

**Kentucky Infrastructure Authority
Projects for October 2026
Capital Projects and Bond Oversight Committee**

▪ **Fund A Loan**

Loan #	Borrower	Amount Requested	Amount Loan Total	County
A22-005	City of Ashland (Increase)	\$ 25,000,000	\$ 69,000,000	Boyd
A23-007	Louisville & Jefferson County MSD (Increase)	\$ 2,544,580	\$ 8,752,340	Jefferson

▪ **Fund B Loan**

Loan #	Borrower	Amount Requested	Amount Loan Total	County
B26-011	West Shelby Water District	\$ 2,510,000	\$ 2,510,000	Shelby

▪ **Fund F Loan**

Loan #	Borrower	Amount Requested	Amount Loan Total	County
F26-003	City of Ashland	\$ 5,895,578	\$ 5,895,578	Boyd
F26-003E	City of Ashland	\$ 1,604,423	\$ 1,604,423	Boyd

2022 Cleaner Water Program Grants - Sewer

Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
22CWS191	City of Stanton	Stanton SSES and Sewer Rehab	\$ 23,086.00	Powell	County - R

2022 Cleaner Water Program Grants - Water

Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
22CWW401	City of Murray	City of Murray - System Improvements	\$ 576,367.39	Calloway	County - R

2022 HB1 RS LINE ITEM Grants (Federal) - Water

Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
22KFW016	Powell's Valley Water District	Powell's Valley Water District Leak Detection Meters	\$ 50,000.00	Powell	HB 1 - 2022 RS Line Item

2024 HB1 LINE ITEM Grants (State) - Sewer

Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
24KGS229	Corbin City Utilities Commission	US25W Sewer Extension - KY1223 towards US25E	\$ 573,682.00	Laurel	HB1-2024 RS Line Item

2026 HB900 LINE ITEM Grants (State) - Sewer

Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
26KGS001	Paducah McCracken County Joint Sewer Agency	Sludge Press Building	\$ 3,225,000.00	McCracken	HB900-2026 RS Line Item
26KGS002	City of Campbellsville	Campbellsville Wastewater Treatment Plant Improvements	\$ 6,313,000.00	Taylor	HB900-2026 RS Line Item
26KGS003	McCreary County Water District	Cumberland Falls Sewer Extension	\$ 2,000,000.00	McCreary	HB900-2026 RS Line Item
26KGS004	City of Kevil	City of Kevil, Ballard County Ky	\$ 5,400,000.00	Ballard	HB900-2026 RS Line Item
26KGS007	Carlisle County Sanitation District #1	Carlisle County WWTP Improvements	\$ 5,452,400.00	Carlisle	HB900-2026 RS Line Item
26KGS008	City of Clinton	Clinton Wastewater System Improvements	\$ 4,118,000.00	Hickman	HB900-2026 RS Line Item
26KGS010	City of Trenton	Trenton - Wastewater Treatment Plant Improvements Project	\$ 8,000,000.00	Todd	HB900-2026 RS Line Item
26KGS011	City of Greenville	Greenville - WWTP Improvements Project	\$ 2,500,000.00	Muhlenberg	HB900-2026 RS Line Item
26KGS014	City of Edmonton	City of Edmonton - Wastewater Treatment Plant Upgrades	\$ 6,000,000.00	Metcalfe	HB900-2026 RS Line Item
26KGS015	City of Cadiz	Cadiz - Sewer System Rehabilitation Project	\$ 1,380,000.00	Trigg	HB900-2026 RS Line Item

