

**DRINKING 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 DRINKING 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. SET ASIDE ACTIVITY .....	7
A. State Program Management .....	7
B. Local Assistance and Other Programs .....	7
V. ASSISTANCE ACTIVITY .....	8
A. Fund Financial Status .....	8
B. Financial Statements .....	8
C. Revenue Bond Funding .....	8
D. Provisions of the Operating Agreement/Conditions of the Grant.....	8
VI. PROPOSED AND ONGOING IMPROVEMENTS .....	9
A. MHI Determination Guidance .....	9
B. KIA and ACEC-KY Partnership .....	10
C. KIA WRIS Funding Dashboards.....	11
ATTACHMENTS	
Attachment 1	Activities Under Section 1452(g)(2) of the Safe Drinking Water Act
Attachment 2	Activities Under Section 1452(k)(2) of the Safe Drinking Water Act
EXHIBITS	
Exhibit 1	Projects Receiving Financial Assistance
Exhibit 2	Binding Commitments by Quarter
Exhibit 3	Project Priority List Status Report
Exhibit 4	Loan Commitments with Principal Forgiveness Subsidy
Exhibit 5	Total Disbursements
Exhibit 6	Proportionate Federal Shares through Cash Draws
Exhibit 7	Financial Program Overview
Exhibit 8	Source and Allocation of SRF Funds by Quarter
Exhibit 9	Administrative and Set-Aside Disbursements
Exhibit 12	Report of Annual Loan Repayments (Aging of Accounts)

# **DWSRF ANNUAL REPORT**

## **I. INTRODUCTION**

The Commonwealth of Kentucky respectfully submits the Drinking Water State Revolving Fund (DWSRF) 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**

The Kentucky Infrastructure Authority (KIA) is the responsible agency for the DWSRF program in Kentucky. Daily program activities are administered by KIA and DOW via a Memorandum of Agreement. KIA oversees \$554,402,040 in DWSRF first use funds (Exhibit 8) which are comprised of capitalization grants \$312,952,402, state match \$56,061,840, program administration \$14,983,264, other set asides \$90,404,534, and leverage bond proceeds \$80,000,000.

Exhibit 1 shows that the Commonwealth of Kentucky made twenty-five new binding commitments, and two commitment increases for a total of \$48,848,549 to provide assistance for construction of drinking water projects during the year. Six commitments totaling \$13,966,477 came from the Base program, three commitments totaling \$20,589,245 came from the Supplemental program, seventeen commitments of \$5,702,327 came from the Lead Service Line Replacement program, and one commitment of \$8,590,500 from the Emerging Contaminants program. The average interest rate on funds committed during the year was 0.50%. Exhibit 2 reflects commitments by quarter. Exhibit 5 shows disbursements from the SRF to various recipients, program administration and other set-aside activities during 2024 totaling \$55,278,729.

In an effort to assist small systems and disadvantaged communities, KIA provided binding commitments to five small systems and twenty-seven disadvantaged communities, some of which are also small systems (Exhibit 1). Binding commitments for small systems totaled \$32,541,298 or 67% of total binding commitments. Binding commitments for disadvantaged communities totaled \$48,848,549 or 100% of total binding commitments.

During 2024 twenty-six loans totaling \$48,348,549 were approved that were subsidized with principal forgiveness of \$31,436,206 (Exhibit 4).

Since the inception of the program, the Commonwealth has issued 299 binding commitments totaling \$683,293,435. Cumulative set-asides made available from capitalization grant funds total \$105,387,798 (Exhibit 7). The program administration set-aside total \$14,983,264 while the balance of \$90,404,534 has been for technical assistance, environmental support and management (Exhibit 8).

### **III. GOALS AND ACCOMPLISHMENTS**

The primary goal of the DWSRF program is to assist public water systems (PWS) in providing safe drinking water at an affordable cost to their customers. The program offers low-cost financing to PWS for eligible drinking water infrastructure construction projects. Through set-aside funds, the DWSRF is also used to improve environmental programs that support the goals of the Safe Drinking Water Act (SDWA). Examples include capacity development, operator certification, source water protection, and wellhead protection. Effective and efficient administration of the DWSRF program, combined with below market interest rates and long-term financing, will assist PWS to provide sufficient quality and quantity of affordable potable water throughout Kentucky.

#### **A. Short Term Goals and Accomplishments**

The 2024 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 as described below:

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 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.

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

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 Green Project Reserve is not currently a requirement for the DWSRF, but Kentucky has continued to include green project scoring to promote SI. The projects that incorporated components of sustainable infrastructure received bonus points on the project priority ranking. 85 of the 266 projects submitted during the Call for Projects received points for green components.

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

During the 2024 SFY, KIA 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, the Governor's Local Issues Conference, the Utilities Management Institute, 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 as well as reiterated during the preconstruction meetings held at the time the construction contracts are executed. A "Best Practices" document for Davis Bacon compliance and reporting has been distributed to borrowers throughout the loan process.

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

DOW reviewed each entity that submitted projects for funding for technical, managerial and financial capacity based on sanitary survey results. Any entity that did not have capacity was asked to meet that capacity before the start of construction of the said project. In future, DOW will work with KIA to come up with a process to identify distressed borrowers upfront.

5. Develop a focused marketing strategy in conjunction with the Energy and Environment Cabinet (EEC) to target systems with compliance and energy efficiency needs.

Kentucky plans to provide 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 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 internal WRIS portal by KIA staff. KIA had fully implemented the electronic application process in the 2020 funding cycle.

7. Increase inspection pace and achieve at least two inspections per project; one at 50% completion and the other at 100% completion.
8. Improve the pace of the program by identifying tasks to commit more available funds in the current fiscal year.
9. Study and revise the disadvantaged community criteria and incorporate those changes into the WRIS.

Historically KIA has defined a disadvantaged community as any system with a service area MHI at or below the State's MHI. The implementation of BIL has 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 seven long-term goals:

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

The use of energy efficient methods and equipment is encouraged for DWSRF funded projects. Additional points are assigned during the ranking process for those projects utilizing energy efficient designs.

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.

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. Create 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. It 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 resources.

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 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 watershed reach out to the municipalities for project development and funding assistance.
7. Identify systems with emerging contaminants and provide assistance and funding to those systems to develop feasible ways to eliminate those contaminants.

#### **IV. SET-ASIDE ACTIVITY**

Exhibit 9 shows the administrative and set-aside disbursements for 2024. Since the inception of the program, Kentucky has disbursed administrative and other (state programs, local assistance and technical assistance) set-asides of \$105,387,798 (Exhibit 7) as compared to \$83,813,038 in 2023.

##### **A. State Program Management Set-Aside**

Section 1452(g)(2) of the Safe Drinking Water Act (SDWA) allows up to 4% of the DWSRF capitalization grant to be allotted to the state to cover the reasonable costs of administration of the programs under this section and up to 10% of the DWSRF capitalization grant to be set aside to support other program initiatives of the SDWA. An additional set-aside of up to 2% may be taken to provide technical assistance to small PWS serving populations less than 10,000. For a program overview of amounts for each set-aside category see Exhibit 9. Activities under Section 1452(g)(2) are listed in Attachment 1.

##### **B. Local Assistance and Other Programs Set-Aside**

Section 1452(k)(2) of the SDWA allows up to 15% of the DWSRF capitalization grant to be set-aside to support local assistance and other program initiatives of the SDWA. Activities under Section 1452(k)(2) are listed in Attachment 2.

## **V. ASSISTANCE ACITIVITY**

### **A. Fund Financial Status**

Exhibit 8 shows the allocation of first use SRF funds for 2024. Exhibit 12 is the Accounts Receivable Aging list. If a borrower experiences late payments, KIA will work with them to assess rate structures or revise repayment schedules. To date, KIA has had no defaults and five loans are currently past due. Exhibit 9 shows the administrative and set-aside disbursements for 2024.

### **B. Financial Statements**

Exhibits 10 and 11 present the 2023 unaudited balance sheet and statement of revenues, expenses, and changes in retained earnings for the Kentucky Infrastructure Authority.

### **C. Revenue Bond Funding**

No bonds were issued in 2024.

### **D. Provisions of the Operating Agreement/Conditions of the Grant**

The Commonwealth of Kentucky entered into the operating agreement and each grant agreement with the EPA. All specific conditions of the agreements have been met.

