\$ 35,575	87.9%	805

**TOTALS** 2 \$ 2,222,040 \$ 1,111,020

All subsidies were provided in the form of loan forgiveness. A borrower's entire service area must have a median household income (MHI) not to exceed \$40,471 to be eligible for principal forgiveness under the 2022 Intended Use Plan. See "Additional Subsidization" in the IUP commentary for a detailed discussion of principal forgiveness for 2022.

**EXHIBIT 5**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM**  
**LOAN COMMITMENTS WITH GREEN PROJECT RESERVE**  
**FISCAL YEAR ENDED JUNE 30, 2022**

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
None										
<b>TOTALS</b>	<u>0</u>			<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>-</u>

**EXHIBIT 6**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM**  
**TOTAL DISBURSEMENTS**  
**FISCAL YEAR ENDED JUNE 30, 2022**

PROJECT NAME	LOAN NUMBER	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
<b>CAPITALIZATION GRANT FUNDS</b>						
Adair County Water District	A20-016			285,137	7,037	292,175
Burkesville, City of	A20-002			761,994	532,994	1,294,988
Calvert City, City of	A20-018			268,633	151,067	419,699
Dawson Springs, City of	A20-019			32,697	182,384	215,080
Eddyville, City of	A21-003			228,529	41,972	270,501
Elkton, City of	A19-001			183,587	486,084	669,671
Fleming-Neon, City of	A21-026			47,731	180,908	228,639
Frankfort, City of	A17-013			17,460		17,460
Frankfort, City of	A17-021				873	873
Frenchburg, City of	A21-043			34,850		34,850
Georgetown, City of	A19-009			535,955	1,851,062	2,387,017
Hopkinsville, City of	A19-003			1,648,926		1,648,926
Kuttawa, City of	A21-024			65,925	22,260	88,185
La Grange Utilities Commission	A18-016				25,000	25,000
Lewisburg, City of	A21-001			62,546		62,546
Lexington Fayette Urb Co Gov	A15-026			567,581		567,581
Lincoln County Sanitation District	A20-003			522,725	354,523	877,248
Louisa, City of	A19-002			56,532		56,532
Louisville Metropolitan Sewer	A19-015			539,047		539,047
Marion, City of	A18-003			1,328,384	1,335,280	2,663,664
Maysville, City of	A20-034			61,391		61,391
McCreary County Water District	A20-047			225,273	238,066	463,339
Morehead, City of	A20-020			207,063	446,596	653,659
Murray, City of	A12-12			42,765		42,765
Northern Madison County San. Dist.	A20-049			27,145	25,000	52,145
Paducah, City of	A18-028				758,678	758,678
Paducah-McCracken Co Joint Sew Agency	A20-032			3,426,402		3,426,402
Pineville, City of	A20-004				1,495,157	1,495,157

**EXHIBIT 6**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM**  
**TOTAL DISBURSEMENTS**  
**FISCAL YEAR ENDED JUNE 30, 2022**

PROJECT NAME	LOAN NUMBER	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
Providence, City of	A21-021			30,500		30,500
Richmond, City of	A19-050			1,483,175	491,816	1,974,991
Russell Springs, City of	A21-034				149,600	149,600
Sebree, City of	A20-033			567,859	155,590	723,449
Tompkinsville, City of	A19-012			165,074	10,956	176,030
<b>PROJECT TOTAL</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ 13,424,887</b>	<b>\$ 8,942,902</b>	<b>\$ 22,367,789</b>
<b>PROGRAM ADMINISTRATION</b>		<b>\$ 90,667</b>	<b>\$ 248,659</b>	<b>\$ 450,388</b>	<b>\$ 234,401</b>	<b>\$ 1,024,114</b>
<b>FIRST USE TOTALS</b>		<b>\$ 90,667</b>	<b>\$ 248,659</b>	<b>\$ 13,875,275</b>	<b>\$ 9,177,303</b>	<b>\$ 23,391,903</b>
<b>CUMULATIVE TOTALS</b>		<b>\$ 90,667</b>	<b>\$ 339,325</b>	<b>\$ 14,214,600</b>	<b>\$ 23,391,903</b>	
<b>REPAYMENT FUNDS</b>						
Adair County Water District	A20-016	291,564	464,564	219,574	153,481	1,129,183
Augusta Regional Sewer Authority	A17-001	346,742				346,742
Bardstown, City of	A19-047	580,380	329,405			909,786
Bedford, City of	A20-023				415,381	415,381
Burkesville, City of	A20-002	435,429	631,563		10,000	1,076,993
Calvert City, City of	A20-018	707,007	509,034	448,248	112,938	1,777,226
Dawson Springs, City of	A20-019		445,090		12,796	457,886
Eddyville, City of	A21-003	350,611	864,703	174,383	81,014	1,470,710
Elkton, City of	A19-001	107,492	239,284		69,081	415,858
Frankfort, City of	A15-095		2,475			2,475
Frankfort, City of	A17-013	25,488			165,082	190,570
Frankfort, City of	A17-021	66,373	289,247			355,620
Frenchburg, City of	A21-043		74,600			74,600
Georgetown, City of	A19-009		1,553,632	888,660	1,159,394	3,601,687
Hawesville, City of	A16-059		22,500			22,500
Hopkinsville, City of	A19-003	2,532,220	5,955,379	1,004,314	3,066,273	12,558,186