2026 HB900 LINE ITEM Grants (State) - Water

Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
26KGW001	Allen County Water District	Walkers Chapel Pressure Zone Improvements	\$ 4,000,000.00	Allen	HB900-2026 RS Line Item
26KGW002	City of Wingo	Asbestos Cement Line Replacement	\$ 852,000.00	Graves	HB900-2026 RS Line Item
26KGW003	City of Albany	Albany - New 6MGD WTP and WTP-B Rehabilitation	\$ 17,000,000.00	Clinton	HB900-2026 RS Line Item
26KGW004	Owensboro Municipal Utilities	Water AMI Project	\$ 2,000,000.00	Daviess	HB900-2026 RS Line Item
26KGW005	Daviess County Water District	Daniels Lane to KY 603 Intersection Water Line Reconstruction Upgrade	\$ 1,546,000.00	Daviess	HB900-2026 RS Line Item
26KGW010	Crittenden-Livingston County Water District	CLWD - Water System Expansion-Phase III	\$ 10,000,000.00	Crittenden	HB900-2026 RS Line Item
26KGW015	Monroe County Water District	New Automatic Read Meters	\$ 1,567,000.00	Monroe	HB900-2026 RS Line Item
26KGW016	Monroe County Water District	MCWD - Highway 163 Bypass Water Main Addition	\$ 5,033,000.00	Monroe	HB900-2026 RS Line Item
26KGW017	Henderson Water Utility	Raw Water Intake & Pipeline Project	\$ 1,000,000.00	Henderson	HB900-2026 RS Line Item



**Kentucky Infrastructure Authority
Loan Programs
Fiscal Year Ended June 30, 2026**

The Kentucky Infrastructure Authority (KIA) was created in 1988 to provide the mechanism for funding construction of local public works projects. KIA is continually growing and expanding its services. Through the various programs currently offered, KIA has become a major provider for local financing needs.

Program Designation Description of Program Federal / State Selection Basis Types of Infrastructure		Fund A (CWSRF)	Fund F (DWSRF)	Fund B	Fund C	
		Clean Water Federal	Drinking Water Federal	Infrastructure State First Come First Served Various ⁽¹⁾	Governmental Agencies State First Come First Served Various ^(1,3)	
		Priority List Wastewater	Priority List Drinking Water			
Fiscal 2026						
Terms ⁽⁴⁾	Interest Rates	Income Based	Income Based	Income Based	Terms	Market Rate
20 years	Standard (> or = \$62,417)	2.75%	2.75%	2.75%	1-5 years	2.50%
20 years	Non-standard (\$49,934 - \$62,416) ⁽²⁾ Disadvantage (< or = \$49,933)	1.75%	1.75%	1.75%	6-10 years	3.00%
20 to 30 years		1.00%	1.00%	1.00%	11-20 years	4.00%
20 years	Broadband Projects	N/A	N/A	5.25%	20 years	5.25%
Administration Fees (on principal) Principal Forgiveness Estimated Annual Availability Significant Federal Requirements		0.25% depends on MHI/affordability index		0.20% N/A	0.25% N/A	
		\$120,848,780	\$89,671,079	\$11,391,124	\$11,457,830	
		Davis Bacon Environmental Review American Iron and Steel Fiscal Sustainability Plan Build America Buy America	Davis Bacon Environmental Review American Iron and Steel Build America Buy America			

(1) Includes planning, design, and construction of solid waste projects; dams; storm water control treatment systems; gas or electric utility; broadband deployment project; or any other public utility or public service project. Broadband project interest rates are at the non-standard rate of 5.25%.

(2) Other reasons include regionalization, consent decrees, agreed orders, or other criteria relating to public health or financial considerations. Rate less than Kentucky MHI but greater than 80% of MHI.

(3) Fund C interest rates are based on term and not MHI.

(4) The 30 year terms are only available for Disadvantaged Communities, depending on factors such as life expectancy of assets being funded and affordability.

