Water & Sewer Infrastructure Planning

Investing in the Future of Your Community

50th Annual Governor's Local Issues Conference

August 20, 2026

Water Resource Information System

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Kentucky Infrastructure Authority — Funding Infrastructure for a Sustainable Future — KIA — Office of the Governor

Is your community ready?

- For the next natural disaster
- For economic growth
- For maintaining quality water & sewer service
- Kentucky needs $8.2 billion for drinking water & $6.2 billion for sewer infrastructure over the next 20 years

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Water Supply Plan

- 401 KAR 4:220
- Counties develop, update, & implement plan
- Contents:
  - Water resources inventory
  - 20-year demand projections,
  - ID potential contamination sources
  - Management strategies
- Division of Water implementation

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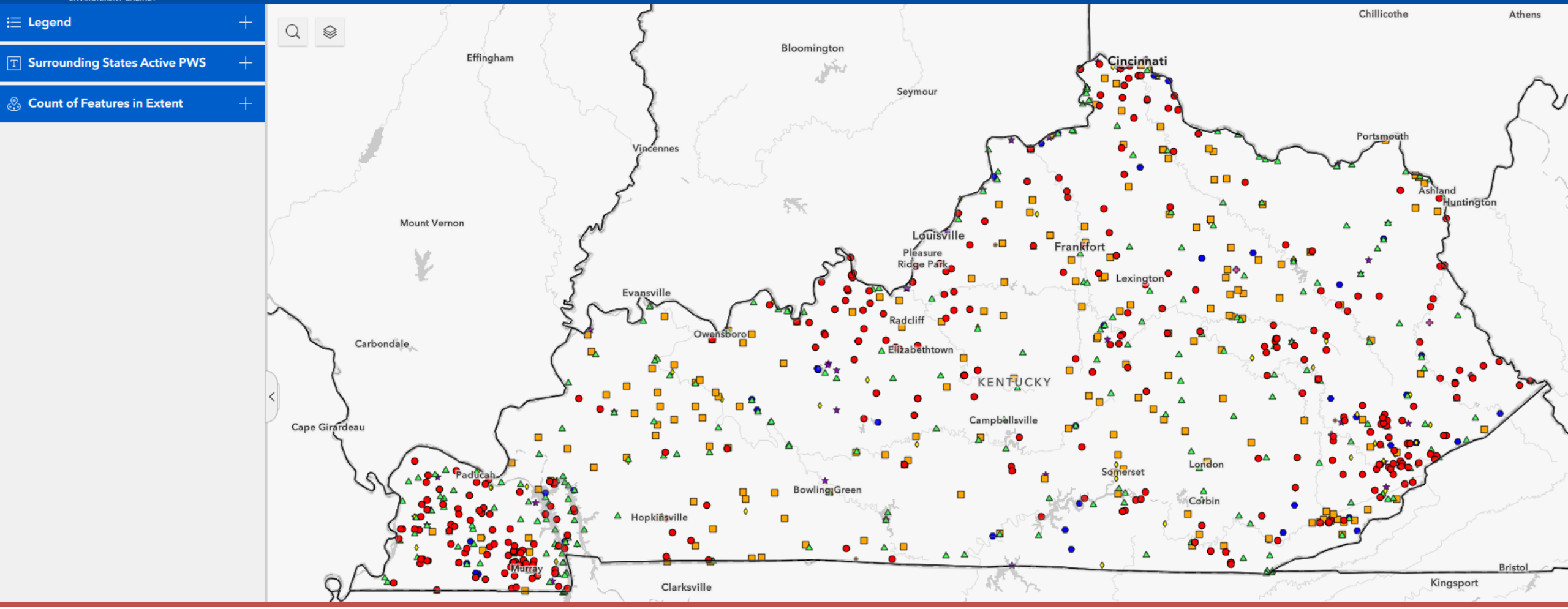
Water Resource Development

- Executive Order 96-1339
- Assessed water & sewer utilities
- Developed strategic plan to improve water service

Regionalization of Public Water Systems in Kentucky



- In 1999
  - 678 public drinking water systems
  - Nearly 85% of Kentuckians received water from a public drinking water system

Utility Challenges

Water Supply

Un-accounted Water

Infrastructure Needs

New Regulations

Planning Data

Rural Fire Protection

Public Health

Funding Sources

Accounting

Institutional Barriers

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Provision of Water Service

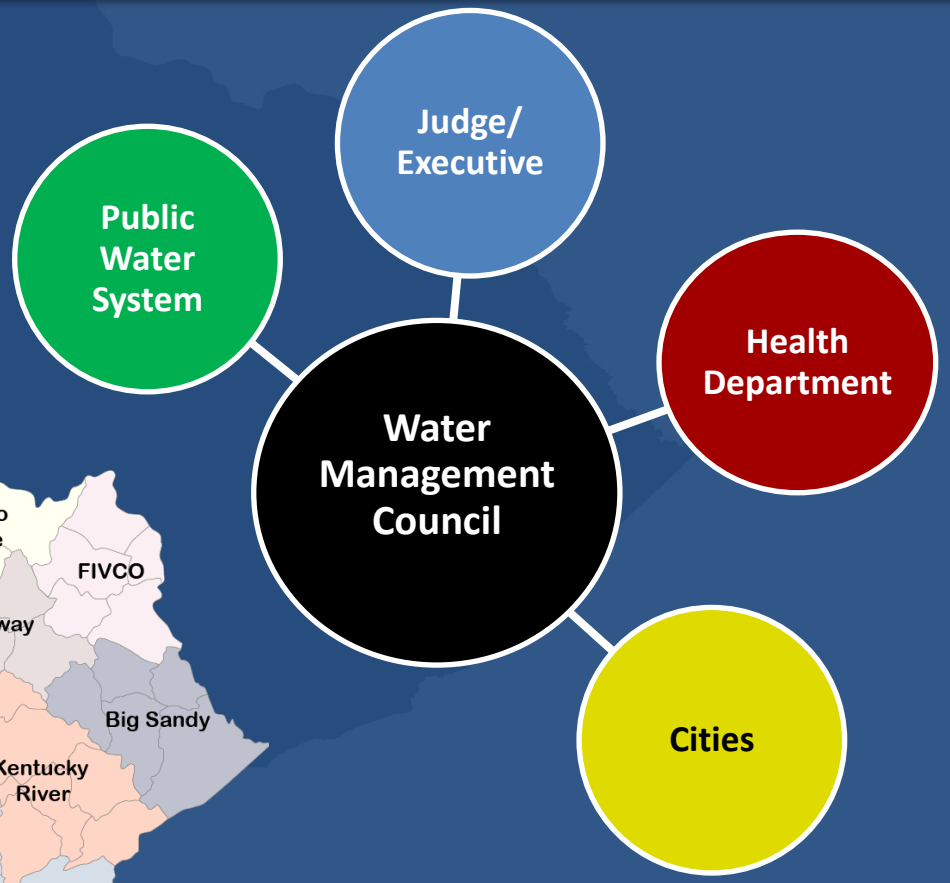
- KRS 224A.300
- KIA shall implement a program for infrastructure, security, & safety of water & sewer systems
- KIA shall manage the Water Resource Information System (WRIS)
- WRIS data shall be updated at least annually
- Utilities using KIA funds shall provide current information regarding the technical, managerial, and financial aspects of the system

Water Management Areas

- KRS 224A.302
- Established by Area Development District (ADD)
- Boundaries determined by geography, topography, & potential integration of existing water systems

Water Management Planning Council

- KRS 151.601
- **<u>County & Multicounty</u>**
- ADDs hold quarterly meetings for chairpersons
- Develop regional service strategies consistent with KRS 224A.300



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Function of Planning Council

Improve Water Service

Merger & Consolidation

Unserved & Underserved Areas

- KRS 151.603
- Develop a plan consistent with:
  - Long-term water supply plan (KRS 151.115)
  - Water supply planning process (KRS 151)
- Council shall implement water supply planning process

