

2021 Cleaner Water Program Grants - Sewer

Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
21CWS164	City of Frankfort	FSD - Lower Prevention Park (PC3)	\$ 998,894.00	Franklin	County - R
21CWS165	City of Frankfort	Signal Ridge Gravity Sewer Tunnel and Replacement	\$ 419,723.00	Franklin	County - R

2021 Cleaner Water Program Grants - Water

Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
21CWW374	Garrison-Quincy-KY-O-Heights Water District	Water Treatment Plant Upgrade and Tank Repair	\$ 350,000.00	Lewis	Supplemental - R

2022 Cleaner Water Program Grants - Sewer

Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
22CWS171	Lexington-Fayette Urban County Government	UltraViolet (UV) Radiation WWTP Disinfection Retrofit	\$ 2,352,627.30	Fayette	County - R

2022 Cleaner Water Program Grants - Water

Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
22CWW407	Fountain Run Water District #1	Fountain Run Water District #1 - New Radio Read Metering System & Billing System	\$ 23,216.36	Monroe	County - R
22CWW408	City of Lawrenceburg	Lawrenceburg Water Meter Replacement Project	\$ 724,441.00	Anderson	County - R

East Kentucky State Aid Funding for Emergencies (EKSAFE) Fund - Water

Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
22EKW006	Knott County Water & Sewer District	Olive Branch Meadows Tank	\$ 1,174,650.00	Knott	EKSAFE - R

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT		Reviewer CPBOC Date KIA Grant Number WRIS Number		Julie Bickers July 16, 2026 21CWS164 SX21073091	
GRANTEE		FRANKFORT, CITY OF FRANKLIN COUNTY			
BRIEF DESCRIPTION Construct Approximately 10,500 L.F. of dual 18" and 24" force mains from Holly Hill Drive to the existing junction box and Kentucky Ave and Benson Ave. Divert flow from West Frankfort Pump Station and Pea Ridge Pump Station to the new force main constructed through this project. This project was initially a portion of SX21073047. However, the existing 30" gravity interceptor is at risk from a rock collapse, thus creating a need to accelerate a portion of the original project to divert a large portion of the flows.					
PROJECT FINANCING		PROJECT BUDGET			
CWP - Sewer Grant - 21CWS164	\$998,894	Land, Easements			\$50,000
Other Funding	11,899,606	Eng - Design / Const	0.0%	6.7%	797,300
		Eng - Insp	0.0%	1.8%	218,400
		Eng - Other			20,000
		Construction			10,738,900
		Contingency			1,073,900
TOTAL	\$12,898,500	TOTAL			\$12,898,500
PROFESSIONAL SERVICES	Engineer	GRW Engineers, Inc.			
PROJECT SCHEDULE	Bid Opening	TBD			
	Construction Start	TBD			
	Construction Stop	TBD			
RESIDENTIAL RATES	Current	<u>Users</u> 14,936	\$	<u>Avg. Bill</u> 55.12	(for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.				
Allocation Source	Allocated County	Allocated Amount			
County Allocation Pool	Franklin County	\$ 998,894.00			
	Total	\$ 998,894.00			
Notes:					
This grant is a reallocation of funds from a previously approved grant. Previous Grantee: City of Frankfort Previous Grant #21CWS031 Previous Project: Frankfort Sewer Department FSD Prevention Park Pump Station Replacement Previous WRIS #SX21073047 Prior Approval Date: June 23, 2022					