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY FUND A, FEDERALLY ASSISTED WASTEWATER REVOLVING LOAN FUND		Reviewer Date KIA Loan Number WRIS Number		Jeremy Skinner October 1, 2026 A22-005 (Increase) SX21019065	
BORROWER		CITY OF ASHLAND BOYD COUNTY			
BRIEF DESCRIPTION					
The City of Ashland is requesting a Fund A loan increase in the amount of \$25,000,000 for the Wastewater Treatment Plant (WWTP) Expansion and Improvements project. This project is receiving funding over multiple cycles. The City received approval for \$44,000,000 from the KIA Board on March 7, 2024. The proposed increase will bring the total loan amount up to \$69,000,000.					
The City is undertaking a major expansion and modernization of its wastewater treatment plant to address wet-weather capacity, replace aging infrastructure, and to meet the requirements of the City's approved Long-Term Control Plan as well as an EPA Agreed Order. Improvements to the WWTP include new headworks, grit removal and screening, three new clarifiers, and a new outfall. The disinfection process and SCADA and telemetry systems will also be upgraded. The treatment plant will be upgraded for future nutrient removal and there will be improvements to hauled waste receiving and sludge dewatering equipment. The project will include several targeted energy efficiency improvements, including the replacement of old motors with premium-efficiency motors, upgrading lighting to more efficient sources, and installing Variable Frequency Drive controllers. Additionally, the force main from the 10th Street Pump Station will be rerouted to discharge directly into the treatment plant.					
PROJECT FINANCING		PROJECT BUDGET			
Fund A Loan	\$69,000,000	Administrative Expenses	\$150,000		
Local Funds	15,000,000	Legal Expenses	-		
Other Financing	31,122,000	Land, Easements	-		
		Eng - Design / Const	4,800,000		
		Eng - Insp	390,000		
	-	Eng - Other	150,000		
	-	Construction	99,632,000		
		Other	10,000,000		
TOTAL	\$115,122,000	TOTAL	\$115,122,000		
REPAYMENT	Rate Term	1.25% 20 Years	Est. Annual Payment 1st Payment	\$3,419,741 6 Mo. after first draw	
PROFESSIONAL SERVICES	Engineer Bond Counsel	Strand Associates, Incorporated Dinsmore & Shohl, LLP			
PROJECT SCHEDULE	Bid Opening Construction Start Construction Stop	Jul-25 Dec-25 Jun-29			
DEBT PER CUSTOMER	Existing Proposed	\$589 \$4,422			
OTHER DEBT	See Attached				
RESIDENTIAL RATES		<u>Users</u> Current Additional	<u>Avg. Bill</u> \$43.18 (for 4,000 gallons) \$43.18 (for 4,000 gallons)		
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.				
CASHFLOW	Cash Flow Before Debt Service	Debt Service	Cash Flow After Debt Service	Coverage Ratio	
Audited 2023	2,228,177	2,332,748	(104,571)	1.0	
Audited 2024	3,408,232	2,317,706	1,090,526	1.5	
Audited 2025	6,777,136	1,798,420	4,978,716	3.8	
Projected 2026	8,524,643	1,548,467	6,976,177	5.5	
Projected 2027	9,918,261	1,877,228	8,041,033	5.3	
Projected 2028	10,279,516	1,947,676	8,331,840	5.3	
Projected 2029	10,485,216	1,869,279	8,615,938	5.6	
Projected 2030	10,209,888	5,160,888	5,049,000	2.0	
Projected 2031	10,119,116	7,623,671	2,495,445	1.3	

Reviewer: Jeremy Skinner
Date: October 1, 2026
Loan Number: A22-005 Increase

**KENTUCKY INFRASTRUCTURE AUTHORITY
WASTEWATER REVOLVING LOAN FUND (FUND A)
CITY OF ASHLAND, BOYD COUNTY
PROJECT REVIEW
SX21019065**

I. PROJECT DESCRIPTION

The City of Ashland is requesting a Fund A loan increase in the amount of \$25,000,000 for the Wastewater Treatment Plant (WWTP) Expansion and Improvements project. This project is receiving funding over multiple cycles. The City received approval for \$44,000,000 from the KIA Board on March 7, 2024. The proposed increase will bring the total loan amount up to \$69,000,000.

The City is undertaking a major expansion and modernization of its wastewater treatment plant to address wet-weather capacity, replace aging infrastructure, and to meet the requirements of the City's approved Long-Term Control Plan as well as an EPA Agreed Order. Improvements to the WWTP include new headworks, grit removal and screening, three new clarifiers, and a new outfall. The disinfection process and SCADA and telemetry systems will also be upgraded. The treatment plant will be upgraded for future nutrient removal and there will be improvements to hauled waste receiving and sludge dewatering equipment. The project will include several targeted energy efficiency improvements, including the replacement of old motors with premium-efficiency motors, upgrading lighting to more efficient sources, and installing Variable Frequency Drive controllers. Additionally, the force main from the 10th Street Pump Station will be rerouted to discharge directly into the treatment plant.

The City of Ashland provides sewer services to 7,461 residential and 1,503 commercial customers. The City also treats wastewater from the Boyd County Sanitation District #4. Additionally, the City provides water services to 13,371 residential, 2,163 commercial, and eight industrial customers. The City provides wholesale water services to the Cannonsburg Water District, the Big Sandy Water District, the City of Flatwoods, the City of Russell, and the City of Kenova (WV).