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Water Service Coordinator

- KRS 151.605
- AKA Water Management Coordinator
- Employed by ADD
- Planning Representative – implements planning process (KRS 151.603)
- KIA supplements funding for one (1) position per ADD
- Accomplish purposes in KRS 224A.300
- System visits (Annual)
- Water Management Plan

Water & Wastewater Management Plan

- Shall include:
  - Strategy for improving reliability & resiliency
  - Strategy for unserved & underserved areas
  - Needs Forecast (5-year increments)
  - Consideration of merger, consolidation, and management
- Shall be consistent with Long-term Water Supply Plan
- Achieve purpose of KRS 224A.300

Prioritization of Planning Council Plans

- KRS 151.607
- ADD reviews & prioritizes Planning Councils' plans for water service
- Factors to be considered:
  - Benefit to current & potential customer base
  - Adequacy, dependability, cost-effectiveness
  - Consolidation/merger of management or operations for efficiency & affordability

KIA Primary Functions

- Provide technical support to the Water Management Councils
- Administer Loan Programs for eligible infrastructure projects
- Administer Grants identified by the General Assembly, including water and sewer projects
- Maintain the Water Resource Information System (WRIS) and

Eligibility

Projects

- Construction or acquisition of treatment works, distribution facilities, water resources
- Carrying out the purposes set in KRS 224A.300

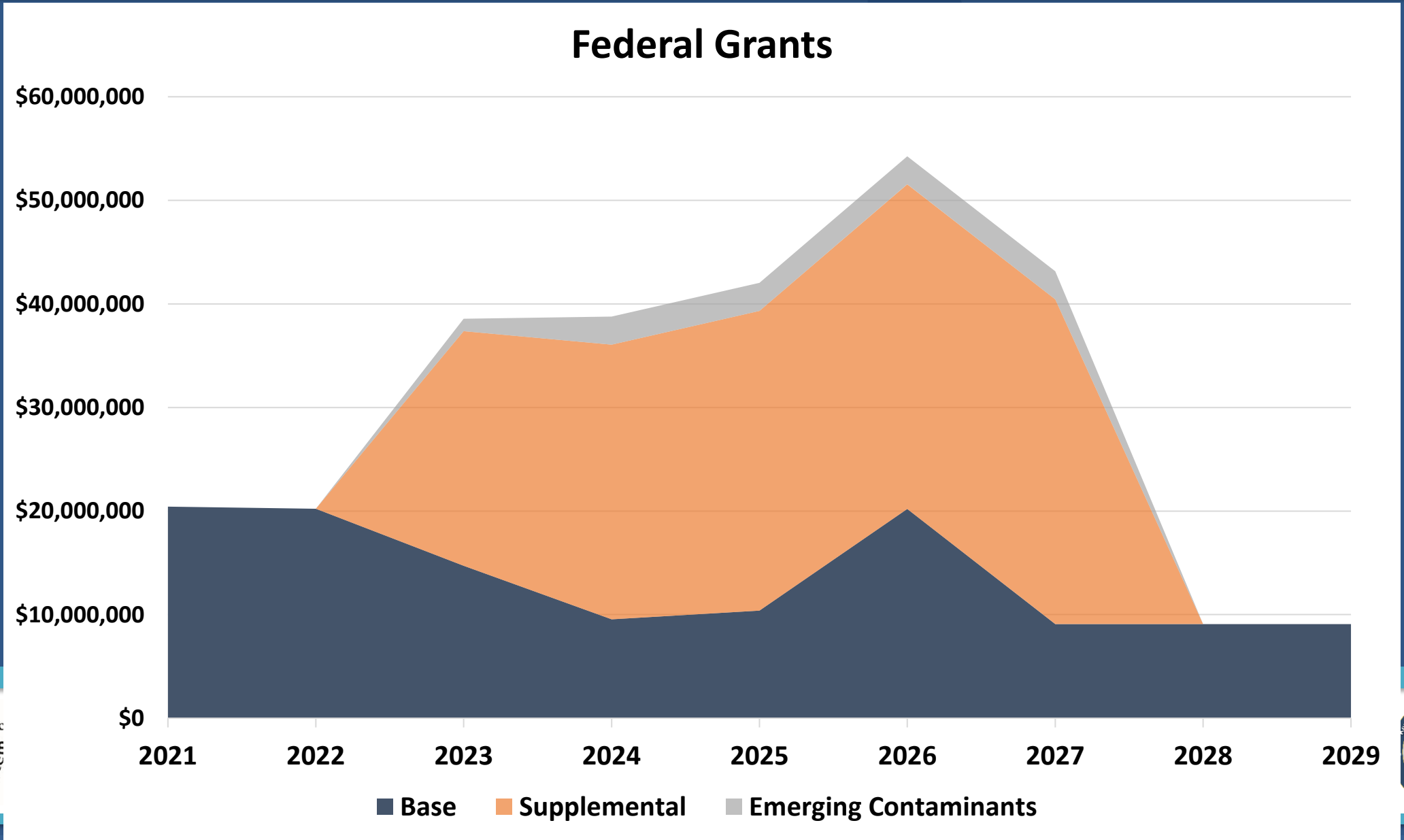
Borrowers – Governmental Agencies

- City
- County
- Water and Sewer/Sanitation District
- Water Association
- Water Commission