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT		Reviewer CPBOC Date KIA Grant Number WRIS Number	Julie Bickers July 16, 2026 21CWS165 SX21073095
GRANTEE		FRANKFORT, CITY OF FRANKLIN COUNTY	
BRIEF DESCRIPTION The Frankfort Sewer Department is launching a vital project to safeguard a 30-inch RCP sanitary sewer line that runs along the rock cliff between Taylor Avenue and Crown Pointe Drive. Following a major rock shear on October 13, 2023, the cliff's new edge now lies within just 15 feet of the sewer line, presenting a serious risk of failure. This sewer line plays a critical role in the City's wastewater management system, handling approximately 25% of the total flow, or approximately 2 MGD, to the City's major treatment plant. The preferred solution involves constructing approximately 2,482 linear feet (LF) of trenchless (directional drill) 30" gravity sewer and 273 LF of trenchless (directional drill) 12" gravity sewer. Additionally, existing clay and concrete gravity sewer will be replaced with approximately 1,234 LF of 30" PVC, 51 LF of 24" PVC, and 528 LF of 8" PVC. This approach addresses the immediate risk while also upgrading the undersized and deteriorating 8"-18" gravity sewer downstream.			
PROJECT FINANCING CWP - Sewer Grant - 21CWS165 \$419,723 Other Funding 5,505,277 TOTAL <u>\$5,925,000</u>		PROJECT BUDGET RD Fee % Actual % Land, Easements \$15,000 Eng - Design / Const 6.7% 11.9% 600,000 Eng - Insp 3.5% 4.9% 250,000 Construction 4,600,000 Contingency 460,000 TOTAL <u>\$5,925,000</u>	
PROFESSIONAL SERVICES	Engineer	Qk4, Inc.	
PROJECT SCHEDULE	Bid Opening Construction Start Construction Stop	May 1, 2026 August 3, 2026 November 3, 2027	
RESIDENTIAL RATES	Current	<u>Users</u> 14,936	<u>Avg. Bill</u> \$ 55.12 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Franklin County	\$ 419,723.00	
Total		\$ 419,723.00	
Notes:			
This grant is a reallocation of funds from a previously approved grant. Previous Grantee: City of Frankfort Previous Grant #21CWS031 Previous Project: Frankfort Sewer Department FSD Prevention Park Pump Station Replacement Previous WRIS #SX21073047 Prior Approval Date: June 23, 2022			

EXECUTIVE SUMMARY				Reviewer		Julie Bickers	
KENTUCKY INFRASTRUCTURE AUTHORITY				CPBOC Date		July 16, 2026	
DRINKING WATER AND WASTEWATER GRANT PROGRAM				KIA Grant Number		21CWW374	
CLEANER WATER PROGRAM GRANT				WRIS Number		WX21135025	
GRANTEE		GARRISON-QUINCY-KY-O-HEIGHTS WATER DISTRICT LEWIS COUNTY					
BRIEF DESCRIPTION							
The proposed project will replace or upgrade several components at the Water Treatment Plant that are outdated. These items include the following: replacing the electric panel, consolidating the controls and monitors, replacing the chlorine equipment, redo WTP piping, replacing chemical feed pumps, replacing backwash pump and replacing high service pumps. The project also proposes the repainting of an existing 105,000 gallon water storage tank (inside and out).							
PROJECT FINANCING				PROJECT BUDGET		RD Fee % Actual %	
CWP - Water Grant - 21CWW374		\$350,000	Administrative Expenses		\$6,000		
ARC		372,800	Legal Expenses		12,000		
CWP Grant 22CWW078		83,000	Planning		5,000		
Local		10,200	Eng - Design / Const		10.9%	10.8%	77,000
			Construction		678,000		
			Contingency		33,000		
			Other		5,000		
TOTAL		\$816,000	TOTAL		\$816,000		
PROFESSIONAL SERVICES		Engineer	Haworth-Meyer-Boelyn Professional Engineers, LLC.				
PROJECT SCHEDULE		Bid Opening	TBD				
		Construction Start	TBD				
		Construction Stop	TBD				
RESIDENTIAL RATES			<u>Users</u>		<u>Avg. Bill</u>		
		Current	1,026	\$	57.77	(for 4,000 gallons)	
REGIONAL COORDINATION This project is consistent with regional planning recommendations.							
Allocation Source		Allocated County		Allocated Amount			
Supplemental Pool				\$ 350,000.00			
Total				\$ 350,000.00			
Notes:							
This grant is a reallocation of remaining funds from a previously approved grant. Previous Grantee: City of South Shore Previous Grant #21CWW348 Previous Project: South Shore Scaffold-Firebrick Water Extension Project Previous WRIS #21089131 Prior Approval Date: September 26, 2024							