**EXHIBIT 6**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM**  
**TOTAL DISBURSEMENTS**  
**FISCAL YEAR ENDED JUNE 30, 2022**

<b>PROJECT NAME</b>	<b>LOAN NUMBER</b>	<b>QUARTER 1</b>	<b>QUARTER 2</b>	<b>QUARTER 3</b>	<b>QUARTER 4</b>	<b>TOTAL</b>
Kuttawa, City of	A21-024			117,235		117,235
La Center, City of	A19-026	51,026				51,026
La Grange Utilities Commission	A18-016	83,086	32,470			115,556
Lewisburg, City of	A21-001		182,227			182,227
Lexington Fayette Urb Co Gov	A15-026	207,718			994,772	1,202,490
Lincoln County Sanitation District	A19-048	15,000				15,000
Lincoln County Sanitation District	A20-003	113,457	514,730	368,786	219,203	1,216,177
Louisa, City of	A19-002			226,127		226,127
Louisville Metropolitan Sewer	A19-015			2,156,188		2,156,188
Louisville Metropolitan Sewer	A19-028				5,129,210	5,129,210
Marion, City of	A18-003	1,010,115	1,464,058	1,026,572	297,817	3,798,563
Maysville, City of	A20-034	73,529				73,529
McCreary County Water District	A20-047	785,654	461,200	228,903	122,127	1,597,883
Morehead, City of	A19-032	187,108	5,208			192,316
Mount Sterling, City of	A20-007	64,125				64,125
Northern Madison County San. Dist.	A20-049	156,814	103,450			260,264
Paducah, City of	A18-028	839,371	1,862,612			2,701,983
Paducah-McCracken Co Joint Sew Agncy	A19-039		254,193			254,193
Paducah-McCracken Co Joint Sew Agncy	A19-044	2,265,159	203,150			2,468,309
Pineville, City of	A20-004				183,347	183,347
Providence, City of	A21-021		50,500		40,500	91,000
Regional Water Resource Agency	A15-002		34,128			34,128
Richmond, City of	A19-050	1,928,486	3,065,272		541,869	5,535,627
Russell Springs, City of	A21-034				301,026	301,026
Russell, City of	A20-031		121,953			121,953
Sebree, City of	A20-033				8,455	8,455
Tompkinsville, City of	A19-012		796,578		3,611	800,189
<b>PROJECT TOTAL</b>		<b>\$ 13,223,956</b>	<b>\$ 20,533,203</b>	<b>\$ 6,858,991</b>	<b>\$ 13,087,378</b>	<b>\$ 53,703,528</b>
<b>GRAND TOTAL</b>		<b>\$ 13,314,622</b>	<b>\$ 20,781,862</b>	<b>\$ 20,734,266</b>	<b>\$ 22,264,681</b>	<b>\$ 77,095,431</b>

**EXHIBIT 7**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM**  
**PROPORTIONATE FEDERAL SHARE THROUGH CASH DRAWS**  
**FISCAL YEAR ENDED JUNE 30, 2022**