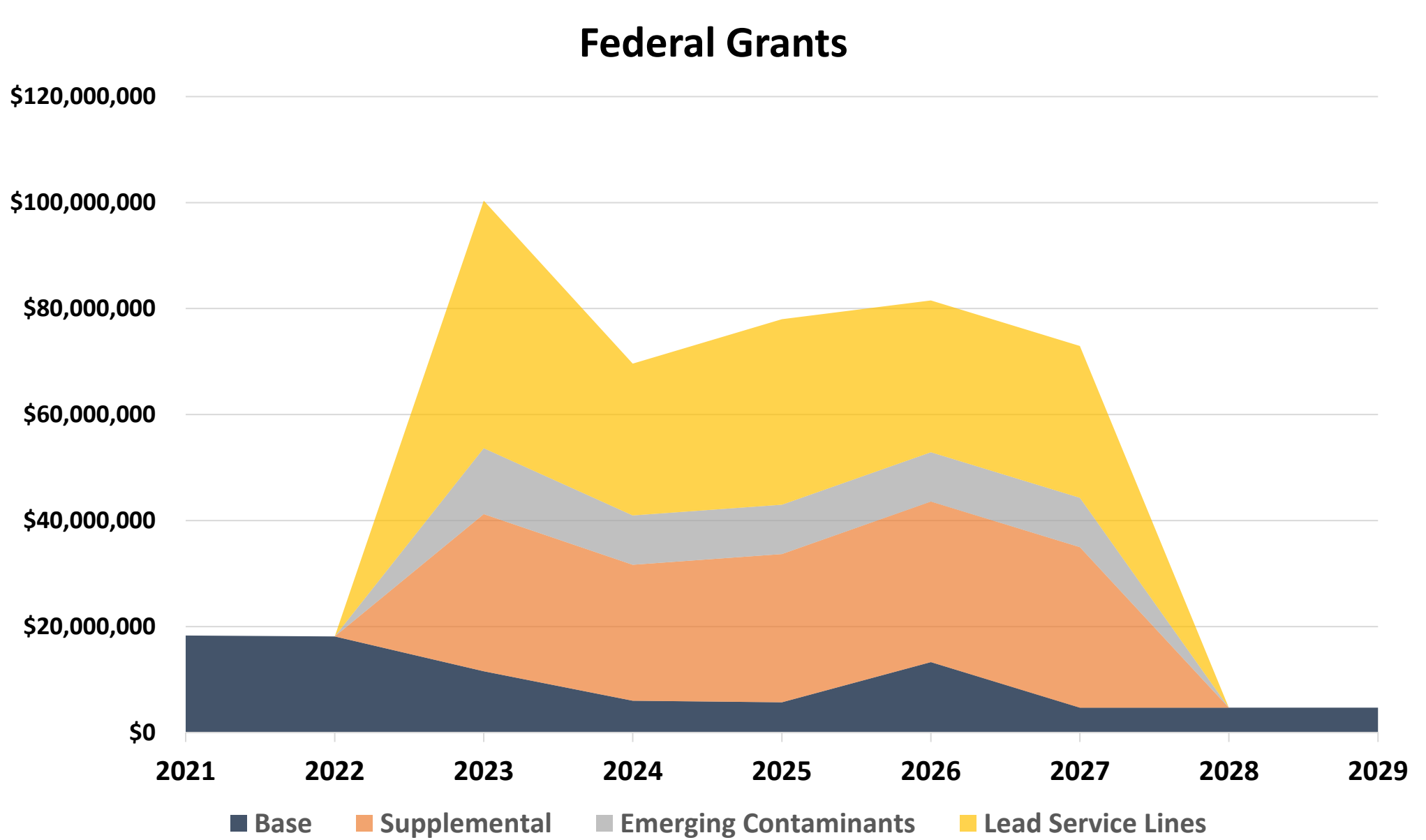
KIA Programs

- Clean Water State Revolving Fund (Fund A) - Federal
- Drinking Water State Revolving Fund (Fund F) - Federal
- Infrastructure Revolving Fund (Fund B) - State
- Governmental Agencies Program (Fund C) - State
- Water & Wastewater Assistance for Troubled or Economically Restrained Systems - State

CWSRF Funding Cliff



DWSRF Funding Cliff



SRF Program Demand

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Getting Started

- Contact ADD Water Management Coordinator
- Pre-Application Form
  - Project description/need
  - Budget
  - Project schedule
  - Detailed project info
- WRIS Project Profile

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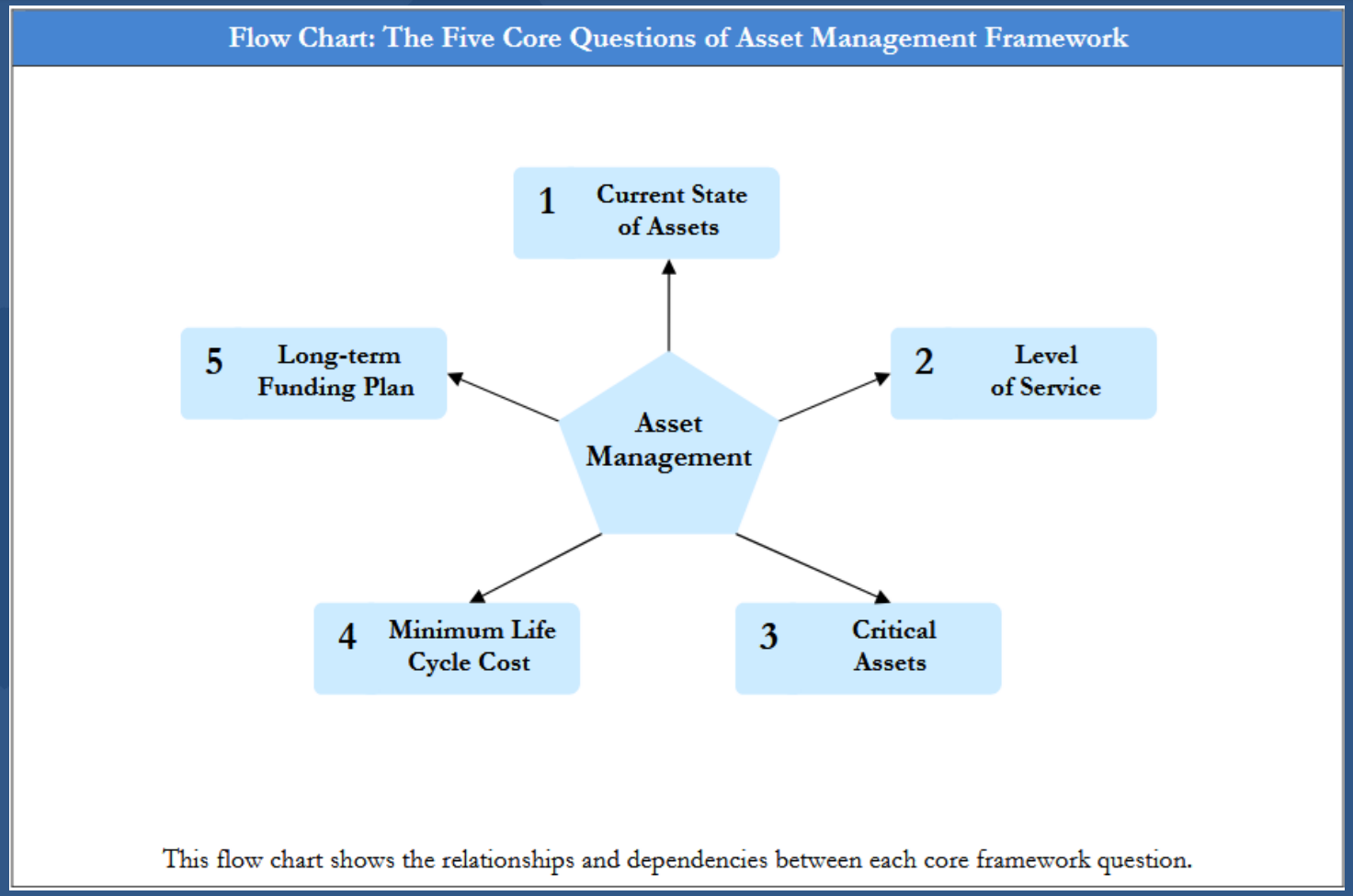
Asset Management Planning

- EPA Best Practices Guide
- Maintaining desired level of service at lowest lifecycle cost



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WRIS Portal

kia.ky.gov/WRIS/Pages/WRIS-Portal.aspx

Donate to the Team Kentucky Storm Relief Fund at **TeamKYStormReliefFund.ky.gov**

Ky.gov An Official Website of the Commonwealth of Kentucky

Search

Kentucky
Infrastructure Authority

Information | KIA Board | Financial Assistance | WRIS | Kentucky WWaters | 2024 Line Item Grants | Training | Subscribe for Updates

- Water Resource Info System
- WRIS Portal
- Internet Mapping
- ADD Directors
- Water Management Coordinators
- ADD GIS Staff
- Management Plans

/ WRIS / WRIS Portal

WRIS Portal

The WRIS Portal has been developed through the cooperative ... treatment systems and local, regional and state agencies. It is used by all these entities, and provides much of the information needed f ... and emergency management decision making. The WRIS portal is designed to bring together information from a multitude of sources and ... easy to use web application. The Portal is linked to databases at the Kentucky Division of Water, Kentucky Department for Environmental Pr ... for Local Government, the Kentucky Public Service Commission, Kentucky Department of Education, Kentucky Department of Parks, Ky ... ucture Authority.

WRIS Portal information originating from KIA is maintained by the Kentucky Area Development Districts by system visits they perform twice a year to each drinking water systems and wastewater treatment systems in the Commonwealth.