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT		Reviewer CPBOC Date KIA Grant Number WRIS Number	Julie Bickers July 16, 2026 22CWS171 SX21067064
GRANTEE		LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT FAYETTE COUNTY	
BRIEF DESCRIPTION Lexington is pursuing a project to eliminate the use of chlorine to disinfect wastewater effluent, converting the disinfection process at both Lexington WWTPs to UV radiation. Currently, both the Town Branch WWTP (rated capacity 30 MGD) and the West Hickman WWTP (rated capacity 33.8 MGD) use gaseous chlorine stored in one ton cylinders. Total maximum storage is > 20 tons. Both plants use sulfur dioxide to remove residual chlorine below discharge limits. The total maximum storage for sulfur dioxide is > 10 tons.			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Sewer Grant - 22CWS171	\$1,417,624	Planning	\$84,000
CWP 22CWS171 Supplemental Funds	2,352,627	Eng - Design / Const	0.0% 4.2% 680,000
CWP Funds 21CWS027	13,054,905	Eng - Insp	0.0% 1.1% 175,000
RMP	360,000	Eng - Other	20,000
		Construction	16,226,156
TOTAL	\$17,185,156	TOTAL	\$17,185,156
PROFESSIONAL SERVICES	Engineer	Strand Associates, Inc.	
PROJECT SCHEDULE	Bid Opening	October 15, 2024	
	Construction Start	November 14, 2024	
	Construction Stop	October 30, 2026	
RESIDENTIAL RATES	Current	Users	Avg. Bill
		58,522	\$ 36.12 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Fayette County	\$ 1,301,106.00	April 23, 2024
County Allocation Pool	Reallocation	\$ 2,352,627.30	Pending Approval July 16, 2026
Supplemental Gap Pool	Supplemental	\$ 116,518.00	June 20, 2024
	Total	\$ 3,770,251.30	
Notes:			
This grant is being allocated additional funds through the reallocation of remaining funds from a previously approved grant. Previous Grantee: Lexington-Fayette Urban County Government Previous Grant #22CWS010 Previous Project: LFUCG - Brownsfield Site Acquisition and Remediation Previous WRIS #SX21067068 Prior Approval Date: December 27, 2022			

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT		Reviewer CPBOC Date KIA Grant Number WRIS Number		Julie Bickers July 16, 2026 22CWW407 WX21171041	
GRANTEE		FOUNTAIN RUN WATER DISTRICT #1 MONROE COUNTY			
BRIEF DESCRIPTION The radio read metering system will allow the maintenance personnel to read all meters in approximately 1/2 - 1 day. This is a task that currently may take 2 men 2 - 3 days. This will be a huge savings in man hours and makes this task more efficient by taking the human error out of the meter reading/recording process. The billing system is required because the current contractor doing billing (S. Central Bell) has given notice they intend to stop the contract.					
PROJECT FINANCING		PROJECT BUDGET			
CWP - Water Grant - 22CWW407	\$23,216	Administrative Expenses		RD Fee %	Actual %
Other Funding	165,784	Eng - Design / Const		#DIV/0!	53.3%
		Eng - Other			8,000
		Construction			25,000
		Equipment			10,000
		Contingency			136,500
		Other			5,000
TOTAL	\$189,000	TOTAL			\$189,000
PROFESSIONAL SERVICES		Engineer		TBD	
PROJECT SCHEDULE		Bid Opening		TBD	
		Construction Start		TBD	
		Construction Stop		TBD	
RESIDENTIAL RATES		Current		<u>Users</u> 537	<u>Avg. Bill</u> \$ 36.89 (for 4,000 gallons)
REGIONAL COORDINATION		This project is consistent with regional planning recommendations.			
Allocation Source	Allocated County	Allocated Amount			
County Allocation Pool	Monroe County	\$	23,216.36		
	Total	\$	23,216.36		
Notes:					
This grant is being allocated funds from the reallocation of remaining funds from 2 previously approved grants. Previous Grantee: Fountain Run Water District #1 Previous Grant #22CWW042 - \$21,172.50 Previous Project: Fountain Run Water District #1 - Repaint/Rehab Existing Tank Previous WRIS #WX21171037 Prior Approval Date: December 27, 2022 Previous Grantee: Fountain Run Water District #1 Previous Grant #22CWW043 - \$2,043.86 Previous Project: Fountain Run Water District #1 - Fire Hydrant Replacement Previous WRIS #WX21171043 Prior Approval Date: December 27, 2022					