<b>SELECT DISBURSEMENTS</b>	<b>QUARTER 1</b>	<b>QUARTER 2</b>	<b>QUARTER 3</b>	<b>QUARTER 4</b>	<b>TOTAL</b>
FIRST ROUND	\$ -	\$ -	\$ 13,424,887	\$ 8,942,902	\$ 22,367,789
ADMINISTRATION	90,667	248,659	450,388	234,401	1,024,114
REPAYMENT	13,223,956	20,533,203	6,858,991	13,087,378	53,703,528
REVENUE BONDS	0	0	0	0	0
<b>TOTAL SELECT DISBURSEMENTS</b>	<b>\$ 13,314,622</b>	<b>\$ 20,781,862</b>	<b>\$ 20,734,266</b>	<b>\$ 22,264,681</b>	<b>\$ 77,095,431</b>
<b>CUMULATIVE TOTAL</b>	<b>\$ 13,314,622</b>	<b>\$ 34,096,484</b>	<b>\$ 54,830,750</b>	<b>\$ 77,095,431</b>	
<b>CASH DRAW FROM LINE OF CREDIT</b>	<b>\$ 90,667</b>	<b>\$ 248,659</b>	<b>\$ 9,830,744</b>	<b>\$ 10,268,125</b>	<b>\$ 20,438,194</b>
<b>STATE SHARE</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,044,531</b>	<b>\$ 69</b>	<b>\$ 4,044,600</b>
<b>CASH DRAWS AS % OF DISBURSEMENTS</b>	<b>1%</b>	<b>1%</b>	<b>47%</b>	<b>46%</b>	<b>27%</b>

**EXHIBIT 10  
KENTUCKY INFRASTRUCTURE AUTHORITY  
FEDERALLY ASSISTED WASTEWATER REVOLVING LOAN PROGRAM  
REPORT OF ANNUAL LOAN REPAYMENTS  
FISCAL YEAR ENDED JUNE 30, 2022**

**Number of Days Past Due**

<b>Loan Number</b>	<b>Borrower</b>	<b>Total</b>	<b>0 - 30</b>	<b>31 - 120</b>	<b>121 &amp; over</b>
A06-01	Ledbetter Water District	11,097.02	11,097.02		
A16-004	Mercer County Sanitation District	14,728.33	14,728.33		
A12-28	Perry County Sanitation District #1	180,321.32	36,424.90	0.00	143,896.42
	<b>TOTALS</b>	<b>206,146.67</b>	<b>62,250.25</b>	<b>0.00</b>	<b>143,896.42</b>

**EXHIBIT 11**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM**  
**CHANGES FROM ORIGINAL 2014 INTENDED USE PLAN**  
**FISCAL YEAR ENDED JUNE 30, 2022**