WRIS – System Data

wris.ky.gov/portal/SysData.aspx

Kentucky.gov

Kentucky WRIS Portal

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- About Us
- Loan Programs
- Loan Calculator
- WRIS
- Internet Mapping
- WRIS Portal
- System Data
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- SRF Project Funding
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- Downloadable Reports
- Water Management Coordinators
- ADD GIS Staff
- Legislation & Regulations

WRIS Contact

Don Schierer
502-892-3486
E-mail

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WRIS System Data

Search the WRIS for drinking water or waste water systems by entering any combination of the following fields:

DOW Permit Category: Drinking Water (PWSID)
System Type:
Owner Entity Type:
Area Development District:
County:
Serviced City: Frankfort
* System or Permit Name:
* DOW Permit Number:

Clear Query | Submit Query

Division of Water (DOW) Permit Categories:

- Drinking Water (PWSID):
  - DOW Drinking Water Page
- Wastewater Discharge:
  - DOW Wastewater Discharge Page

Fields marked with an asterik (*) indicates a fuzzy search will be performed on those fields.

4 records found. Download PDF | Download Excel

DOW Permit ID	Type	System Name DOW Permit Name	Serviced City	County	ADD ID	Date Last Visit
KY0370128	C	Farmdale Water District Farmdale Water District	Frankfort	Franklin	BGADD	04-04-2025
KY0370143	C	Frankfort Plant Board Frankfort Plant Board	Frankfort	Franklin	BGADD	02-26-2025
KY1060324	C	North Shelby Water District North Shelby Water District	Bagdad	Shelby	KIPDA	03-25-2025
KY0370346	C	Peaks Mill Water District Peaks Mill Water District	Frankfort	Franklin	BGADD	03-10-2025

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- About Us
- Loan Programs
- Loan Calculator
- WRIS
- Internet Mapping
- WRIS Portal
- System Data
- Project Profile Data
- Cleaner Water Program Funding
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Drinking Water System Information:

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DLG SPGE Information

DOW Permit ID: **KY0370143**
DOW Permit Type: **Drinking Water (PWSID)**
DOW Permit Name: **Frankfort Plant Board**
WRIS System Name: **Frankfort Plant Board**
System Type: **Community** Water Source Type: **Surface Water**
ADD ID: BGADD Primary County: **Franklin** DOW FieldOffice: **Frankfort**
River Basin(s): WTP: **Kentucky** Distribution: **Kentucky** ADD WMC Contact: Casey Cash
Permit Dates:Issued: **06-01-1977** Expires: Inactivated:

Operations & Management | Owner Entity | Fiscal Attributes | Planning | Asset Management | Maintenance | Projects | Map

Downloadable Documents

Download PSC Tariff Document 1

Note: Tariff documents apply to the owner entity of this system and may not reflect sales summarized in the Fiscal Attributes tab presented on this page.

Download Fee Schedule

Primary Facility Information

☑ This is a treatment facility.
☐ This is a maintenance facility.

Facility Name:	Frankfort Plant Board Water Treatment Plant
Facility Contact:	Brandon Powers
Facility Phone:	502-352-4347
Facility Addr1:	200 Coffee Tree Road
Facility Addr2:	
Facility City, State Zip:	Frankfort , KY 40601
Date Last Modified:	06.21.2022

System Management Entity Information

Entity Name:	Frankfort Electric & Water Plant Board
Office Phone:	502-352-4407 Fax: 502-227-9654
Office Address 1:	305 Hickory Drive
Office Address 2:	

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WRIS System Data – Fiscal Attributes

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- About Us
- Loan Programs
- Loan Calculator
- WRIS
- Internet Mapping
- WRIS Portal
- System Data
- Project Profile Data
- Cleaner Water Program Funding
- SRF Project Funding
- Area Water Management Planning Councils
- Downloadable Reports
- Water Management Coordinators
- ADD GIS Staff
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System Statistics		
	Date Established:	01.01.1943
	Employees:	209
Does this system:		
(a)	Produce water?	Yes
(b)	Have wholesale customers?	Yes
(c)	Purchase water?	No
What is the cost per 4,000 gallons of finished water for:		
(a)	Municipal system, customers within the municipality:	$33.11
(b)	Municipal system, customers outside the municipality:	$36.87
(c)	Non-municipal system, all customers:	
	Date of Last Rate Adjustment:	08.01.2024

System Demographics

Demographic Type	Population	Households
Directly Serviceable:	38,606	18,717
Indirectly Serviceable:	75,213	30,559
Total Serviceable:	113,819	49,276

Counties directly serviceable by this system: 3

MHI Basis: 2026: ACS 2019-2023 5yr Estimates

County Name	Service Connections	Serviceable Population	Serviceable Households	Med HH Income	MHI MOE
Anderson	1	2	1	$ 60,682	$ 31,164
Franklin	16,524	37,456	18,127	$ 62,721	$ 8,589
Woodford	545	1,148	589	$ 86,335	$ 16,517
Totals / Weighted Average	17,070	38,606	18,717	$ 63,450	$ 8,835

Population and household counts are based on a proximity analysis of relevant service lines to census block boundaries published for the 2020 Census DEC Redistricting Data (PL 94-171) dataset.

Med HH Income (MHI) Source is from the American Community Survey 2019-2023 5 Yr Estimates (Table B19013) for the service area of this system.

MHI MOE = Med HH Income Margin of Error.

Comments:

Cost for finished water is $2.55 for all wholesale customers (except Georgetown is $3.94).

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Office of the Governor

- About Us
- Loan Programs
- Loan Calculator
- WRIS
- Internet Mapping
- WRIS Portal
- System Data
- Project Profile Data
- Cleaner Water Program Funding
- SRF Project Funding
- Area Water Management Planning Councils
- Downloadable Reports
- Water Management Coordinators
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Operations & Management | Owner Entity | Fiscal Attributes | Planning | Asset Management | Maintenance | Projects | Map

Water Treatment Plants:

Facility Name	Design Capacity (MGD)	Ave. Daily Prod. (MGD)	High Daily Prod. (MGD)
FRANKFORT WTP	18.000	6.956	10.716
Totals	18.000	6.956	10.716

Production Statistics:

	WRIS	SDWIS MOR
Total Annual Vol. Produced (MG):	2,730.200	2,986.122
Total Annual Vol. Purchased (MG):		
Total Annual Vol. Provided (MG):	2,730.200	2,986.122
Estimated Annual Water Loss:	16%	26%

Customers and Usage:

Customer Type	Cust. Count	WRIS Usage (MG)	SDWIS MOR Usage (MG)
Wholesale:	8	738.701	649.651
Residential:	13,672	560.993	
Commercial:	2,775	803.754	
Institutional:			
Industrial:	9	182.867	
Other:	1	2.626	
Total Customers:	16,465		
Flushing, Maint. & Fire Protection:		13.966	
Total Water Usage:		2,302.907	

Water Supply Info and Comments:

Water supply inadequacies during normal operating conditions:
Not provided.

Water supply inadequacies during drought operating conditions:
Not provided.

Planning Comments:
Avg. Daily Production:
High Daily Production:

Non-Revenue (water loss) is estimated 11%

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Infrastructure Authority
Office of the Governor

- About Us
- Loan Programs
- Loan Calculator
- WRIS
- Internet Mapping
- WRIS Portal
- System Data
- Project Profile Data
- Cleaner Water Program Funding
- SRF Project Funding
- Area Water Management Planning Councils
- Downloadable Reports
- Water Management Coordinators
- ADD GIS Staff
- Legislation & Regulations

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Operations & Management | Owner Entity | Fiscal Attributes | Planning | Asset Management | Maintenance | Projects | Map

Water Lines | Water Tanks | Pump Stations | Treatment Plants

Assessment Area: 1

Size (Inches)	Material	Decade Constructed	Length (LF)	Condition Code	Performance Code	Priority Code	Project Profile
Up to 2	PE	1950	238				
Up to 2	PE	1960	4,233				
Up to 2	PE	2000	47				
Up to 2	PVC	1950	4				
Up to 2	PVC	1960	2,463				
Up to 2	PVC	1970	1,731				
Up to 2	PVC	2000	365				
3	PE	1960	12,745				
3	PVC	1960	15,793				
3	PVC	1970	1,060				
4	PE	1950	13,780				
4	PE	1960	32,629				
4	PVC	1950	4,214				
4	PVC	1960	2,021				
4	PVC	1970	104				
4	PVC	2010	55				

Total length for assessment area: 183,284 LF
Total length for entire system: 1,814,320 LF

Condition Codes	
1	New or Excellent - None or minor defects.
2	Good - Defects that have not begun to deteriorate.
3	Fair - Moderate defects that will continue to deteriorate.
4	Poor - Severe defects that will collapse/break in near future.
5	Inoperable - Defects need immediate attention.