II. PROJECT BUDGET

	Total
Administrative Expenses	\$150,000
Engineering Fees – Design	2,000,000
Engineering Fees – Construction	2,800,000
Engineering Fees – Inspection	390,000
Engineering Fees – Other	150,000
Construction	99,632,000
Contingency	10,000,000
Total	\$115,122,000

III. PROJECT FUNDING

	Amount	%
Fund A Loan	\$69,000,000	60%
Local Funds	15,000,000	13%
Other Financing	31,122,000	27%
Total	\$115,122,000	100%

IV. KIA DEBT SERVICE

Construction Loan	\$69,000,000
Less: Principal Forgiveness	11,200,354
Amortized Loan Amount	\$57,799,646
Interest Rate	1.25%
Loan Term (Years)	20
Estimated Annual Debt Service	\$3,275,242
Administrative Fee (0.25%)	144,499
Total Estimated Annual Debt Service	\$3,419,741

V. PROJECT SCHEDULE

Bid Opening:	July 2025
Construction Start:	December 2025
Construction Stop:	June 2029

VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

A) Customers

	Current
Residential	7,461
Commercial	1,503
Wholesale/KISOP	1
Total	8,965

B) Rates

Water – Inside City	Current	Prior	Prior	Prior
Date of Last Rate Increase	01/01/26	01/01/25	07/01/24	1/1/24
Administrative/Billing Charge	\$9.49	\$9.04	\$8.61	\$7.81
0 – 2,000 Gallons (per 1,000 G)	9.62	9.16	8.72	7.92
2,001 – 10,000 Gallons (per 1,000 G)	7.23	6.89	6.56	5.96
10,001 – 100,000 Gallons (per 1,000 G)	5.85	5.57	5.31	4.82
100,000+ Gallons (per 1,000 G)	4.73	4.50	4.29	3.89
Cost for 4,000 gallons	\$43.19	\$41.14	\$39.17	\$35.57
Increase %	5.0%	5.0%	10.1%	
Affordability Index (Rate/MHI)	0.9%	0.9%	0.9%	0.8%

Water – Outside City	Current	Prior	Prior	Prior
Date of Last Rate Increase	01/01/26	01/01/25	07/01/24	1/1/24
Administrative/Billing Charge	\$9.49	\$9.04	\$8.61	\$7.81
0 – 2,000 Gallons (per 1,000 G)	16.35	15.57	14.83	13.47
2,001 – 10,000 Gallons (per 1,000 G)	12.24	11.66	11.10	10.17
10,001 – 100,000 Gallons (per 1,000 G)	9.92	9.45	9.00	8.17
100,000+ Gallons (per 1,000 G)	8.03	7.65	7.29	6.62
Cost for 4,000 gallons	\$66.67	\$63.50	\$60.47	\$55.09
Increase %	5.0%	5.0%	9.8%	
Affordability Index (Rate/MHI)	1.5%	1.4%	1.3%	1.2%

Water – Wholesale*	Current	Prior	Prior	Prior
Date of Last Rate Increase	01/01/26	01/01/25	07/01/24	1/1/24
Per 1,000 Gallons	\$4.24	\$3.64	\$2.94	\$2.94
Increase %	16.5%	23.8%	0.0%	

* The rates here reflect wholesale rates charged the Cannonsburg Water District and the Big Sandy Water District. The District also has contracts with the City of Flatwoods, the City of Russell, and the City of Kenova (WV); however, these contracts are for supplemental water sales and produce minimal revenues for the City of Ashland.

Sewer – Inside City	Current	Prior	Prior	Prior
Date of Last Rate Increase	01/01/26	01/01/25	07/01/24	1/1/24
Standard Rate (per 1,000 gallons)	\$9.92	\$8.20	\$7.45	\$6.77
EPA CSO Surcharge	3.50	3.50	3.50	3.50
Cost for 4,000 gallons	\$43.18	\$36.30	\$33.30	\$30.58
Increase %	19.0%	9.0%	8.9%	
Affordability Index (Rate/MHI)	0.9%	0.8%	0.7%	0.6%