#### **1. State Matching Funds**

The Commonwealth of Kentucky appropriated sufficient funds to meet the 20% State Match requirement.

#### **2. Binding Commitments within One Year**

The Commonwealth of Kentucky entered into binding commitments to provide assistance from the SRF in amounts equal to 151% of the grant payments within one year after receipts of all federal payments (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. \$55,278,729 was disbursed to the borrowers for project expenses and to the state for program administration and other set-asides (Exhibit 5). Exhibit 1 "Projects Receiving SRF Financial Assistance for State Fiscal Year Ended June 30, 2024" demonstrates that SRF projects have moved in an expeditious and

timely manner to start construction. Kentucky is monitoring the projects to ensure timely initiation of operations in accordance with the established schedules.

#### 4. Eligible Activities of the State Revolving Fund

Projects identified in the annual IUP to be funded are included in Exhibit 3 of this report. All projects met eligibility requirements.

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

Kentucky negotiated with EPA an overall fair share proportion of the capitalization grant which is 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, \$45,129,175 in construction draw requests was reimbursed to DWSRF participants of which \$0, or 0.00% was reimbursed to MBE contractors and \$35,811 or .08% was reimbursed to WBE 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.

#### 6. Other Federal Laws and Authorities

Kentucky and all recipients of SRF funds directly made available by the capitalization grant have complied with applicable federal authorities. Recipients agreed to do this in their loan agreement with the Commonwealth. The Regional Compliance Coordinators assist in monitoring projects for compliance.

## 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 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 effecting 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 2023 is detailed below:

- By Region – This dashboard allows the user to filter down by Area Development District, County, Applicant, and/or Project Number. With each descending filter, all components of the dashboard update. Also included is a list of projects with basic details such as title, cost, and description that are seeking funding. Upon filtering to a specific project, the map symbolizes the project. Graphs are designed to show the number of projects listed in the WRIS portal by their schedule (0-2 years, 3-5 years, etc.) and the associated funding needs.

Usage details for the period	July 1, 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

**Attachment 1**  
**Activities Under Section 1452(g)(2)**  
**of the Safe Drinking Water Act**

**A. DWSRF Administration – Section 1452 (g)(2) – 4 percent maximum**

The Kentucky Infrastructure Authority (KIA) has a Memorandum of Agreement with the Energy and Environment Cabinet, Department for Environmental Protection, Division of Water (DOW), to perform the technical aspects of the DWSRF program. KIA and DOW staff meet regularly to discuss the development, maintenance, and administration of the DWSRF program. Activities included developing reports, payment processing, pre-application activities, travel, application review, engineering review, environmental review, construction progress inspection, training, portfolio management, audit management, cash management, securities management, financial management, financial analysis and capacity review.

The Water Infrastructure Branch of the Kentucky DOW performed the following:

1. There were 79 active drinking water loan projects in various stages of the DWSRF process at the end of SFY24. The projects are sponsored by the following systems:

<b>SFY 2024 Active DWSRF Projects</b>	
Adair County Water District	City of Scottsville
Cannonsburg Water District	City of South Shore (2)
City of Albany	City of Whitesburg (3)
City of Cynthiana	Hopkinsville Water Environment Authority
City of Fleming-Neon	City of Augusta
City of Harlan (2)	Grayson County Water District (2)
City of Maysville	Hyden-Leslie County Water District
City of Harrodsburg	Letcher County Water and Sewer District (2)
City of Hazard (3)	City of Monticello
City of London	Lyon County Water District
City of Providence	City of Edmonton
City of Nicholasville (2)	Northern Kentucky Water District
City of Springfield	City of Danville (3)
Martin County Water District	Ohio County Water District
Barkley Water District	Morgan County Water District
City of Somerset	Mountain Water District
City of Lebanon (2)	Larue County Water District #1
Knox County Utility Commission	Bath County Water District
Owensboro Municipal Utilities	Paintsville Utilities Commission
McCreary County Water District	City of West Liberty
City of Irvine	Cumberland Falls Highway Water District
City of Stanford	City of Morehead (2)

City of Greensburg	City of Mortons Gap
Louisville Water Company (2)	Lebanon Water Works
Cave Run Water Commission	McKinney Water District
Estill County Water District #1	Northern Kentucky Water District (3)
Paris Water Works	Warren County Water District
City of Salyersville	Western Pulaski County Water District
City of Paintsville	Frankfort Electric & Water Plant Board (2)
Hardinsburg Water Department	Logan-Todd Regional Water Commission (2)
Southern Water & Sewer District	

2. Loan applications have been reviewed for all of the projects listed above. Nine drinking water projects were closed out during the 2024 state fiscal year.
3. Nine DWSRF environmental reviews were conducted during the SFY 2024 for drinking water infrastructure projects.
4. Twenty-two drinking water projects were reviewed by Water Infrastructure Branch Engineering Section from July 1, 2023 to June 30, 2024. The Engineering Section also performed associated project management responsibilities including attending preconstruction meetings, project inspections, review of invoices and change orders, etc.

SFY 2024 Project Review Summary	
Distribution- Line Extension	2
Distribution- Major Construction	6
Replacement/Rehabilitation	8
Tank	3
Water Treatment- Modifications, New, Preliminary	3

## **B. Technical Assistance – Section 1452(g)(2) – 2 percent maximum**

Kentucky used the Technical Assistance set-aside as follows:

- ◆ Provided approximately 305 instances of technical assistance, training and consultation, covering technical, managerial, and financial capacity. 49% of which were at small systems (< 10,000) and 25% of which were at very small system (<3,300).
- ◆ Of the 134 sanitary surveys conducted in SFY 2024, 55% were conducted at small drinking water systems (less than 10,000 population). 29% were in very small systems with less than 3,300 population.
- ◆ In calendar year 2023, 68 public drinking water systems serving over 1.74 million Kentuckians achieved microbial Area-Wide Optimization Program

(AWOP) goals and 263 public drinking water systems serving more than 3.16 million Kentuckians achieved AWOP Disinfection By-Product goals.

- ◆ The Division of Water's drinking water staff provided training events with a focus on small systems:

Date	Title
Jul-23	Safe Drinking Water Information System
Sep-23	Drinking Water Updates (focus on LCRR and PFAS)
Oct-23	Updates on Lead and Copper Rule Revisions - webinar for operators
Oct-23	Drinking Water Regulatory Overview
Oct-23	Lead and Copper Rule Revisions, Service Line Inventory
Oct-23	Kentucky Area-Wide Optimization Program
Oct-23	PFAS Rule & Treatment Options
Nov-23	State Revolving Fund and Lead and Copper Rule Revisions updates
Nov-23	Lead and Copper Rule Revisions updates
Nov-23	PFAS Rule & potential impacts
Nov-23	Communicating Lead Service Line Inventory
Nov-23	Communicating Lead testing in Schools/Childcares
Dec-23	Training for Technical Assistance with Service Line Inventories
Dec-23	Training for Technical Assistance with Service Line Inventories
Jan-24	LCRR / LCRI Service Line Inventories
Jan-24	Service Line Inventories and the Statistical Method
Feb-24	Service Line Inventories and the Statistical Method
Feb-24	Service line inventory Q & A for operators
Mar-24	PFAS Updates
Mar-24	Proposed PFAS Rule
Mar-23	Statistical Method Overview for Service Line Inventories
Jan-24	Statistical Method Overview for Service Line Inventories
Feb-24	Statistical Method Overview for Service Line Inventories
Mar-24	LCRR SLI
Apr-24	PFAS DW updates
May-24	Kentucky Area-Wide Optimization Program
May-24	LCRR overview and DOW outreach
Jul-24	Utilities training - LCRR
Aug-24	PFAS Rule
Aug-24	DW Regulatory Compliance updates
Aug-24	DOW Corrosion Control Treatment Program
Aug-24	DW Regulatory Compliance updates
Aug-24	PFAS Rule Updates



- ◆ The Division of Water's drinking water personnel and attended and/or participated in training events with a focus on small systems:

Date	Title
Aug-23	AWOP National Meeting
Sep-23	Webinar Small Drinking Water Systems – Cybersecurity
Sep-23	20th Annual EPA Drinking Water Workshop
Oct-23	Webinar - Fifth Unregulated Contaminant Monitoring Rule (UCMR 5)
Nov-23	Region 4 Multi-State AWOP Meeting
Jan-24	Small DWS Webinar - Risk, Crisis, and General Communication
Jan-24	GAC Treatment Strategies for PFAS in Drinking Water
Jan-24	ASDWA EBTB: Legionella Response
Jan-24	EPA ORD Lead Service Line Inventory Guidance
Feb-24	EPA Veterans in the Water Workforce Webinar
Apr-24	Startup and Conditioning for Granular Activated Carbon Systems
Apr-24	The History of the SDWA - First 15 Years
Apr-24	Best Practices for PFAS Removal and Reactivation
Apr-24	Region 4 Multi-State AWOP Meeting
May-24	Webinar: PFAS Drinking Water Regulation and Treatment Methods
May-24	Planning for Lead & Copper Program Management
May-24	Generating hypochlorite onsite supports safety and savings Webinar
Jun-24	PFAS Removal: Case Studies in GAC and Ion Exchange Technology
Jun-24	Guidance for Complying with the LCRER WS w/ No to Low # LSL

**C. State Program Management – Section 1452(g)(2)(A) – (D) – 10 percent maximum (Public Water System Supervision Program)**

Kentucky used the Supplemental Public Water System Supervision Program set-aside to fund the following drinking water program activities:

- ◆ Overall administration of the drinking water program, including implementation of work plans, tracking of regulatory developments and coordinating inter-and intra-division activities.
- ◆ Assessed SDWA compliance of 434 public water systems:
  - Submitted federal SDWIS data to EPA on time each quarter.
- ◆ Conducted inspections, investigated complaints, and assisted with drinking water compliance activities at the DOW Regional Office level.
- ◆ Continued to implement and support the Microbiology, Chemistry, and Cryptosporidium Laboratory Certification Programs. In SFY 204 there were 7 Microbiology Laboratories audited by DOW Certification Officers.

- ◆ Through Memoranda of Agreement, water systems were assisted in completing the service line inventory required by the 2021 Lead and Copper Rule Revisions. These water systems were primarily serving lower income (below Kentucky's Median Household Income level) and smaller communities (population less than 10,000).
  - ◆ KRWA provided support to 176 water systems
  - ◆ RCAP provided support to 46 water systems

## **Attachment 2**

### **Activities Under Section 1452(k)(2) of the Safe Drinking Water Act**

*State/Local Assistance Sections 1452(k)(2)(A) – (E)  
15 percent maximum*

#### **A. Capacity Development Program – Technical, Managerial, and Financial Assistance**

State/Local Assistance set-aside funds were utilized to provide assistance to small systems.

- ◆ Reviewed 173 projects through Federal Assistance Review requests from the Kentucky e-Clearinghouse to ensure projects applying for funding have adequate capacity.
- ◆ The Capacity Development Program staff evaluate utilities using a section of the Kentucky Sanitary Survey form. For this year, 134 surface water systems, groundwater systems, and subsequent systems were reviewed.
- ◆ The DOW's Capacity Development Section provided assistance to public water systems throughout the state related to managerial and financial capacity. Technical capacity was offered through inspections, on-site assistance, and AWOP activities. All drinking water systems are inspected annually.
  - ◆ DWSRF set-aside funds were used for conference travel for DOW drinking water staff to attend and/or present at various conferences as previously mentioned.
  - ◆ The Division of Water continued its contractual partnership with the Kentucky Rural Water Association, utilizing a portion of the DWSRF set asides, to provide support to small public drinking water systems. Technical assistance and support were provided to 130 public drinking water systems in areas of geo-graphic information system-based asset management, lead service line detection and inventory, rate analysis, compliance with the Stage 2 Disinfection By-Product Rule, preparation of Consumer Confidence Reports, accounting software training, and assisting systems with eMOR and eForm electronic document reporting to the Division of Water. The KRWA conducted 18 drinking water trainings across the state for water professionals involving Surface Water and Groundwater Treatment, Distribution, Safe Drinking Water Act Basics, Lead and Copper Rule Compliance, Service Line Inventory Basics, Consumer Confidence Rule Reporting, Security, and Vulnerability Assessments.

## **B. Source Water Assessment Program**

The Division of Water provides support to the United States Geological Survey's real-time stream gauging network with funding from DWSRF set-asides. During SFY2024, \$299,500 was provided in network support with a 40/60 cost share by the USGS. In addition to allocating funds, the DOW coordinates with USGS in the placement of gauging stations with an emphasis on optimization of the network's data collection capabilities. This ongoing partnership has helped to produce a system where both scientific and regulatory interests are served.

## **C. Operator Certification Program**

### **◆ *License Administration***

- The Division of Compliance Assistance (DCA), Operator Certification Program received and processed 627 drinking water certification applications, administered 669 drinking water certification exams, and issued 392 new drinking water certificates during the 2024 state fiscal year. The drinking water certification program had an average pass rate of 63 percent.

### **◆ *Training***

- During FY2024, the Certification and Licensing Branch staff prepared and published the Kentucky Operator Certification Program training schedule, which outlines all training events offered by the program and certified training providers. To ensure operators were informed, a postcard was mailed to all certified operators, directing them to the schedule available on the Division's website. Additionally, staff updated all fact sheets and contract operator lists.
- The Operator Certification Program also collaborated with the Kentucky Water Research Institute (KWRI) to develop and update critical training materials. OCP staff, along with the Certification Boards, diligently reviewed and revised the Wastewater Treatment Manual and exams. KWRI provided a new Collection Manual and exam, which are yet to be reviewed by the program. Work on new Distribution materials began but remains in progress. A contract was also signed for KWRI to complete the Surface Water and Groundwater Treatment materials.

- In an effort to enhance access to training, the Operator Certification Program has been working with Certified Training Providers to offer certification schools across the Commonwealth. This initiative aims to increase the availability of testing events in local areas, thereby reducing costs for facilities. The first official training under this expanded program began in July FY25.

#### ◆ **National Involvement**

- Certification program staff actively promote the significance of operator certification both within Kentucky and across the nation. They regularly attend quarterly Drinking Water and Wastewater Advisory Council meetings and engage with vendors, operators, and other professionals in the certification field at various events. Additionally, following the passage of House Bill 40, the program is collaborating with the certification board and the Operator Recruitment and Development Committee to implement the new provisions.

### **D. Wellhead Protection Program**

The Wellhead Protection Program (WHPP) staff continue to aid public water systems and other agencies on source water and wellhead protection plan development, implementation, education, outreach, and public meeting facilitation. Staff have continued to seek input and share data within the Division of Water including drinking water compliance, water supply infrastructure, water supply planning, water withdrawal, and groundwater protection programs. Program staff have also worked in cooperation with the Kentucky Rural Water Association to develop and implement wellhead protection plans and to improve available wellhead protection resources and presentations.

Program staff continue to process program data, information, and plans in the Department's CGI TEMPO360™ (an environmental regulatory data management system). They also work with the GIS and Data Analysis Section to make updates to ArcMap GIS data layer files for the Source Water and Wellhead Protection Areas, as well as the contaminant source inventory.

The Source Water Protection Program Coordinator co-chairs the Drinking Water/Wastewater Advisory Workgroup's Source Water Protection subcommittee and has worked to incorporate feedback in program priorities. Program staff have expanded available source water protection online resources, developing a new webpage that addresses water conservation. Wellhead protection and surface water protection planning forms and guidance were updated to streamline processes and improve contaminant source inventory data collection. The program also continues to build a statewide Contaminant Source Inventory. Staff also assisted the Groundwater Section with sampling required for the Kentucky Groundwater Monitoring Network. Additionally,

staff attended numerous trainings and webinars to supporting their continuing education and awareness of program developments.