Performance Codes	
1	Exceeds/Meets all performance targets.
2	Minor performance deficiencies.
3	Considerable performance deficiencies.
4	Major performance deficiencies.
5	Fails to meet performance targets.

Priority Codes	
0	Not a priority
1	It would be nice to have.
2	Improved system operations & maintenance (O&M) efficiency.
3	Internal safety concern or public nuisance.
4	Potential public health, safety, or environmental concern.

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Office of the Governor

- About Us
- Loan Programs
- Loan Calculator
- WRIS
- Internet Mapping
- WRIS Portal
- System Data
- Project Profile Data
- Cleaner Water Program Funding
- SRF Project Funding
- Area Water Management Planning Councils
- Downloadable Reports
- Water Management Coordinators
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Operations & Management | Owner Entity | Fiscal Attributes | Planning | Asset Management | Maintenance | Projects | Map

- [x] The management of this system participates in an Area Water Management Planning Council (AWMPC).
- [x] The management of this system participates in regular training activities.
- [x] System operator(s) participate in regular training activities.
- [x] This system has an asset management plan.
  Date asset management plan last updated: 07.01.2024
- [x] This system has a capital improvement plan.
  Date capital improvement plan last updated: 07.01.2024
- [x] This system has GIS capabilities.
  Date GIS data last submitted to the WRIS:

This system has a policy manual in place containing the following items:

- [x] Personnel Policies
- [x] Standard Operating Procedures
- [x] Line Maintenance Program
- [x] Meter Testing Program
- [x] Routine Pressure Checks
- [x] Pump Station Maintenance Schedule
- [x] Emergency Operation Procedures
- [ ] Backup Sources of Water
- [x] A Water Shortage Plan
- [x] A Water Conservation Plan

Date policy manual last updated: 05.01.2013

Date of last DOW Sanitary Survey: Month: 3 , Year: 2024

- [ ] This system has periodic service outages.
- [ ] This system has periodic pump failures.
- [x] This system has periodic line breaks.
  The following components are associated with periodic line breaks:
  Typical line size(s): **2.00**

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Kentucky Infrastructure Authority
Office of the Governor

- About Us
- Loan Programs
- Loan Calculator
- WRIS
- Internet Mapping
- WRIS Portal
- System Data
- Project Profile Data
- Cleaner Water Program Funding
- SRF Project Funding
- Area Water Management Planning Councils
- Downloadable Reports
- Water Management Coordinators
- ADD GIS Staff
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Operations & Management | Owner Entity | Fiscal Attributes | Planning | Asset Management | Maintenance | Projects | Map

☐ Include constructed projects in this list.

The following projects are associated with this system:

PNum	Applicant	Project Title	Project Status	Funding Status	Schedule (yrs)	Project Cost	Agreed Order	Dates Modified	
								Profile	GIS
WX21073012	Frankfort Plant Board	Frankfort Plant Board Water Storage Improvement Project	Under Construction	Partially Funded	0-2 Years	$7,454,880	N	02-28-2023	03-08-2023
WX21073022	Frankfort Plant Board	Frankfort Plant Board - Advance Metering Infrastructure Project	Approved	Not Funded	0-2 Years	$3,260,000	N	10-05-2020	04-14-2020
WX21073023	Frankfort Plant Board	Frankfort Plant Board Ammonia and Sulfuric Improvements Project	Approved	Not Funded	0-2 Years	$1,950,000	N	03-07-2023	04-14-2020
WX21073033	Frankfort Plant Board	FPB - Taylor Rd to Versailles Rd Waterline Extension	Approved	Not Funded	0-2 Years	$250,785	N	10-25-2022	10-11-2022
WX21073037	Frankfort Plant Board	FPB - Logan/E. 3rd Street - Water Main and LCSL Replacement	Approved	Not Funded	0-2 Years	$1,050,077	N	12-06-2023	12-08-2023
WX21239018	Woodford County Fiscal Court	Frankfort Plant Board Buck Run Road Water Line Extension	Approved	Not Funded	0-2 Years	$106,000	N	11-19-2021	06-05-2017
WX21239023	Woodford County Fiscal Court	Woodford County Germany, Shore Acres, Foraker, Watts Ferry & Hippe Agee Project	Approved	Fully Funded	3-5 Years	$1,254,000	N	04-01-2024	02-22-2022

<< Return to previous page. < Click here instead of the browser's Back button to view the last saved page.

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WRIS Project Profiles

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WRIS Portal

The WRIS Portal has been developed through the cooperative efforts of water and wastewater treatment systems and local, regional and state agencies. It is used by all these entities, and provides much of the information needed for all aspects of water planning and emergency management decision making. The WRIS portal is designed to bring together information from a multitude of sources and display that information in one easy to use web application. The Portal is linked to databases at the Kentucl Division of Water, Kentucky Department for Environmental Protection, Kentucky Department for Local Government, the Kentucky Public Service Commission, Kentucky Department of Education, Kentucky Department of Parks, KyWARN, and the Kentucky Infrastructure Authority.

WRIS Portal information originating from KIA is maintained by the Kentucky Area Development Districts by system visits they perform twice a year to each drinking water systems and wastewater treatment systems in the Commonwealth.

WRIS Portal Links

WRIS Project Profiles

wris.ky.gov/portal/PrjData.aspx 80%

- About Us
- Loan Programs
- Loan Calculator
- WRIS
- Internet Mapping
- WRIS Portal
- System Data
- Project Profile Data
- Cleaner Water Program Funding
- SRF Project Funding
- Area Water Management Planning Councils
- Downloadable Reports
- Water Management Coordinators
- ADD GIS Staff
- Legislation & Regulations

WRIS Contact

Don Schierer
502-892-3486
E-mail

TeamKentucky

Search the WRIS for drinking water or waste water projects by entering any combination of the following fields:

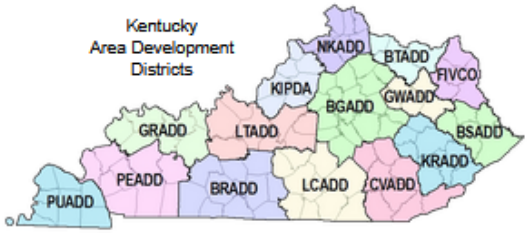
Regulatory Framework: Safe Drinking Water Act (Water)
Area Dev. Dist. (ADD):
Legislative District:
Planning Unit:
Primary County:
Project Status:
Funding Status:
Project Applicant: Frankfort Plant Board
Project Beneficiary:
KIA Loan Number:
Project Administrator.:
Project Engineer:
Project Number*:
Project Title*:

☐ Include constructed projects in this search.

Clear Query | Submit Query

* Indicates a fuzzy search will be performed on these fields.

Kentucky Area Development Districts



Legislative District Options	
District Type	Sort Option
◉ Kentucky House	◉ By District Number
○ Kentucky Senate	○ By Legislator
○ Congressional	

Document Downloads
Download CWSRF Guidance Document
Download DWSRF Guidance Document
Download Clean Water Pre-Application Form
Download Drinking Water Pre-Application Form
Download Asset Management Plan and Service Line Inventory Verification Form

7 records found. Click here to view results.

7 records found.