Sewer – Outside City	Current	Prior	Prior	Prior
Date of Last Rate Increase	01/01/26	01/01/25	07/01/24	1/1/24
Standard Rate (per 1,000 gallons)	\$14.88	\$12.30	\$11.17	\$10.15
EPA CSO Surcharge	3.50	3.50	3.50	3.50
Cost for 4,000 gallons	\$63.02	\$52.70	\$48.18	\$44.10
Increase %	19.6%	9.4%	9.3%	
Affordability Index (Rate/MHI)	1.4%	1.2%	1.1%	1.0%

Sewer – Wholesale (KISOP)	Current	Prior	Prior	Prior
Date of Last Rate Increase	01/01/26	01/01/25	07/01/24	1/1/24
Per 1,000 Gallons	\$8.93	\$7.38	\$6.70	\$5.81
Increase %	21.0%	10.1%	15.3%	

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2020-2024, the Utility's service area population is 21,654 with a Median Household Income (MHI) of \$52,909. The MHI for the Commonwealth is \$63,726. The loan will qualify for a 1.25% interest rate.

VIII. 2026 CAPITALIZATION GRANT EQUIVALENCIES

- 1) Green Project Reserve - This project qualifies for Green Project Reserve funding for \$1,500,000.
- 2) Additional Subsidization – This project qualifies for additional subsidization. Principal forgiveness of 16.23% of the assistance amount, not to exceed \$11,200,354, will be credited to the loan balance.

IX. FINANCIAL ANALYSIS

Financial information was obtained from the audited financial statements for the years ended June 30, 2023, through June 30, 2025. The non-cash impacts of GASB 68 – Accounting and Financial Reporting for Pensions and GASB 75 – Accounting and Financial Reporting for Other Postemployment Benefit have been removed from the

operating expenses. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

HISTORY

Total operating revenues for the City's water and sewer systems increased 31 percent from \$19.01 million in fiscal year (FY) 2023 to \$24.84 million in FY 2025. Retail and wholesale water revenues increased 26 percent from \$9.8 million in FY 2023 to \$12.35 million in FY 2025, while retail and wholesale sewer revenues increased nearly 35 percent from \$8.2 million in 2023 to \$11.06 million in 2025. The rise in revenues are primarily due to regular rate increases addressing inflation and planned capital projects. Revenue growth far outpaced operating expenses, which increased 8.23 percent over the same three-year period. The debt service coverage ratio was 1.0, 1.5, and 3.8 in 2023, 2024, and 2025, respectively.

The balance sheet reflects a current ratio of 0.7, a debt-to-equity ratio of 1.1, 57 days of sales in accounts receivable, and 1.1 months of operating expenses in unrestricted cash. The results for the current ratio and number of months in operating expenses calculations understate the utility system's liquidity because they exclude restricted cash and investments which as of FYE 2025 exceeded \$15 million.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Retail water revenues will increase 5.0 percent in FY 2026 and 4.2 percent in FY 2027 due to rate increases implemented in January 2025 and January 2026. The 2027 water revenues also include an annual CPI adjustment that is expected to be implemented in January 2027. For the purposes of this analysis, the January 2027 CPI adjustment is expected to be 3.5 percent.
- 2) Retail sewer revenues will increase 14.3 percent in FY 2026 and 10.5 percent in FY 2027 due to rate increases implemented in January 2025 and January 2026. The 2027 sewer revenues also include an annual CPI adjustment that is expected to be implemented in January 2027. For the purposes of this analysis, the January 2027 CPI adjustment is expected to be 3.5 percent.
- 3) Retail water and sewer revenues will increase 3 percent annually in FYs 2028, 2029, 2030, and 2031 due to expected annual CPI adjustments.
- 4) Operating expenses will increase 3.5 percent in FYs 2026 and 2027 and 3.0 percent annually thereafter due to inflation.
- 5) In addition to inflation-related increases, operating expenses will increase by \$600,000 annually following the completion of the PFAS removal project due to increased treatment costs.
- 6) The debt service coverage ratio calculation assumes that the system will obtain an additional \$31,122,000 in bond financing to fund most of the remaining project costs. For calculation purposes, this additional debt is assumed to be amortizing over 20 years at 4.75 percent.

- 7) Debt service coverage is **1.3** in 2031 when principal and interest repayments begin.

Based on the pro forma assumptions, the utility shows adequate cash flow to repay the KIA Fund F loan.