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT		Reviewer CPBOC Date KIA Grant Number WRIS Number		Julie Bickers July 16, 2026 22CWW408 WX21005010	
GRANTEE		LAWRENCEBURG, CITY OF ANDERSON COUNTY			
BRIEF DESCRIPTION					
This project will replace 3,300 aging/failing water meter encoder and endpoints.					
PROJECT FINANCING		PROJECT BUDGET RD Fee % Actual %			
CWP - Water Grant - 22CWW408	\$724,441	Administrative Expenses		\$20,000	
Other Funding	295,559	Equipment		990,000	
		Contingency		10,000	
TOTAL	\$1,020,000	TOTAL		\$1,020,000	
PROFESSIONAL SERVICES	Engineer	Rhody Engineering, LLC			
PROJECT SCHEDULE	Bid Opening	June 1, 2026			
	Construction Start	July 15, 2026			
	Construction Stop	TBD			
RESIDENTIAL RATES	Current	<u>Users</u> 6,726	\$	<u>Avg. Bill</u> 33.95	(for 4,000 gallons)
REGIONAL COORDINATION This project is consistent with regional planning recommendations.					
Allocation Source	Allocated County	Allocated Amount			
County Allocation Pool	Anderson County	\$ 724,441.00			
		Total	\$	724,441.00	
Notes:					
This grant is a reallocation of funds from a previously approved grant. Previous Grantee: City of Lawrenceburg Previous Grant #22CWW033 Previous Project: Lawrenceburg 500,000 Gallon Water Storage Tank Previous WRIS #WX21005009 Prior Approval Date: December 27, 2022					

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY ARPA STATE FISCAL RECOVERY FUND EAST KY STATE AID FUNDING FOR EMERGENCIES		Reviewer CPBOC Date KIA Grant Number WRIS Number		Julie Bickers July 16, 2026 22EKW006 WX21119047																																	
GRANTEE		KNOTT COUNTY WATER & SEWER DISTRICT KNOTT COUNTY																																			
BRIEF DESCRIPTION The Olive Branch Residential Development Area Water Storage Tank Project consists of the installation of a new 150,000-gallon water storage tank with SCADA integration to improve water system reliability, storage capacity, and operational monitoring for the development. The project includes the storage tank, telemetry and control systems, site work, foundation construction, base steel, security and silt fencing, valves and valve vault, master meter, and associated plumbing infrastructure. The improvements are designed to provide adequate water storage and distribution capacity to serve approximately 130 customers within the development area while supporting future system operations and maintenance.																																					
PROJECT FINANCING EKSAFE - Water - 22EKW006 \$1,174,650		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">PROJECT BUDGET</td> <td style="width: 10%;">RD Fee %</td> <td style="width: 10%;">Actual %</td> <td style="width: 20%;"></td> </tr> <tr> <td>Administrative Expenses</td> <td></td> <td></td> <td style="text-align: right;">\$43,750</td> </tr> <tr> <td>Eng - Design / Const</td> <td style="text-align: right;">8.9%</td> <td style="text-align: right;">9.0%</td> <td style="text-align: right;">87,100</td> </tr> <tr> <td>Eng - Insp</td> <td style="text-align: right;">5.7%</td> <td style="text-align: right;">5.8%</td> <td style="text-align: right;">56,300</td> </tr> <tr> <td>Eng - Other</td> <td></td> <td></td> <td style="text-align: right;">25,000</td> </tr> <tr> <td>Construction</td> <td></td> <td></td> <td style="text-align: right;">875,000</td> </tr> <tr> <td>Contingency</td> <td></td> <td></td> <td style="text-align: right;">87,500</td> </tr> <tr> <td>TOTAL</td> <td></td> <td></td> <td style="text-align: right; border-top: 1px solid black;">\$1,174,650</td> </tr> </table>				PROJECT BUDGET	RD Fee %	Actual %		Administrative Expenses			\$43,750	Eng - Design / Const	8.9%	9.0%	87,100	Eng - Insp	5.7%	5.8%	56,300	Eng - Other			25,000	Construction			875,000	Contingency			87,500	TOTAL			\$1,174,650
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This grant is being allocated funds through the reallocation of remaining funds from a previously approved grant. Previous Grantee: Knott County Water & Sewer District Previous Grant #22EKW001 Previous Project: Olive Branch Residential Development Water Supply Previous WRIS #WX21119024 Prior Approval Date: October 25, 2023																																					