Download PDF | Download Excel

PNum	Primary County	Applicant	Project Title	Project Status	Funding Status	Schedule (yrs)	Project Cost	Profile Modified	GIS Modified
WX21073012	Franklin	Frankfort Plant Board	Frankfort Plant Board Water Storage Improvement Project	Under Construction	Partially Funded	0-2 Years	$7,454,880	02-28-2023	03-08-2023
WX21073022	Franklin	Frankfort Plant Board	Frankfort Plant Board - Advance Metering Infrastructure Project	Approved	Not Funded	0-2 Years	$3,260,000	10-05-2020	04-14-2020
WX21073023	Franklin	Frankfort Plant Board	Frankfort Plant Board Ammonia and Sulfuric Improvements Project	Approved	Not Funded	0-2 Years	$1,950,000	03-07-2023	04-14-2020
WX21073030	Franklin	Frankfort Plant Board	FPB - Slickaway Rd Waterline Extension Project	Withdrawn	Not Funded	0-2 Years	$146,000	01-14-2022	
WX21073032	Franklin	Frankfort Plant Board	US 60 Waterline Extension	Withdrawn	Not Funded	0-2 Years	$104,500	09-07-2022	02-09-2022
WX21073033	Franklin	Frankfort Plant Board	FPB - Taylor Rd to Versailles Rd Waterline Extension	Approved	Not Funded	0-2 Years	$250,785	10-25-2022	10-11-2022

Project Profile – Narrative

<< Return to previous page. < Click here instead of the browser's Back button to view the last saved page.

Drinking Water Project Profile:

Download Profile (PDF) View Map

Project Title:	Lebanon Water Works 2024 Improvements - Meters		
Project Number:	WX21155063	AWMPC:	LTADD
Funding Status:	Not Funded	Date Approved by AWMPC:	11.14.2023
Project Status:	Approved	Primary County:	Marion
Project Schedule:	0-2 Years	Planning Unit:	Marion
E-ClearingHouse SAI:		ECH Status:	
Primary System:	KY0780241 Lebanon Water Works Co Inc	ADD WMC Contact:	Jeff Noel
Legal Applicant:	City of Lebanon		
Entity Type:	Incorporated City		

Narrative | Applicant | Administration | Budget & Schedule | Impacts | Components | Sustainable Infrastructure | Audit | Map

Project Title:

Lebanon Water Works 2024 Improvements - Meters

Project Description:

Replace all existing traditional water meters that are approximately 20 years old. (approx. 1,000 meters left to replace) with new, more accurate AMR or AMI/smart meter radio-read type water meters to help reduce non-revenue water. Additionally, labor efficiencies will be enhanced with the installation of AMI meters. This will result in customer usage gathering in a more timely, safer manner. Also, the project will include the assessment and mitigation of potential water quality issues throughout the distribution system with the installation of check valves and backflow prevention devices on susceptible customer connections as well as new service lines.

Need For Project:

Briefly describe how this project promotes public health or achieves and/or maintains compliance with the Clean Water Act or Safe Drinking Water Act:

The current meters are near the end of their life. In order to increase the reliablility of the current meters they need to be changed out.

Water Resource Information System

Kentucky Infrastructure Authority — Funding Infrastructure — KIA — for a Sustainable Future — Office of the Governor

Project Profile – Applicant

wris.ky.gov/portal/DwPrjData/WX21155063

Kentucky Infrastructure Authority
Office of the Governor

- About Us
- Loan Programs
- Loan Calculator
- WRIS
- Internet Mapping
- WRIS Portal
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E-mail

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Drinking Water Project Profile:

Download Profile (PDF) View Map

Project Title: **Lebanon Water Works 2024 Improvements - Meters**

Project Number: **WX21155063**
Funding Status: **Not Funded**
Project Status: **Approved**
Project Schedule: **0-2 Years**
E-ClearingHouse SAI:
Primary System: **KY0780241 Lebanon Water Works Co Inc**
Legal Applicant: **City of Lebanon**
Entity Type: **Incorporated City**

AWMPC: **LTADD**
Date Approved by AWMPC: **11.14.2023**
Primary County: **Marion**
Planning Unit: **Marion**
ECH Status:
ADD WMC Contact: **Jeff Noel**

Narrative | Applicant | Administration | Budget & Schedule | Impacts | Components | Sustainable Infrastructure | Audit | Map

Entity Information

Entity Type:	Incorporated City		
Entity Name:	City of Lebanon		
PSC Group ID:	8803400		
Office EMail:	nblack@lebanonky.org		
Web URL:			
Office Phone:	270-692-6272	Fax:	270-692-4638

Entity Address Information

	Mail Address	Physical Address
Address Line 1:	PO Box 840	
Address Line 2:		
City, State Zip:	Lebanon , KY 40033	

Entity Contact Information

Contact Type	Name	Title	EMail	Phone	Cell
Business Contact:	Gina N. Wheatley	City Clerk	nblack@lebanonky.org	270-692-6272	
Authorized Official:	Gary D. Crenshaw	Mayor	gdcrenshaw@icloud.com	270-692-6272	

Information Source: Kentucky Department for Local Government
Date Last Modified: **08.14.2025**

<< Return to previous page. < Click here instead of the browser's Back button to view the last saved page.

Project Profile – Administration

wris.ky.gov/portal/DwPrjData/WX21155063

Kentucky Infrastructure Authority
Office of the Governor

- About Us
- Loan Programs
- Loan Calculator
- WRIS
- Internet Mapping
- WRIS Portal
- System Data
- Project Profile Data
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Drinking Water Project Profile:

Download Profile (PDF) View Map

Project Title:	Lebanon Water Works 2024 Improvements - Meters		
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Project Status:	Approved	Primary County:	Marion
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E-ClearingHouse SAI:		ECH Status:	
Primary System:	KY0780241 Lebanon Water Works Co Inc	ADD WMC Contact:	Jeff Noel
Legal Applicant:	City of Lebanon		
Entity Type:	Incorporated City		

Narrative | Applicant | Administration | Budget & Schedule | Impacts | Components | Sustainable Infrastructure | Audit | Map

Project Administrator (PA) Information

Name:	Holly L Nicholas
Title:	Project Administrator
Organization:	Kentucky Engineering Group, PLLC
EMail:	hnicholas@kyengr.com
Phone:	859-251-4127 Fax: 859-333-9742
Address Line 1:	PO Box 1034
Address Line 2:	
City, State Zip:	Versailles , KY 40383

Project Engineer (PE) Information

☐ This project requires a licensed Professional Engineer.

PE Exemption:

<< Return to previous page. < Click here instead of the browser's Back button to view the last saved page.

Water Resource Information System

Kentucky Infrastructure Authority — Funding Infrastructure for a Sustainable Future — KIA — Office of the Governor

Project Profile – Budget & Schedule

Entity Type: Incorporated City

Narrative | Applicant | Administration | Budget & Schedule | Impacts | Components | Sustainable Infrastructure | Audit | Map

Estimated Budget As-Bid Budget

Project Cost Categories

Cost Category	Cost
Administrative Expenses:	
Legal Expenses:	
Land, Appraisals, Easements:	
Relocation Expense & Payments:	
Planning:	$10,000
Engineering Fees - Design:	$50,000
Engineering Fees - Construction:	$50,000
Engineering Fees - Inspection:	$100,000
Engineering Fees - Other:	
Construction:	$1,290,000
Equipment:	$1,000,000
Miscellaneous:	
Contingencies:	
Total Project Cost:	$2,500,000

Construction Cost Categories

Cost Category	Cost
Treatment:	
Transmission and Distribution:	$1,290,000
Lead Remediation:	
Source:	
Storage:	
Purchase of Systems:	
Restructuring:	
Land Acquisition:	
Non-Categorized :	
Total Construction Cost:	$1,290,000
Total Sustainability Costs:	$3,807,900

Note: Sustainability costs are included within other costs reported in this tab. This breakout, when provided, is for SRF review purposes.

Project Funding Sources

Total Project Cost: **$2,500,000**

Total Committed Funding:

Funding Gap: **Not Funded**

This project is requesting SRF funding.