REPLACEMENT RESERVE

The replacement reserve will be 5% (\$3,450,000 total) of the final amount borrowed prior to principal forgiveness, to be funded annually (\$172,500 yearly) each December 1 for 20 years and maintained for the life of the loan.

X. DEBT OBLIGATIONS

	Outstanding*	Maturity
Water & Sewer Revenue Bonds (Series 2015)	\$1,560,000	2030
Water & Sewer Revenue Bonds (Series 2020)	9,275,000	2041
KIA Loan A10-01	3,149,446	2034
Financing Lease – Radio Meters	425,833	2029
KIA Loan F24-056L^	N/A	N/A
Water & Sewer Revenue Bonds (Series 2026)	9,975,000	2047
Total	\$24,385,279	

* Loan/Lease balances as of FYE 2025, except for the Series 2026 bonds which were issued July 2026.

^ KIA Loan F24-056L is a lead service line inventory loan in the amount of \$874,130 and 100 percent principal forgiveness. There will be no payback for this loan.

While not listed in the City's most recent (2025) audited financial statement, draws on KIA Fund A Loan A22-005 commenced earlier this year. As of mid-September 2026, \$14.08 million in funds have been disbursed.

There are also two other pending KIA loans related to a PFAS removal project: KIA Loan F26-003 in the amount of \$5,895,578 (principal forgiveness of \$2,091,784) and KIA Loan F26-003E in the amount of \$1,604,423 (100% principal forgiveness). Both pending loans are considered in this analysis.

XI. CONTACTS

Legal Applicant

Name	City of Ashland
Address	1700 Greenup Avenue Ashland, KY 41105
County	Boyd
Authorized Official	Mayor Chuck D. Charles
Phone	(606) 385-3300
Email	ccharles@ashlandky.gov

Project Contact - Applicant

Name	Barry Adkins
Representing	City of Ashland
Address	1700 Greenup Avenue Ashland, KY 41105
Phone	(606) 385-3338
Email	badkins@ashlandky.gov

Project Administrator

Name	Lashawna Miller
Representing	FIVCO Area Development District
Address	32 FIVCO Ct. Grayson, KY 41143
Phone	(606) 929-1366
Email	lashawna@fivco.org

Consulting Engineer

Name	Joseph Kofi Okyere
Firm	Strand Associates, Inc.
Address	325 W Main St. Louisville, KY 40202
Phone	(502) 583-7020
Email	joseph.okyere@strand.com

XII. RECOMMENDATIONS

KIA staff recommends approval of the loan with the standard conditions.

CITY OF ASHLAND
FINANCIAL SUMMARY (JUNE YEAR END)

	Audited 2023	Audited 2024	Audited 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	Projected 2030	Projected 2031
Balance Sheet									
Assets									
Current Assets	4,858,662	5,988,347	7,517,368	9,327,141	11,289,548	13,119,416	14,982,304	16,136,004	16,783,292
Other Assets	76,552,351	75,385,639	77,405,209	80,063,008	93,572,693	94,183,848	210,144,281	218,254,164	214,196,203
Total	81,411,013	81,373,986	84,922,577	89,390,150	104,862,241	107,303,264	225,126,585	234,390,168	230,979,495
Liabilities & Equity									
Current Liabilities	13,543,434	11,975,126	11,460,191	11,525,770	11,533,297	11,497,920	16,415,015	15,894,090	15,928,517
Long Term Liabilities	36,209,872	35,385,901	32,406,312	31,138,851	39,874,763	38,657,252	121,455,692	119,668,804	114,055,497
Total Liabilities	49,753,306	47,361,027	43,866,503	42,664,621	51,408,060	50,155,172	137,870,707	135,562,895	129,984,013
Net Assets	31,657,707	34,012,959	41,056,074	46,725,529	53,454,181	57,148,092	87,255,878	98,827,273	100,995,482
Cash Flow									
Revenues	19,011,221	20,819,789	24,840,077	27,246,709	29,302,856	30,251,869	31,062,960	31,898,384	32,758,871
Operating Expenses	16,899,124	17,731,816	18,289,273	18,948,398	19,610,927	20,198,685	20,804,076	21,914,828	22,866,087
Other Income	116,080	320,259	226,332	226,332	226,332	226,332	226,332	226,332	226,332
Cash Flow Before Debt Service	2,228,177	3,408,232	6,777,136	8,524,643	9,918,261	10,279,516	10,485,216	10,209,888	10,119,116
Debt Service									
Existing Debt Service	2,332,748	2,317,706	1,798,420	1,548,467	1,877,228	1,947,676	1,869,279	3,451,018	4,203,930
Proposed KIA Loan	0	0	0	0	0	0	0	1,709,871	3,419,741
Total Debt Service	2,332,748	2,317,706	1,798,420	1,548,467	1,877,228	1,947,676	1,869,279	5,160,888	7,623,671
Cash Flow After Debt Service	(104,571)	1,090,526	4,978,716	6,976,177	8,041,033	8,331,840	8,615,938	5,049,000	2,495,445
Ratios									
Current Ratio	0.4	0.5	0.7	0.8	1.0	1.1	0.9	1.0	1.1
Debt to Equity	1.6	1.4	1.1	0.9	1.0	0.9	1.6	1.4	1.3
Days Sales in Accounts Receivable	50.1	57.0	62.9	62.9	62.9	62.9	62.9	62.9	62.9
Months Operating Expenses in Unrestricted Cash	0.6	0.3	1.1	2.0	2.9	3.8	4.7	5.0	5.1
Debt Coverage Ratio	1.0	1.5	3.8	5.5	5.3	5.3	5.6	2.0	1.3