Wellhead staff also participated in the following:

- ◆ KY Stormwater Association Quarterly Meeting - 10/26/2023
- ◆ KY Ag Water Quality Authority Meeting - 2/27/2024
- ◆ Western KY Annual Operator Training and Expo – 3/19/2024
- ◆ Lake Cumberland Area Development District Water Management Council Meeting – 4/3/2024
- ◆ KY Stormwater Association Quarterly Meeting – 5/14/2024
- ◆ KY River Producers Meeting – 5/23/2024
- ◆ Lincoln Trial Area Development District Water Management Council Meeting – 5/23/2024
- ◆ Lake Cumberland Area Development District Water Management Council Meeting – 6/6/2024
- ◆ Source water Protection Subcommittee Meeting – 6/18/2024

The following data and information reflects the most current program statistics:

<b>Community Water Systems Utilizing Groundwater Sources</b>					
	Population Served				
	25 – 1,000	1,001 – 3,300	3,301 – 10,000	10,001 – 50,000	Over 50,000
Number of Community GW Supplies	24	33	18	14	3
Total Population Served	8,329	67,698	97,555	313,194	901,568*

*\*Includes Louisville Water Company, which uses a combination of groundwater and surface water sources.*

<b>Non-Community Water Systems Utilizing Groundwater Sources</b>		
	Number of Systems	Population
Non-Transient Non-Community Systems	13	6,101
Transient Non-Community Systems	34	3,844

<b>Wellhead Protection Plans</b>			
	Phase I Plan	Phase II Plan	Five Year Update
Developed	0	0	17
Reviewed	0	0	26
Approved	0	0	24

**EXHIBIT 1**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED DRINKING WATER LOAN PROGRAM**  
**PROJECTS RECEIVING SRF FINANCIAL ASSISTANCE**  
**FISCAL YEAR ENDED JUNE 30, 2024**

RECIPIENT NAME	LOAN NUMBER	AMOUNT OF ASSISTANCE	BINDING COMMITMENT DATE	ESTIMATED CONSTRUCTION START DATE	ESTIMATED INITIATE OPERATION	TYPE OF ASSISTANCE	INTEREST RATE	LOAN TERM	POPULATION CATEGORY	SMALL SYSTEM	DISADVANTAGED COMMUNITY
Barkley Lake Water District	F23-002	\$3,678,453.00	7/6/2023	10/1/2023	4/30/2024	L	2.25%	20	3,301 to 10,000	Y	Y
South Shore, City of	F23-138E	\$8,590,500.00	7/6/2023	10/1/2023	8/1/2024	L	0.00%	0	3,301 to 10,000	Y	Y
Paris, City of	F22-019	\$500,000.00	9/7/2023	12/1/2023	12/1/2024	L(1)	1.00%	20	10,001 to 100,000	N	Y
Cynthiana, City of	F22-028	\$2,600,600.00	2/1/2024	3/1/2024	7/1/2025	L(1)	0.25%	30	3,301 to 10,000	Y	Y
Danville, City of	F23-003S	\$1,240,000.00	2/1/2024	10/15/2024	8/28/2025	L	1.25%	20	10,001 to 100,000	N	Y
Lebanon, City of	F24-001S	\$15,071,745.00	2/1/2024	5/1/2025	10/1/2026	L	0.50%	30	3,301 to 10,000	Y	Y
Providence, City of	F22-021	\$2,600,000.00	3/7/2024	3/1/2025	3/1/2026	L	0.50%	30	3,301 to 10,000	Y	Y
Springfield, City of	F24-005	\$2,894,924.00	3/7/2024	2/1/2025	12/1/2025	L	1.25%	20	10,001 to 100,000	N	Y
Martin County Water District	F24-022L	\$299,250.00	3/7/2024	N/A	N/A	L	0.00%	0	10,001 to 100,000	N	Y
Paintsville, City of	F24-026L	\$418,000.00	3/7/2024	N/A	N/A	L	0.00%	0	10,001 to 100,000	N	Y
Southern Water & Sewer District	F24-036L	\$247,575.00	3/7/2024	N/A	N/A	L	0.00%	0	10,001 to 100,000	N	Y
Prestonsburg, City of	F24-037L	\$416,250.00	3/7/2024	N/A	N/A	L	0.00%	0	10,001 to 100,000	N	Y
Pikeville, City of	F24-048L	\$119,902.00	3/7/2024	N/A	N/A	L	0.00%	0	10,001 to 100,000	N	Y
Ohio County Water District	F24-051L	\$185,000.00	3/7/2024	N/A	N/A	L	0.00%	0	10,001 to 100,000	N	Y
Ashland, City of	F24-056L	\$874,130.00	3/7/2024	N/A	N/A	L	0.00%	0	10,001 to 100,000	N	Y
Mountain Water District	F24-063L	\$435,720.00	3/7/2024	N/A	N/A	L	0.00%	0	10,001 to 100,000	N	Y
Larue County Water District #1	F24-006	\$1,692,500.00	4/11/2024	10/1/2024	12/1/2026	L(2)	2.25%	5	10,001 to 100,000	N	Y
Springfield, City of	F24-013S	\$4,277,500.00	4/11/2024	2/1/2025	12/1/2025	L	1.25%	20	10,001 to 100,000	N	Y
Grayson County Water District	F24-014L	\$220,000.00	4/11/2024	N/A	N/A	L	0.00%	0	10,001 to 100,000	N	Y
Rowan Water Association	F24-019L	\$100,000.00	4/11/2024	N/A	N/A	L	0.00%	0	10,001 to 100,000	N	Y
Danville, City of	F24-027L	\$214,000.00	4/11/2024	N/A	N/A	L	0.00%	0	10,001 to 100,000	N	Y
Bath County Water District	F24-033L	\$100,000.00	4/11/2024	N/A	N/A	L	0.00%	0	10,001 to 100,000	N	Y
Grayson, City of	F24-041L	\$450,000.00	4/11/2024	N/A	N/A	L	0.00%	0	10,001 to 100,000	N	Y
Western Pulaski Co Water District	F24-042L	\$275,000.00	4/11/2024	N/A	N/A	L	0.00%	0	10,001 to 100,000	N	Y
Owensboro, City of	F24-055L	\$1,000,000.00	4/11/2024	N/A	N/A	L	0.00%	0	10,001 to 100,000	N	Y
Maysville, City of	F24-065L	\$227,500.00	4/11/2024	N/A	N/A	L	0.00%	0	10,001 to 100,000	N	Y
Hardinsburg, City of	F24-023L	\$120,000.00	6/6/2024	N/A	N/A	L	0.00%	0	10,001 to 100,000	N	Y

<b>TOTAL</b>	<b>27</b>	<b>\$48,848,549.00</b>	<b>0.50%</b>
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<u>Summary</u>	<u>Total</u>	<u>Loan Count</u>	<u>% of Total</u>
Total Funding For Loans	\$48,848,549.00	27	
Total Funding For Small Communities	\$32,541,298.00	5	67%
Total Funding For Disadvantaged Communities	\$48,848,549.00	27	100%
Weighted Average Interest Rate	0.50%		