Funding Source	Loan or Grant ID	Fiscal Year	Amount	Status	Applicable Date
24HB001 - Ky WWATERS Program		2025	$10,000,000	Bypassed	03-28-2025
KIA SRF Fund F Loan (DW)	F26-216	2026	$2,500,000	Bypassed	03-28-2025
Total Committed					

Funding Source Notes

02/16/2024: Removed SRF Request fro FY:2025, per discussion with KIA, DOW, and Lebanon.

Estimated Project Schedule

Estimated Environmental Review Submittal Date:	06.01.2025
Estimated Bid Date:	12.01.2025
Estimated Construction Start Date:	02.01.2026
Estimated Construction Completion Date:	12.01.2026

Project Profile – Impacts

Narrative | Applicant | Administration | Budget & Schedule | Impacts | Components | Sustainable Infrastructure | Audit | Map

The following systems are beneficiaries of this project:

- [x] KY0780241 **Lebanon Water Works Co Inc**
- [ ] KY0780268 **Marion County Water District**
- [ ] KY1150415 **Springfield Water & Sewer Commission**

Checked box indicates primary system for this project.

Project Ranking by AWMPC:

Regional Ranking(s):
Planning Unit Ranking:
Total Points:

Plans and Specifications:

- [ ] Plans and specs have been sent to DOW.
- [ ] Plans and specs have been reviewed by DOW.
- [ ] Plans and specs have been sent to PSC.
- [ ] Plans and specs have been reviewed by PSC.

Economic Impacts

Jobs Created:	
Jobs Retained:	

MHI Basis: 2026: ACS 2019-2023 5yr Estimates

Demographic Impacts (GIS Census Overlay)

Serviceable Demographic	Project Area	Included Systems	Included Utilities
Population:	1,267	6,424	6,424
Households:	534	2,866	2,866
MHI:	$40,774	$39,990	*$39,990
MHI MOE:	$10,720	$10,966	$10,966
MOE as Percent:	26%	27%	27%
**NSRL:	2	2	2

Population and household counts are based on the 2020 Census DEC Redistricting Data (PL 94-171) dataset.

Median Household Income (MHI) Source: American Community Survey 2019-2023 5 Yr Estimates (Table

Geographic Impacts For Project Area

Counties

Marion

Legislative Districts

District Name	Legislator
House 051	Michael Sarge Pollock
Senate 14	Jimmy Higdon
Congressional 1	James Comer

HUC 10 Watersheds

HUC 10 Code	Watershed Name
0514010303	Lower Beech Fork
0514010304	Upper Rolling Fork

Geographic Impacts For Included System(s)

Counties

Anderson
Boyle
Marion
Mercer
Nelson
Taylor
Washington

Legislative Districts

District Name	
House 050	Candy Massaroni
House 051	Michael Sarge Pollock
House 053	James Tipton
House 054	Daniel Elliott
House 055	Kim King

Water Resource Information System

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Project Profile – Components

Narrative | Applicant | Administration | Budget & Schedule | Impacts | Components | Sustainable Infrastructure | Audit | Map

Project Inventory (Mapped Features):

Point Features:

DOW PermitID	Count	Feature Type	Purpose	Status	Existing Capacity	Proposed Capacity	Units
KY0780241	1	GENERATOR	GENERATOR - WATER TREATMENT PLANT	NEW			EA
KY0780241	1	PUMP STATION	ENERGY EFF - PUMP ELIMINATION	ELIMINATE			
KY0780241	1	SECURITY	SECURITY - BOTH WTP & DISTRIBUTION SYSTEM	NEW			EA
KY0780241	1	SECURITY	SECURITY - DISTRIBUTION SYSTEM	NEW			EA
KY0780241	1	TRADITIONAL METER	WATER EFF - AMR CAPABILITIES	REHAB			EA
KY0780241	1	WATER PUMP	ENERGY EFF - VFD DEVICE	REHAB			EA
KY0780241	1	WATER TANK	WATER EFF - TANK WATER LOSS	REHAB	250,000.00		GALLONS
KY0780241	1	WATER TREATMENT PLANT	ADDRESS EMERGING CONTAMINANTS: CURRENT	REHAB			
KY0780241	2	GENERATOR	GENERATOR - DISTRIBUTION SYSTEM	NEW			EA
KY0780241	2	RADIO METER	WATER EFF - UNMETERED AREA	NEW			EA
KY0780241	14	LSL	REPLACEMENT	REHAB			EA

Linear Features:

DOW Permit ID	Line Type	Purpose	Activity	Size (in.)	Material	Length (LF)
KY0780241	WATER LINE: FINISHED	DISTRIBUTION	EXTENSION	12.00	PVC	17,430
KY0780241	WATER LINE: FINISHED	DISTRIBUTION - WATER EFF - LINE WATER LOSS	REHAB - REPLACE PROBLEM LINES	6.00	PVC	4,423
KY0780241	WATER LINE: FINISHED	DISTRIBUTION - WATER EFF - LINE WATER LOSS	REHAB - REPLACE PROBLEM LINES	10.00	PVC	5,742
KY0780241	WATER LINE: FINISHED	DISTRIBUTION - WATER EFF - LINE WATER LOSS	REHAB - REPLACE PROBLEM LINES	12.00	PVC	1,596
					Total Length	29,191

Administrative Components:

The following administrative components are included in this project:

- [x] Planning
- [x] Design
- [x] Construction
- [x] Management

Project Profile – Sustainable Infrastructure

Narrative | Applicant | Administration | Budget & Schedule | Impacts | Components | Sustainable Infrastructure | Audit | Map

Green Infrastructure | Water Efficiency | Energy Efficiency | Environmentally Innovative | Asset Management

Asset Management:

If a category is selected, the applicant must provide supporting documentation in PDF format to substantiate claims.

Asset Management Components

Last Rate Adjustment Date: **07.01.2024** Download Fee Schedule

Rate Adjustment Age (months): **18**

System's monthly water bill, based on 4,000 gallons, as a percentage of MHI: **0.91%**

- [x] The system has an Asset Management Plan (AMP).

Note: AMP scoring credit requires at least one of the following components:

- [x] The AMP includes an Asset Inventory.
- [x] The AMP includes a Strategic Plan.
- [x] The AMP includes a Capital Improvement Plan.

Download Supporting Document

- [x] The system(s) involved in this project have specifically allocated funds for the rehabilitation and replacement of aging and deteriorating infrastructure.

Download Supporting Document

If any box(es) above are checked, please describe each below.

The system superintendent prepares and presents to the Board of Directors a Capital Improvement Plan annually. Rates are reviewed each year to provide sufficient revenue for operations and maintenance. Reserve accounts are fully funded or payments made as required.

Project Profile – Audit

Drinking Water Project Profile:

Download Profile (PDF) View Map

Project Title: **Lebanon Water Works 2024 Improvements - Meters**

Project Number: **WX21155063**

Funding Status: **Not Funded**

Project Status: **Approved**

Project Schedule: **0-2 Years**

E-ClearingHouse SAI:

Primary System: **KY0780241 Lebanon Water Works Co Inc**

Legal Applicant: **City of Lebanon**

Entity Type: **Incorporated City**

AWMPC: **LTADD**

Date Approved by AWMPC: **11.14.2023**

Primary County: **Marion**

Planning Unit: **Marion**

ECH Status:

ADD WMC Contact: **Jeff Noel**

Narrative | Applicant | Administration | Budget & Schedule | Impacts | Components | Sustainable Infrastructure | Audit | Map

Activity	Date
Profile Created:	11.10.2023
Profile Last Modified:	02.27.2025
General Info Last Modified:	12.18.2023
Narrative Last Modified:	02.27.2025
Admin Info Last Modified:	
Budget Info Last Modified:	12.11.2024
Impacts Info Last Modified:	12.11.2024
Plans & Specs Info Last Modified:	
Components Info Last Modified:	12.15.2023
GIS Last Modified:	12.15.2023

Deficiencies found in Administration Tab:
Project Engineer:
– PE Exemption is a required input.