EXECUTIVE SUMMARY		Reviewer		John Brady
KENTUCKY INFRASTRUCTURE AUTHORITY		Date		October 1, 2026
FUND A, FEDERALLY ASSISTED WASTEWATER		KIA Loan Number		A23-007E (Increase)
REVOLVING LOAN FUND		WRIS Number		SX21111024
BORROWER		LOUISVILLE AND JEFFERSON COUNTY METROPOLITAN SEWER DISTRICT JEFFERSON COUNTY		
BRIEF DESCRIPTION				
The Louisville and Jefferson County Metropolitan Sewer District (Louisville MSD) is requesting a Fund A loan increase in the amount of \$2,544,580 for the Paddy's Run Flood Pumping Station (FPS) and Capacity Improvements project. This project is receiving Bipartisan Infrastructure Law Emerging Contaminants (EC) funding over multiple cycles. They received EC funding approval for \$1,118,600 from the KIA Board on August 3, 2023, an increase of \$2,544,580 on May 9, 2024, and an additional increase of \$2,544,580 on March 6, 2025. This brings their total KIA EC loan amount up to \$8,752,340. The project will construct a new FPS that will provide a total estimated pumping capacity of 1,900 MGD. It will also include six new flood pumps, motors, and discharge pipes. SCADA and associated electrical and mechanical components will be installed to operate the new flood pumps in addition to the required aesthetic, plumbing, and HVAC equipment. The existing FPS, designed by the U.S. Army Corps of Engineers and put into service in 1953, will be decommissioned. The existing Paddy's Run FPS routinely pumps combined sewer overflows during wet weather events when the river is elevated, further protecting the public and many critical assets within MSD's sewer system. In addition to providing critical flood protection, the Paddy's Run FPS serves as essential wastewater infrastructure for combined sewer overflow control and is a required project in MSD's Consent Decree. This project will also help protect critical infrastructure within Rubbertown which could have catastrophic consequences if flooded, including releasing volatile chemicals and contaminants into the Ohio River. Failure to act on this project could result in an ever-increasing risk of life-threatening flooding in the community. Additionally, the inadequate capacity of the existing pump station would worsen the impact of a flood event by allowing a higher portion of wastewater in flood waters.				
PROJECT FINANCING		PROJECT BUDGET		
KIA A23-007E Phase 1	\$1,118,600	Administrative Expenses	\$11,096,295	
KIA A23-007E Phase 2	2,544,580	Eng - Design / Const	2,143,666	
KIA A23-007E Phase 3	2,544,580	Eng - Insp	7,138,241	
KIA A23-007E Phase 4	2,544,580	Eng - Other	1,680,000	
KIA Loan A23-007	94,006,047	Construction	174,557,979	
CWP Grant - 21CWS054	14,568,371	Equipment	27,164,320	
CWP Grant - 22CWS182	2,440,316	Contingency	17,248,091	
Louisville MSD	121,651,518	Other	390,000	
TOTAL	\$241,418,592	TOTAL	\$241,418,592	
REPAYMENT	Rate Term	N/A N/A	Est. Annual Payment 1st Payment	N/A N/A
PROFESSIONAL SERVICES	Engineer Bond Counsel	Ulliman Schutte Dinsmore & Shohl, LLP		
PROJECT SCHEDULE	Construction Start Construction Stop	Jul-23 Jul-27		
DEBT PER CUSTOMER	Existing Future	11,339 11,268		
OTHER DEBT	See Attached			
RESIDENTIAL RATES				
	Current	Users 258,333	Avg. Bill \$70.73	(for 4,000 gallons)
REGIONAL COORDINATION				
This project is consistent with regional planning recommendations.				
CASHFLOW	Cash Flow Before Debt Service	Debt Service	Cash Flow After Debt Service	Coverage Ratio
Audited 2023	274,638	144,616	130,022	1.9
Audited 2024	301,964	151,214	150,750	2.0
Audited 2025	323,231	163,738	159,493	2.0
Projected 2026	334,874	179,021	155,853	1.9
Projected 2027	346,964	200,083	146,881	1.7
Projected 2028	372,900	203,417	169,483	1.8
Projected 2029	386,132	211,708	174,424	1.8
Projected 2030	399,873	211,242	188,631	1.9