**Type of Assistance**  
L = Loan  
(1) = Increase / (Decrease)  
(2) = Planning & Design



**EXHIBIT 2**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED DRINKING WATER 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
Barkley Lake Water District	F23-002	\$ 3,678,453				\$ 3,678,453	L
South Shore, City of	F23-138E	\$ 8,590,500				\$ 8,590,500	L
Paris, City of	F22-019	\$ 500,000				\$ 500,000	L(1)
Cynthiana, City of	F22-028			\$ 2,600,600		\$ 2,600,600	L(1)
Danville, City of	F23-003S			\$ 1,240,000		\$ 1,240,000	L
Lebanon, City of	F24-001S			\$ 15,071,745		\$ 15,071,745	L
Providence, City of	F22-021			\$ 2,600,000		\$ 2,600,000	L
Springfield, City of	F24-005			\$ 2,894,924		\$ 2,894,924	L
Martin County Water District	F24-022L			\$ 299,250		\$ 299,250	L
Paintsville, City of	F24-026L			\$ 418,000		\$ 418,000	L
Southern Water & Sewer District	F24-036L			\$ 247,575		\$ 247,575	L
Prestonsburg, City of	F24-037L			\$ 416,250		\$ 416,250	L
Pikeville, City of	F24-048L			\$ 119,902		\$ 119,902	L
Ohio County Water District	F24-051L			\$ 185,000		\$ 185,000	L
Ashland, City of	F24-056L			\$ 874,130		\$ 874,130	L
Mountain Water District	F24-063L			\$ 435,720		\$ 435,720	L
Larue County Water District #1	F24-006				\$ 1,692,500	\$ 1,692,500	L(2)
Springfield, City of	F24-013S				\$ 4,277,500	\$ 4,277,500	L
Grayson County Water District	F24-014L				\$ 220,000	\$ 220,000	L
Rowan Water Association	F24-019L				\$ 100,000	\$ 100,000	L
Danville, City of	F24-027L				\$ 214,000	\$ 214,000	L
Bath County Water District	F24-033L				\$ 100,000	\$ 100,000	L
Grayson, City of	F24-041L				\$ 450,000	\$ 450,000	L
Western Pulaski Co Water District	F24-042L				\$ 275,000	\$ 275,000	L
Owensboro, City of	F24-055L				\$ 1,000,000	\$ 1,000,000	L
Maysville, City of	F24-065L				\$ 227,500	\$ 227,500	L
Hardinsburg, City of	F24-023L				\$ 120,000	\$ 120,000	L
<b>TOTAL</b>	<b>27</b>	<b>\$ 12,768,953</b>	<b>\$ -</b>	<b>\$ 27,403,096</b>	<b>\$ 8,676,500</b>	<b>\$ 48,848,549</b>	
<b>PROGRAM ADMINISTRATION</b>		<b>\$ 463</b>	<b>\$ 246,927</b>	<b>\$ 448,550</b>	<b>\$ 122,839</b>	<b>\$ 818,779</b>	
<b>SET-ASIDES</b>		<b>\$ -</b>	<b>\$ 1,614,784</b>	<b>\$ 4,367,427</b>	<b>\$ -</b>	<b>\$ 5,982,211</b>	
<b>TOTAL</b>		<b>\$ 12,769,416</b>	<b>\$ 1,861,711</b>	<b>\$ 32,219,073</b>	<b>\$ 8,799,339</b>	<b>\$ 55,649,539</b>	
<b>CUMULATIVE TOTALS</b>		<b>\$ 12,769,416</b>	<b>\$ 14,631,127</b>	<b>\$ 46,850,200</b>	<b>\$ 55,649,539</b>		
<b>FEDERAL PAYMENTS - 2024</b>		<b>\$ 2,229,194</b>	<b>\$ 11,440,281</b>	<b>\$ 13,654,589</b>	<b>\$ 9,534,339</b>	<b>\$ 36,858,402</b>	
<b>CUMULATIVE FEDERAL PAYMENTS</b>		<b>\$ 2,229,194</b>	<b>\$ 13,669,475</b>	<b>\$ 27,324,064</b>	<b>\$ 36,858,402</b>		
<b>BINDING COMMITMENT % OF PAYMENTS</b>			<b>107%</b>	<b>171%</b>	<b>151%</b>		

**Type of Assistance**

L = Loan

(1) = Increase / (Decrease)

(2) = Planning & Design

**EXHIBIT 3**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED DRINKING WATER LOAN PROGRAM**  
**PROJECT PRIORITY LIST STATUS REPORT**  
**FISCAL YEAR ENDED JUNE 30, 2024**

<b><u>Rank</u></b>	<b><u>Applicant</u></b>	<b><u>Project Title</u></b>	<b><u>Invitation Status</u></b>
0	Danville, City of	Danville - Perryville Standpipe Replacement and Water Main	N/A
0	Lyon County Water District	LCWD - Water System and Storage Tank Improvements Project	N/A
1	Lebanon, City of	Lebanon Water Works 2023 Improvements	Accepted
2	Bullock Pen Water District	Bullock Pen Water Treatment Plant Replacement - Design and Const	Accepted
3	Northern Kentucky Water District	Covington Private Lead Service Line Replacement	Accepted
4	Northern Kentucky Water District	Newport Private Lead Service Line Replacement	Declined
5	Springfield Water and Sewer Commission	Water Main Assessment, Replacement Planning & Design - WTP & Priority Area 1	Accepted
5	Springfield Water and Sewer Commission	Water Main Assessment, Replacement Planning & Design - WTP & Priority Area 1	Accepted
6	Larue County Water District #1	LCWD- New Treatment Plant	Accepted
7	Hazard, City of	Allais Waterline Replacement (Known Lead) Economically Disadvantaged Area	Declined
8	Northern Kentucky Water District	Newport Water Main and Full Lead Service Line Replacement	Accepted
9	Hazard, City of	North Main/Walkertown/Wabaco/Hiner/Bulan Economically Disadvantaged Area	N/A
10	Hazard, City of	Combs Waterline Replacement (Known Lead) Economically Disadvantaged Area	N/A
11	Hazard, City of	Airport Gardens Waterline Replacement (Known Lead) Economically Disadvantaged Area	N/A
12	Fleming-Neon, City of	McRoberts Waterline Replacement Project (Lead Status Unknown)	Declined
13	Springfield Water and Sewer Commission	Water Main Assessment, Replacement Planning & Design - WTP & Priority Area 2	Accepted
14	Grayson County Water District	Lead Inventory/Replacement Plan	Accepted
15	Owingsville, City of	Owingsville Lead/Copper Line and Components Assessment	N/A
16	Sharpsburg Water District	Sharpsburg Water Lead/Copper Line and Components Assessment	N/A
17	Montgomery County Water District #1	MCWD # 1 Lead/Copper Line and Components Assessment	N/A
18	West Liberty, City of	West Liberty Lead/Copper Line and Components Assessment	N/A
19	Rowan Water Inc	Rowan Water Inc Lead/Copper Line and Components Assessment	Accepted
20	Martin, City of	City of Martin - Lead Service Line Inventory	N/A
21	Frenchburg, City of	Frenchburg Lead/Copper Line and Components Assessment	N/A
22	Martin County Water District	Martin County Water District - Lead Service Line Inventory	Accepted
23	Hardinsburg, City of	City of Hardinsburg - Lead Inventory/Replacement Plan	Accepted
24	Elkhorn City, City of	Elkhorn City - Lead Service Line Inventory	N/A

**EXHIBIT 3**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED DRINKING WATER LOAN PROGRAM**  
**PROJECT PRIORITY LIST STATUS REPORT**  
**FISCAL YEAR ENDED JUNE 30, 2024**

<b><u>Rank</u></b>	<b><u>Applicant</u></b>	<b><u>Project Title</u></b>	<b><u>Invitation Status</u></b>
25	Magoffin County Water District	Magoffin County Water District - Lead Service Line Inventory	N/A
26	Paintsville Utilities Commission	Paintsville Utilities - Lead Service Line Inventory	Accepted
27	Danville, City of	Danville LCCR Inventory & Assessment Project	Accepted
28	Albany, City of	Albany Lead Service Line Inventory	N/A
29	Princeton Water & Wastewater Commission	Princeton - Lead Service Line Inventory	N/A
30	Springfield Water and Sewer Commission	Lead Service Line Replacement- All Services	Accepted
31	Hazard, City of	Backwoods Waterline Replacement (Known Lead) Economically Disadvantaged Area	N/A
32	Jeffersonville, City of	Jeffersonville Lead/Copper Line and Components Assessment	N/A
33	Bath County Water District	BCWD Lead/Copper Line and Components Assessment	Accepted
34	Salyserville Water Works	Salyserville Water Works - Lead Service Line Inventory	N/A
35	Louisa, City of	Luisa Lead Service Line Inventory/Study	N/A
36	Southern Water & Sewer District	Southern Water & Sewer District - Lead Service Line Inventory	Accepted
37	Prestonsburg City's Utilities Commission	Prestonsburg City Utilities Commission - Lead Service Line Inven	Accepted
38	Frankfort Plant Board	FPB - Logan/E. 3rd Street - Water Main and LCSL Replacement	Accepted
39	South Shore, City of	South Shore Lead Service Line Inventory & Assessment	N/A
40	Wheelwright Utilities Commission	Wheelwright Utilities Commission - Lead Service Line Inventory	N/A
41	Grayson Utilities Commission	Grayson Lead Service Line Inventory/Survey	Accepted
42	Western Pulaski County Water District	Western Pulaski Lead Service Line Inventory	Accepted
43	Hardinsburg, City of	WTP Expansion Phase I & Distribution System Improvements	Accepted
44	Jackson, City of	City of Jackson - Lead Service Line Inventory	N/A
45	Knott County Water & Sewer District	Knott County - Lead Service Line Inventory	N/A
46	Mount Sterling Water and Sewer	MSWS Lead/Copper Line and Components Replacement	Accepted
47	Peaks Mill Water District	Peaks Mill WD - Service Line Inventory	Declined
48	Pikeville, City of	City of Pikeville - Lead Service Line Inventory	Accepted
49	Jenkins, City of	City of Jenkins - Lead Service Line Inventory	N/A
50	Reid Village Water District	RVWD Lead/Copper Line and Components Assessment	Declined
51	Ohio County Water District	Lead Service Line Asset Management & Inventory Project	Accepted