<b>Rank</b>	<b>Applicant</b>	<b>Project Name</b>	<b>Action</b>
0	Hopkinsville Water Environment Authority	HWEA SRF Phase VIII - Expand Hammond-Wood WWTP & Interceptor	Accepted
0	Calvert City, City of	WWTP INFLUENT LIFT STATION AND PLANT IMPROVEMENTS	N/A
1	Nicholasville, City of	Nicholasville SSES and Sewer Rehabilitation Phase I	N/A
2	Kuttawa, City of	Kuttawa - Phase V SSES and Rehabilitation Project	Accepted
3	Hodgenville, City of	Hodgenville WWTP Upgrade & Wet Weather Storage	Withdrawn
4	Frenchburg, City of	City of Frenchburg Wastewater Collection System Rehab	Accepted
5	Ashland, City of	Ashland: Enlarge Sewer Treatment Plant to Eliminate Overflows	Accepted
6	Louisville and Jefferson County MSD	Admiral Way and Fishpool Interceptor Capacity Assurance	Declined
7	Danville, City of	Danville - Wastewater Treatment Plant Improvements	Withdrawn
8	Hardin, City of	Hardin - Wastewater Rehabilitation Phase III	Accepted
9	Winchester Municipal Utilities Commission	WMU - Flanagan and Madison Outfall Sewers	N/A
10	Lexington-Fayette Urban County Government	West Hickman WWTP Wet Weather Storage Tanks - Phase 2	N/A
11	Louisville and Jefferson County MSD	Lea Ann Way and Lake Forest Area Pump Station Eliminations	N/A
12	Louisville and Jefferson County MSD	Large Diameter Sewer Rehabilitation - Beargrass Interceptor Relief	N/A
13	Louisville and Jefferson County MSD	Northern Ditch Pump Station Replacement and Odor Control	N/A
14	Louisville and Jefferson County MSD	Paddy's Run Flood Pumping Station - Capacity Improvements	N/A
15	Regional Water Resource Agency	Ravine Sewer Upgrade	N/A
16	Whitesburg, City of	Whitesburg I&I Phase I	N/A
17	Paintsville Utilities Commission	Western Johnson County Sewer Extension Phase 1	N/A
18	Paintsville Utilities Commission	Western Johnson County Sewer Extension Phase 2	N/A
19	Trenton, City of	Trenton - Wastewater Treatment Plant Improvements Project	N/A
20	East Pendleton Water District	East Pendleton Water District Pump Station Elimination Project	N/A
21	Falmouth, City of	Falmouth Sanitary Sewer Rehab, Phase III	N/A
22	Boyd County Sanitation District #2	SD2: System-Wide Inflow and Infiltration Abatement Project	N/A
23	Frankfort, City of	Silverlake Pump Station Replacement	N/A
24	Catlettsburg, City of	Catlettsburg Treatment Plant and Pump Station Improvements	N/A
25	Campbellsville, City of	Campbellsville SSO Elimination Project	N/A
26	Whitesburg, City of	Whitesburg Wastewater Treatment Plant Upgrade Project	N/A
27	Falmouth, City of	Falmouth Sanitary Sewer Rehab, Phase II	N/A
28	Graves County Water District	Graves County-KY 80 North, Fancy Farm	N/A
29	Mount Washington, City of	Snapp Street Improvements	N/A
30	Greenup, City of	Greenup: Rehab Or Replacement of Collection System	N/A
31	Regional Water Resource Agency	Max Rhoads WWTP Aeration Upgrades	N/A
32	Montgomery County Sanitation District #2	Sewer Collection System Rehabilitation and WWTP Upgrades	N/A
33	Smithland, City of	Smithland Sewer Rehabilitation	N/A

**KENTUCKY INFRASTRUCTURE AUTHORITY  
 FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM  
 CHANGES FROM ORIGINAL 2014 INTENDED USE PLAN  
 FISCAL YEAR ENDED JUNE 30, 2022**

34	Regional Water Resource Agency	David Hawes WWTP Aeration Upgrades	N/A
35	Edmonton, City of	City of Edmonton - New Wastewater Treatment Plant	N/A
36	Adair County Water District	Burkesville Street Lift Station Replacement and Sanitary Sewer Exp	N/A
37	Morganfield, City of	Morganfield Job Corp Sanitary Sewer Replacement Construction Pr	N/A
38	Wurtland, City of	Wurtland System Smoke Testing	N/A
39	Shelbyville Municipal Water & Sewer Commission	New Shelbyville Wastewater Treatment Plant	N/A
40	Irvine Municipal Utilities Commission	IMU - Sweet Lick Branch Sanitary Sewer Replacement	N/A
41	Madisonville, City of	Madisonville - Noel Avenue Interceptor Project	N/A
42	Morehead, City of	MUPB - Bluestone Wastewater Line Replacement Project	N/A
43	Flatwoods, City of	City of Flatwoods I & I Study and Rehab Project	N/A
44	Frankfort, City of	City of Frankfort/Frankfort Sewer Department-Holmes Street Contra	N/A
45	Whitesburg, City of	Whitesburg - Mayking Area Sewer Extensions Phase I	N/A
46	Booneville, City of	Booneville Pump Station Rehab Phase 2	N/A
47	Milton, City of	City of Milton Sewer Cleaning, Televising and Repair Project	N/A
48	Shepherdsville, City of	Shepherdsville Blue Lick Road Drainage & Sanitary Sewer Improve	N/A
49	Wilmore, City of	Wilmore Wastewater Collection System Rehabilitation - Phase 2	N/A
50	Beattyville, City of	Sewer Lift Station Rehabilitation	N/A
51	Morgantown, City of	Morgantown - Sanitary Sewer Infiltration Project- Phase I	N/A
52	La Center, City of	City of LaCenter-I&I Reduction	N/A
53	Leitchfield Utility Commission	Leitchfield Bypass Development Lift Station and Collection	N/A
54	Hazard, City of	Hazard Sanitary Trunk Replacement Phase 2	N/A
55	Morgantown, City of	Sanitary Sewer System Rehabilitation	N/A
56	Princeton Water & Wastewater Commission	Princeton Sanitary Sewer Basins 1-9 SSES and Rehabilitation	N/A
57	Louisville and Jefferson County MSD	Floyd's Fork Interceptor	N/A
58	Paducah McCracken County Joint Sewer Agency	Sludge Press Building	N/A
59	Burnside, City of	City of Burnside - Sewer System Improvements	N/A
60	Cloverport, City of	Cloverport Wastewater Plant	N/A
61	Shelbyville Municipal Water & Sewer Commission	Shelbyville 36-Inch Gravity Sewer	N/A
62	Mount Washington, City of	Clearview Acres Sanitary Sewer Extension	N/A
63	Salyersville Water Works	Salyersville Wastewater treatment Plant Improvements	N/A
64	Franklin, City of	City of Franklin - Sewer Upgrades to Ky Downs	N/A
65	Hindman, City of	Hindman Lift Station Repair Project	N/A
66	Regional Water Resource Agency	Parkway Drive Interceptor	Withdrawn
67	Albany, City of	Albany Lift Station Renovation	N/A
68	Lancaster, City of	City of Lancaster Sanitary Sewer Extension	N/A
69	Boyd County Sanitation District #4	Boyd County Sanitation District #4 - Hatchery Road Lift Station	N/A
70	Gamaliel, City of	Gamaliel Lift Stations Rehab	N/A