Deficiencies found in Impacts Tab:
Demographic Impacts Section:
– Warning: There are no surveyed household counts for this project.

<< Return to previous page. < Click here instead of the browser's Back button to view the last saved page.

Water Resource Information System

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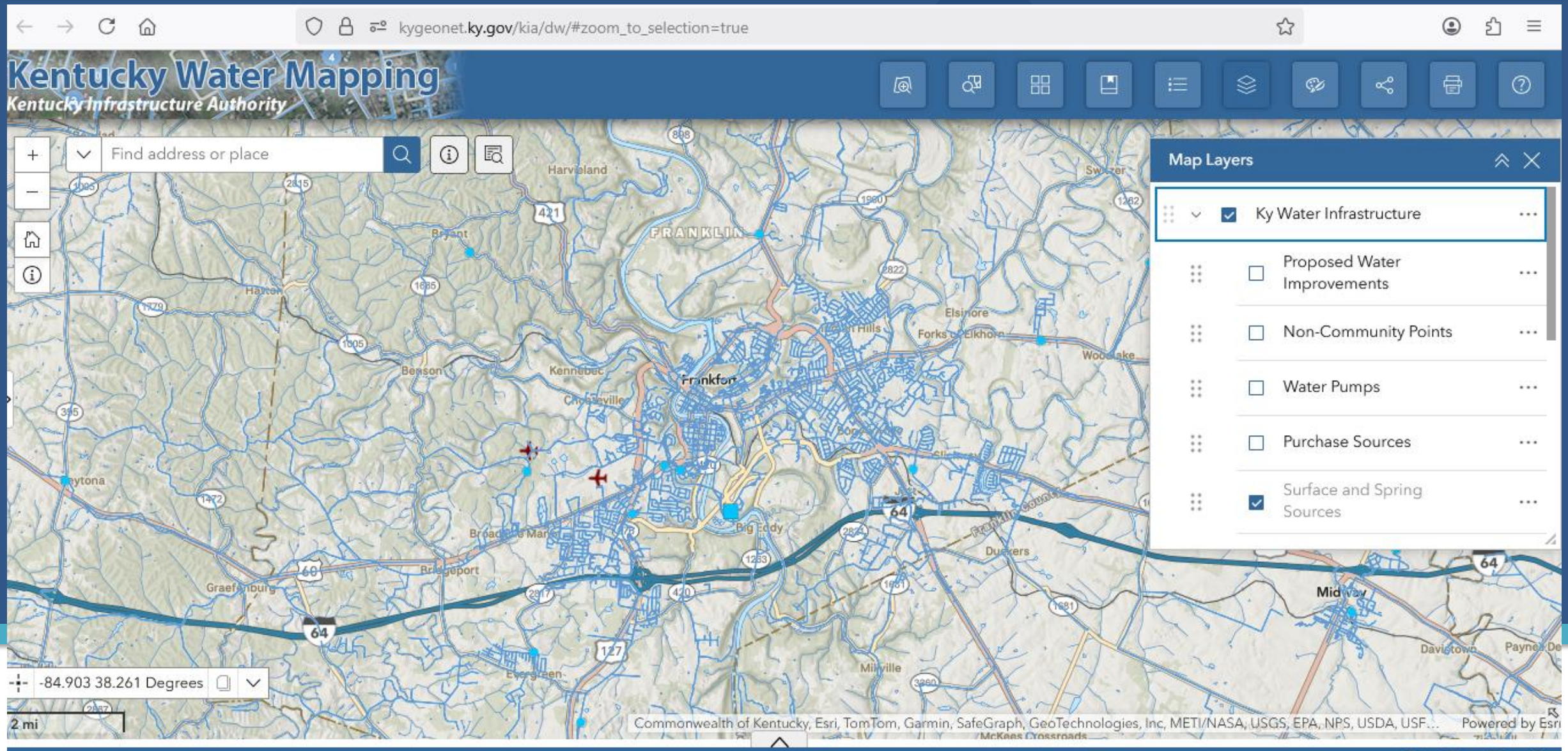
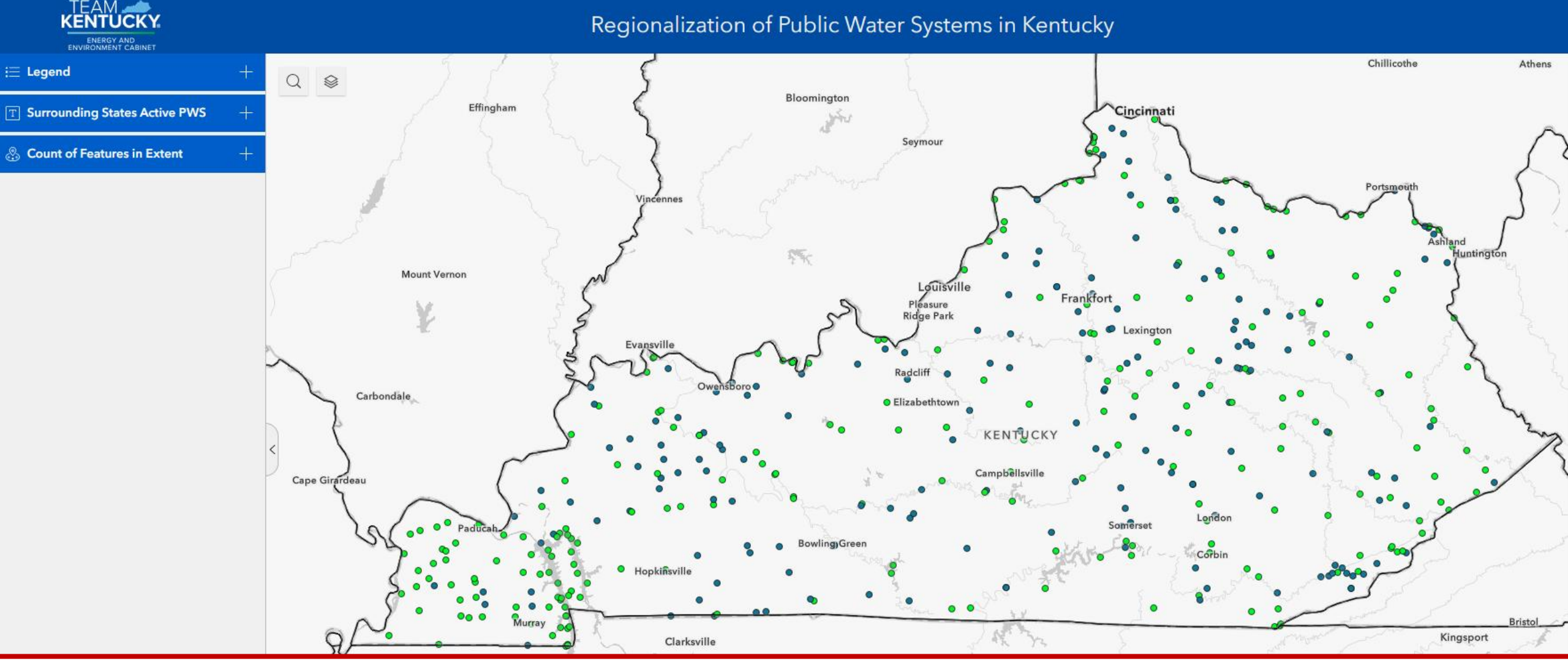
WRIS System Data - Mapping





- Now
  - 433 public drinking water systems
  - Nearly 98% of Kentuckians receive water from a public drinking water system

Thank you

Russell Neal
Kentucky Infrastructure Authority
502-892-3030
russells.neal@ky.gov