**EXHIBIT 3**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED DRINKING WATER LOAN PROGRAM**  
**PROJECT PRIORITY LIST STATUS REPORT**  
**FISCAL YEAR ENDED JUNE 30, 2024**

<b><u>Rank</u></b>	<b><u>Applicant</u></b>	<b><u>Project Title</u></b>	<b><u>Invitation Status</u></b>
52	Sandy Hook Water District	Sandy Hook Water District Lead Service Line Study/Inventory	Accepted
53	Northern Kentucky Water District	Taylor Mill Treatment Plant Advanced Treatment Improvements	N/A
54	Edmonton, City of	2025 Water System Improvements	N/A
55	Owensboro Municipal Utilities	OMU Lead Service Line Inventory Project	Accepted
56	Ashland, City of	Lead Service Line Inventory & Assessment	Accepted
57	Big Sandy Water District	Asset Management for Lead Service Line Inventory	Accepted
58	Hazard, City of	Downtown Water Replacement Project Economically Disadvantaged Area	N/A
59	Harlan Municipal Water Works	Harlan Municipal Water Works - Lead Service Line Inventory	N/A
60	Whitesburg, City of	City of Whitesburg - Lead Service Line Inventory	N/A
61	Hyden-Leslie County Water District	Leslie County - Lead Service Line Inventory	N/A
62	Perry County Fiscal Court	Perry County Water & Sewer - Lead Service Line Inventory	N/A
63	Mountain Water District	Mountain Water District - Lead Service Line Inventory	Accepted
64	Logan-Todd Regional Water Commission	LTRWC - Additional Sedimentation Train/General Plant Expansion	Accepted
65	Maysville, City of	Maysville Lead Service Line Inventory	Accepted
66	Danville, City of	Danville Lead Replacements	Accepted
67	North Mercer Water District	NMWD - Brentwood Water Main Replacement	N/A
68	Hazard, City of	Downtown Water Replacement Project Ph 2 Economically Disadvantaged Area	N/A
69	Greenville Utilities Commission	Greenville - Service Line Replacement Project	N/A
70	Campton, City of	City of Campton - Lead Service Line Inventory	N/A
71	Beattyville, City of	City of Beattyville - Lead Service Line Inventory	N/A
72	Booneville, City of	City of Booneville - Lead Service Line Inventory	N/A
73	Breathitt County Water District	Breathitt County - Lead Service Line Inventory	N/A
74	Buckhorn, City of	City of Buckhorn - Lead Service Line Inventory	N/A
75	Hindman, City of	City of Hindman- Lead Service Line Inventory	N/A
76	Fleming-Neon, City of	City of Fleming-Neon - Lead Service Line Inventory	N/A
77	Letcher County Water & Sewer District	Letcher County - Lead Service Line Inventory	N/A
78	Sturgis, City of	City of Sturgis - Lead Service Line Inventory Project	N/A

**EXHIBIT 3**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED DRINKING WATER LOAN PROGRAM**  
**PROJECT PRIORITY LIST STATUS REPORT**  
**FISCAL YEAR ENDED JUNE 30, 2024**

<b><u>Rank</u></b>	<b><u>Applicant</u></b>	<b><u>Project Title</u></b>	<b><u>Invitation Status</u></b>
79	Fordsville, City of	City of Fordsville - Lead Service Line Inventory Project	N/A
80	Wood Creek Water District	Wood Creek Water District - Lead Service Line Inventory	N/A
81	Rattlesnake Ridge Water District	Rattlesnake Ridge Lead Service Line Inventory/Survey	N/A
82	Uniontown, City of	City of Uniontown - Lead Service Line Inventory Project	N/A
83	Wurtland, City of	Wurtland Lead Service Line Inventory & Assessment	N/A
84	Olive Hill, City of	Olive Hill Lead Service Line Inventory/Survey	N/A
85	Flatwoods, City of	Flatwoods Lead Service Line Inventory & Assessment	N/A
86	Raceland, City of	Raceland Lead Service Line Inventory & Assessment	N/A
87	Cannonsburg Water District	Canonsburg Water Lead Line Study/Inventory	N/A
88	Russell, City of	Russell Lead Service Line Inventory & Assessment	N/A
89	Mayfield Electric & Water Systems	Lead and Copper Rule effect on MEWS	N/A
90	Edmonson County Water District	ECWD- Lead and Copper Vac Truck	N/A
91	Henderson Water Utility	HWU - Lead Service Line Inventory Project	N/A
92	Hazard, City of	City of Hazard - Lead Service Line Inventory	N/A
93	Louisville Water Company	B.E. Payne Water Treatment Plant Powdered Activated Carbon Treatment	N/A
94	East Laurel Water District	East Laurel Water District - Lead Service Line Inventory	N/A
95	Beaver Dam, City of	City of Beaver Dam - Lead Service Line Inventory	N/A
96	Morganfield, City of	City of Morganfield - Lead Service Line Inventory Project	N/A
97	Union County Water District	Union County Water District - Lead Service Line Inventory Project	N/A
98	Greenup, City of	Greenup Lead Service Line Inventory & Assessment	N/A
99	Laurel County Water District #2	LCWD#2-Lead Service Line Inventory	N/A
100	Central City Municipal Water & Sewer System	Central City - GAC Filter Addition Project	N/A
101	Lewisport, City of	Hancock County Regional Water Treatment Plant	N/A
102	Whitley County Water District	WCWD 2021 System Improvements Project	N/A
103	Bracken County Water District	BCWD Lead Service Line Inventory	N/A
104	Worthington, City of	Worthington Lead Service Line Inventory & Assessment	N/A
105	Northeast Woodford County Water District	NEWCWD - Lead service lines Inventory	N/A

**EXHIBIT 3**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED DRINKING WATER LOAN PROGRAM**  
**PROJECT PRIORITY LIST STATUS REPORT**  
**FISCAL YEAR ENDED JUNE 30, 2024**

<b><u>Rank</u></b>	<b><u>Applicant</u></b>	<b><u>Project Title</u></b>	<b><u>Invitation Status</u></b>
106	West Laurel Water Association Inc	West Laurel Water Association - Lead Service Line Inventory	N/A
107	Edmonson County Water District	Wax WTP Replacement and Distribution System Improvements	N/A