**KENTUCKY INFRASTRUCTURE AUTHORITY  
 FEDERALLY ASSISTED WASTEWATER LOAN PROGRAM  
 CHANGES FROM ORIGINAL 2014 INTENDED USE PLAN  
 FISCAL YEAR ENDED JUNE 30, 2022**

71	Louisville and Jefferson County MSD	Mockingbird Valley WWTP Elimination	N/A
72	Auburn, City of	City of Auburn - Wastewater Project #2 - Replace Lift Stations	N/A
73	Sacramento, City of	Sacramento Gravity Sewer Project, Phase II	N/A
74	Cynthiana, City of	Cynthiana - Country Club Area Pump Station Replacement	N/A
75	Elizabethtown, City of	Elizabethtown: Leitchfield Rd Sewer Line Upgrades	N/A
76	Albany, City of	Albany Phase 2 Wastewater Treatment Plant Expansion & Improver	N/A
77	Morganfield, City of	Morganfield Clarifier Replacement	N/A
78	Carrollton Utilities	Angel's Envy Sanitary Sewer Extension	N/A
79	Henderson Water Utility	Biosolids Reduction - Screw Press	N/A
80	Warren County Water District	WCWD - Hidden River Interceptor	N/A
81	Smithland, City of	Smithland Lagoon Rehabilitation Project	N/A
82	Princeton Water & Wastewater Commission	Princeton - WWTP Improvements-Grit Chamber and Sludge Holding	N/A
83	Berea, City of	BMU - Madison County Airport - Sewer Line Extension Project	N/A
84	Edmonson County Water District	Edmonson County Water District - KY 259 Wastewater Collection S	N/A
85	Worthington, City of	Rehab Worthington Ave Liftstation	N/A
86	Liberty, City of	Liberty – North US 127 Collector Sewer Project	N/A
87	Hardinsburg, City of	Wastewater Treatment Plant and Collection System Improvements	N/A
88	Versailles, City of	Versailles - WWTP Improvements - Belt Filter Press Replacement	N/A
89	Edmonson County Water District	Edmonson County Water District - Collection System Phase III	N/A
90	Paducah McCracken County Joint Sewer Agency	Triple Rail Mega Park Sanitary Sewer Extension	N/A
91	Caveland Environmental Authority	Caveland Environmental - Hiseville School Sewer Project	N/A
92	Salyersville, City of	Allen Drive Lift Station	N/A
93	Bowling Green Municipal Utilities	BGMU - Emergency Generator for Jennings Creek Lift Station	N/A
94	Regional Water Resource Agency	Spring Lane Sewer Extension	Withdrawn
95	Louisa, City of	Louisa: Wastewater Treatment Plant	N/A
96	Versailles, City of	Southeast Sewer System Expansion	N/A
97	Lynch, City of	Lynch: Wastewater Rehabilitation	N/A
98	Campbellsville, City of	Wastewater Treatment Plant Flood Mitigation Project/ Sewer Line R	N/A