<b>EXHIBIT 4</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>FEDERALLY ASSISTED DRINKING WATER LOAN PROGRAM</b> <b>LOAN COMMITMENTS WITH PRINCIPAL FORGIVENESS SUBSIDY</b> <b>FISCAL YEAR ENDED JUNE 30, 2024</b>								
RECIPIENT NAME / LOCATION	LOAN NUMBER	PROJECT NAME	AMOUNT OF ASSISTANCE	ORIGINAL SUBSIDY	INTEREST RATE	MHI MHI	MHI AS % OF STATE	POPULATION
Barkley Lake Water District	F23-002	Blwd - Lakeside Waterline Replacement	\$ 3,678,453	\$ 1,001,207	2.25%	\$ 53,285	96.1%	9,879
South Shore, City of	F23-138E	South Shore to Portsmouth Permanent Interconnect	\$ 8,590,500	\$ 8,590,500	0.00%	\$ 36,444	65.7%	4,164
Cynthiana, City of	F22-028	Industrial Park Water Tank and WTP Upgrade	\$ 2,600,600	\$ 865,239	0.25%	\$ 38,873	70.1%	6,518
Danville, City of	F23-003S	Danville Water Line Replacements	\$ 1,240,000	\$ 892,221	1.25%	\$ 47,002	84.8%	24,951
Lebanon, City of	F24-001S	Lebanon Water Works 2023 Improvements	\$ 15,071,745	\$ 7,882,523	0.50%	\$ 32,733	59.0%	6,412
Providence, City of	F22-021	Providence Cast Iron Pipe Rehab	\$ 2,600,000	\$ 1,865,239	0.50%	\$ 38,735	69.9%	3,353
Springfield, City of	F24-005	Water Main Assessment, Replacement Planning and Design WTP & Priority Area 1	\$ 2,894,924	\$ 1,514,420	1.25%	\$ 55,273	99.7%	10,757
Martin County Water District	F24-022L	Martin County Water District Lead Service Line Inventory	\$ 299,250	\$ 299,250	0.00%	\$ 41,569	75.0%	11,203
Paintsville, City of	F24-026L	Paintsville Utilities Lead Service Line Inventory	\$ 418,000	\$ 418,000	0.00%	\$ 40,122	72.4%	21,295
Southern Water & Sewer District	F24-036L	Southern Water and Sewer District Lead Service Line Inventory	\$ 247,575	\$ 247,575	0.00%	\$ 35,055	63.2%	16,782
Prestonsburg, City of	F24-037L	Prestonsburg City Utility Commission Lead Service Line Inventory	\$ 416,250	\$ 416,250	0.00%	\$ 39,277	70.8%	17,230
Pikeville, City of	F24-048L	City of Pikeville Lead Service Line Inventory	\$ 119,902	\$ 119,902	0.00%	\$ 40,792	73.6%	10,600
Ohio County Water District	F24-051L	Lead Service Line Asset Management & Inventory	\$ 185,000	\$ 185,000	0.00%	\$ 51,806	93.4%	14,967
Ashland, City of	F24-056L	Ashland Lead Service Line Inventory & Assessment	\$ 874,130	\$ 874,130	0.00%	\$ 48,535	87.5%	34,926
Mountain Water District	F24-063L	Mountain Water District Lead Service Line Inventory	\$ 435,720	\$ 435,720	0.00%	\$ 37,514	67.7%	35,094
Larue County Water District #1	F24-006	LCWD - New Treatment Plant	\$ 1,692,500	\$ 885,397	2.25%	\$ 55,374	99.9%	10,663
Springfield, City of	F24-013S	Water Main Assessment, Replacement Planning and Design WTP & Priority Area 2	\$ 4,277,500	\$ 2,237,133	1.25%	\$ 55,273	99.7%	10,757
Grayson County Water District	F24-014L	Lead Inventory and Replacement Plan	\$ 220,000	\$ 220,000	0.00%	\$ 40,654	73.3%	16,538
Rowan Water Association	F24-019L	Lead/Copper Line and Components Assessment	\$ 100,000	\$ 100,000	0.00%	\$ 43,041	77.6%	16,804
Danville, City of	F24-027L	Danville LCCR Inventory & Assessment	\$ 214,000	\$ 214,000	0.00%	\$ 44,142	79.6%	20,839
Bath County Water District	F24-033L	BCWD Lead/Copper Line and Components Assessment	\$ 100,000	\$ 100,000	0.00%	\$ 46,522	83.9%	10,083
Grayson, City of	F24-041L	Grayson Lead Service Line Inventory/Survey	\$ 450,000	\$ 450,000	0.00%	\$ 36,287	65.4%	10,995
Western Pulaski Co Water District	F24-042L	Western Pulaski Lead Service Inventory	\$ 275,000	\$ 275,000	0.00%	\$ 45,534	82.1%	17,482
Owensboro, City of	F24-055L	OMU Lead Service Line Inventory	\$ 1,000,000	\$ 1,000,000	0.00%	\$ 48,269	87.0%	60,473
Maysville, City of	F24-065L	Maysville Lead Service Line Inventory	\$ 227,500	\$ 227,500	0.00%	\$ 44,036	79.4%	11,097
Hardinsburg, City of	F24-023L	Lead Inventory/Replacement Plan	\$ 120,000	\$ 120,000	0.00%	\$ 51,690	93.2%	12,307
<b>Average</b>						\$ 41,344	74.6%	0
<b>TOTALS</b>	<b>26</b>		<b>\$ 48,348,549</b>	<b>\$ 31,436,206</b>			<b>315.6%</b>	
All subsidies were provided in the form of loan forgiveness. A borrower's entire service area or project area must have a median household income less than \$52,238 to be eligible under the 2023 Intended Use Plan. See "Additional Subsidization" in the written IUP commentary for a detailed discussion of principal forgiveness for 2023.								

**EXHIBIT 5**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED DRINKING WATER LOAN PROGRAM**  
**TOTAL DISBURSEMENTS**  
**FISCAL YEAR ENDED JUNE 30, 2024**

PROJECT NAME	LOAN NUMBER	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
<b>CAPITALIZATION GRANT FUNDS</b>						
Danville, City of	F19-042			4,597		4,597
Estill County Water District #1	F20-013	25,000				25,000
Fleming-Neon, City of	F21-004		155,058	93,849		248,907
Green-Taylor Water District	F19-018			23,696		23,696
Hazard, City of	F21-076			101,723	169,052	270,775
Hopkinsville, City of	F16-001			1,203,605	1,910,223	3,113,828
Lebanon, City of	F20-002	373,201	116,690	200,813	125,898	816,602
Morehead, City of	F19-002	955,971	8,430,787	5,852,103	4,187,810	19,426,671
Paintsville, City of	F19-009		10,000			10,000
Somerset, City of	F20-019	654,207	915,445	585,275	141,681	2,296,608
South Shore, City of	F19-041	180,300	318,924	147,095	64,693	711,011
Albany, City of	F21-045		218,150	127,774	90,556	436,479
Albany, City of	F21-009				1,698,654	1,698,654
Cumberland Falls Highway WD	F16-002	20,684	58,166			78,850
Knox County Utility Commission	F22-017	19,368	544,486			563,854
Morgan County Water District	F21-002		375,980			375,980
Northern Kentucky Water District	F20-044				3,935,000	3,935,000
Grayson County Water District	F22-002		1,280,269		321,840	1,602,109
Lyon County Water District	F20-034				25,000	25,000
Salysersville, City of	F18-002		25,000			25,000
West Liberty, City of	F20-006		94,517	166,970		261,486
Whitesburg, City of	F22-011			331,114	344,655	675,769
<b>PROJECT TOTAL</b>		<b>\$ 2,228,731</b>	<b>\$ 12,543,470</b>	<b>\$ 8,838,611</b>	<b>\$ 13,015,062</b>	<b>\$ 36,625,875</b>
<b>PROGRAM ADMINISTRATION</b>		<b>\$ 463</b>	<b>\$ 246,927</b>	<b>\$ 448,550</b>	<b>\$ 122,839</b>	<b>\$ 818,779</b>
<b>SET-ASIDES</b>		<b>\$ -</b>	<b>\$ 1,614,784</b>	<b>\$ 4,367,427</b>	<b>\$ -</b>	<b>\$ 5,982,211</b>
<b>FIRST USE TOTALS</b>		<b>\$ 2,229,194</b>	<b>\$ 14,405,181</b>	<b>\$ 13,654,588</b>	<b>\$ 13,137,901</b>	<b>\$ 43,426,865</b>
<b>CUMULATIVE TOTALS</b>		<b>\$ 2,229,194</b>	<b>\$ 16,634,375</b>	<b>\$ 30,288,964</b>	<b>\$ 43,426,865</b>	



**EXHIBIT 5**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED DRINKING WATER LOAN PROGRAM**  
**TOTAL DISBURSEMENTS**  
**FISCAL YEAR ENDED JUNE 30, 2024**

PROJECT NAME	LOAN NUMBER	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
<b>REPAYMENT FUNDS</b>						
Cave Run Water Commission	F20-021	62,219				62,219
Danville, City of	F19-042	175,828				175,828
Edmonton, City of	F19-004	63,579				63,579
Estill County Water District #1	F20-013	7,508				7,508
Lebanon, City of	F20-002	629,484				629,484
Morehead, City of	F19-002	3,735,896				3,735,896
Somerset, City of	F20-019	197,604				197,604
South Shore, City of	F19-041	200,654				200,654
Albany, City of	F21-045	380,514	754,709			1,135,223
Cumberland Falls Highway WD	F16-002	14,945				14,945
Knox County Utility Commission	F22-017	292,877				292,877
Morgan County Water District	F21-002	396,237				396,237
Grayson County Water District	F22-002	4,913,258				4,913,258
Salysersville, City of	F18-002	26,550				26,550
<b>PROJECT TOTAL</b>		<b>\$ 11,097,154</b>	<b>\$ 754,709</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 11,851,864</b>
<b>GRAND TOTAL</b>						
		<b>\$ 13,326,348</b>	<b>\$ 15,159,891</b>	<b>\$ 13,654,588</b>	<b>\$ 13,137,901</b>	<b>\$ 55,278,729</b>

**EXHIBIT 6**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED DRINKING WATER LOAN PROGRAM**  
**PROPORTIONATE FEDERAL SHARE THROUGH CASH DRAWS**  
**FISCAL YEAR ENDED JUNE 30, 2024**

	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
<b>DISBURSEMENT SCHEDULE</b>					
<b>SELECT DISBURSEMENTS</b>					
FIRST ROUND	\$ 2,228,731	\$ 12,543,470	\$ 8,838,611	\$ 13,015,062	\$ 36,625,875
ADMINISTRATION	463	246,927	448,550	122,839	818,779
SET-ASIDES	0	1,614,784	4,367,427	0	5,982,211
REPAYMENT	11,097,154	754,709	0	0	11,851,864
REVENUE BONDS	0	0	0	0	0
<b>TOTAL SELECT DISBURSEMENTS</b>	\$ 13,326,348	\$ 15,159,891	\$ 13,654,588	\$ 13,137,901	\$ 55,278,729
<b>CUMULATIVE TOTAL</b>	\$ 13,326,348	\$ 28,486,239	\$ 42,140,827	\$ 55,278,729	
<b>CASH DRAW FROM LINE OF CREDIT</b>	\$ 2,229,194	\$ 11,440,281	\$ 13,654,589	\$ 9,534,339	\$ 36,858,402
<b>STATE SHARE</b>	\$ -	\$ 2,964,900	\$ -	\$ 3,603,562	\$ 6,568,462
<b>CASH DRAWS AS % OF DISBURSEMENTS</b>	17%	75%	100%	73%	67%

**EXHIBIT 7**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED DRINKING WATER LOAN PROGRAM**  
**AMENDED FINANCIAL PROGRAM OVERVIEW**  
**FISCAL YEAR ENDED JUNE 30, 2024**

Reference	Capitalization Grant FFY:	2016	2017	2018	2019	2020	2021	2022	2023	Totals
	Capitalization Grant Award Date:	9/27/2016	9/19/2017	8/14/2018	8/28/2019	9/30/2020	8/26/2021	2/8/2023	9/28/2023	
	Capitalization Grant Award Amount:	\$12,941,000	\$12,830,000	\$18,303,000	\$18,132,000	\$18,144,000	\$18,294,000	\$11,547,000	\$69,596,000	\$418,340,200
	DWSRF Program Administration (4%):	517,640	513,200	732,120	725,280	725,760	725,080	461,880	2,783,840	14,983,264
1452(g)(2)	DOW (3%)	388,230	384,900	549,090	543,960	544,320	543,810	346,410	2,087,880	10,801,532
1452(g)(2)	KIA (1%)	129,410	128,300	183,030	181,320	181,440	181,270	115,470	695,960	4,181,732
	State Program Management (up to 10% available):	1,294,100	1,283,000	1,830,300	1,813,200	1,814,400	1,812,700	1,154,700	6,959,600	38,562,044
1452(g)(2)(A)	Supplement PWSS Program	1,294,100	1,283,000	1,830,300	1,813,200	1,814,400	1,812,700	1,154,700	6,959,600	37,617,217
1452(g)(2)(B)	SWP Technical Assistance	0	0	0	0	0	0	0	0	251,176
1452(g)(2)(C)	Develop/Implement Capacity Development Strategy	0	0	0	0	0	0	0	0	344,023
1452(g)(2)(D)	Develop/Implement Operator Certification Program	0	0	0	0	0	0	0	0	349,628
1452(g)(2)(D)	Small Systems Technical Assistance (2% maximum):	258,820	256,600	366,060	362,640	362,880	362,540	230,940	1,391,920	7,699,130
	State/Local Assistance (up to 15%-10% maximum):	1,941,150	1,924,500	2,745,450	2,719,800	2,721,600	2,719,050	1,732,050	10,439,400	44,143,360
1452(k)(2)(A)	Land Acquisition and Conservation Easements	0	0	0	0	0	0	0	0	759,630
1452(k)(2)(E)	Wellhead Protection Program	388,230	384,900	549,090	543,960	544,320	543,810	346,410	2,087,880	8,387,575
1452(k)(2)(D)	Source Water Assessment Program:	258,820	256,600	366,060	362,640	362,880	362,540	230,940	1,391,920	5,300,612
1452(k)(2)(C)	Capacity Development – TMF assistance	1,294,100	1,283,000	1,830,300	1,813,200	1,814,400	1,812,700	1,154,700	6,959,600	29,695,543
	Total Grant Set-Asides:	4,011,710	3,977,300	5,673,930	5,620,920	5,624,640	5,619,370	3,579,570	21,574,760	105,387,798
	Project Funds:	8,929,290	8,852,700	12,629,070	12,511,080	12,519,360	12,674,630	7,967,430	48,021,240	312,952,402
	Kentucky Matching Dollars:	2,588,200	2,566,000	3,660,600	3,626,400	3,628,800	3,658,800	2,309,400	3,799,100	56,061,840
	Total Project Fund:	11,517,490	11,418,700	16,289,670	16,137,480	16,148,160	16,333,430	10,276,830	51,820,340	369,014,242

**EXHIBIT 8**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED DRINKING WATER LOAN PROGRAM**  
**SOURCE AND ALLOCATION OF SRF FUNDS**  
**FISCAL YEAR ENDED JUNE 30, 2024**

CUMULATIVE SOURCES		FY 2023 DISBURSEMENTS				
	TOTAL	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	TOTAL
Capitalization Grants	\$ 312,952,402	\$ 2,228,731	\$ 9,578,570	\$ 8,838,611	\$ 9,411,500	\$ 30,057,413
State Matching Funds	56,061,840	0	2,964,900	0	3,603,562	6,568,462
Program Administration	14,983,264	463	246,927	448,550	122,839	818,779
Other Set Asides	90,404,534	0	1,614,784	4,367,427	0	5,982,211
Revenue Bond Proceeds (Net)	80,000,000	0	0	0	0	0
<b>TOTALS</b>	<b>\$ 554,402,040</b>	<b>\$ 2,229,194</b>	<b>\$ 14,405,181</b>	<b>\$ 13,654,588</b>	<b>\$ 13,137,901</b>	<b>\$ 43,426,865</b>

**EXHIBIT 9**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED DRINKING WATER LOAN PROGRAM**  
**ADMINISTRATIVE AND SET-ASIDE EXPENSES**  
**FISCAL YEAR ENDED JUNE 30, 2024**

	<b>SET-ASIDE DISBURSEMENTS</b>				
	<b>QTR 1</b>	<b>QTR 2</b>	<b>QTR 3</b>	<b>QTR 4</b>	<b>TOTAL</b>
Administration	\$ 463	\$ 246,927	\$ 448,550	\$ 122,839	\$ 818,779
Technical Assistance	0	115,123	423,532	0	538,655
State Programs	0	410,298	2,093,409	0	2,503,707
Local Assistance	0	1,089,362	1,850,487	0	2,939,850
<b>Total Set-Aside Expenses</b>	<b>\$ 463</b>	<b>\$ 1,861,710</b>	<b>\$ 4,815,977</b>	<b>\$ 122,839</b>	<b>\$ 6,800,989</b>

**EXHIBIT 12**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**FEDERALLY ASSISTED DRINKING WATER REVOLVING LOAN PROGRAM**  
**REPORT OF ANNUAL LOAN REPAYMENTS**  
**FISCAL YEAR ENDED JUNE 30, 2024**

		Number of Days Past Due			
Loan Number	Loans Outstanding	Total	0 - 30	31 - 120	121 and Over
F18-002	Salyersville, City of	63.15	0	0	63.15
F18-002	Salyersville, City of	1,688	0	0	1,688
F18-002	Salyersville, City of	1,625	0	1,625	0
F18-002	Salyersville, City of	1,621	0	1,621	0
F18-002	Salyersville, City of	1,620	1,620	0	0
TOTALS		<u>\$ 6,617</u>	<u>\$ 1,620</u>	<u>\$ 3,246</u>	<u>\$ 1,751</u>