Reviewer: John Brady
Date: October 1, 2026
Loan Number: A23-007E

**KENTUCKY INFRASTRUCTURE AUTHORITY
WASTEWATER REVOLVING LOAN FUND (FUND A)
LOUISVILLE AND JEFFERSON COUNTY
METROPOLITAN SEWER DISTRICT
PROJECT REVIEW
SX21111024**

I. PROJECT DESCRIPTION

The Louisville and Jefferson County Metropolitan Sewer District (Louisville MSD) is requesting a Fund A loan increase in the amount of \$2,544,580 for the Paddy's Run Flood Pumping Station (FPS) and Capacity Improvements project. This project is receiving Bipartisan Infrastructure Law Emerging Contaminants (EC) funding over multiple cycles. They received EC funding approval for \$1,118,600 from the KIA Board on August 3, 2023, an increase of \$2,544,580 on May 9, 2024, and an additional increase of \$2,544,580 on March 6, 2025. This brings their total KIA EC loan amount up to \$8,752,340. A breakdown of annual funding is provided in the table below.

Phase 1	8/3/2023	\$1,118,600
Phase 2	5/9/2024	\$2,544,580
Phase 3	5/6/2025	\$2,544,580
Phase 4	10/1/2026	\$2,544,580

The project will construct a new FPS that will provide a total estimated pumping capacity of 1,900 MGD. It will also include six new flood pumps, motors, and discharge pipes. SCADA and associated electrical and mechanical components will be installed to operate the new flood pumps in addition to the required aesthetic, plumbing, and HVAC equipment. The existing FPS, designed by the U.S. Army Corps of Engineers and put into service in 1953, will be decommissioned.

The existing Paddy's Run FPS routinely pumps combined sewer overflows during wet weather events when the river is elevated, further protecting the public and many critical assets within MSD's sewer system. In addition to providing critical flood protection, the Paddy's Run FPS serves as essential wastewater infrastructure for combined sewer overflow control and is a required project in MSD's Consent Decree. This project will also help protect critical infrastructure within Rubbertown which could have catastrophic consequences if flooded, including releasing volatile chemicals and contaminants into the Ohio River. Failure to act on this project could result in an ever-increasing risk of life-threatening flooding in the community. Additionally, the inadequate capacity of the existing pump station would worsen the impact of a flood event by allowing a higher portion of wastewater in flood waters.

Louisville MSD currently serves 236,020 residential customers, 21,919 commercial customers, and 394 industrial customers.

II. PROJECT BUDGET

	Total
Administrative Expenses	\$ 11,096,295
Engineering Fees - Design	2,143,666
Engineering Fees - Inspection	7,138,241
Engineering Fees - Other	1,680,000
Construction	174,557,979
Equipment	27,164,320
Contingency	17,248,091
Other	390,000
Total	\$241,418,592

III. PROJECT FUNDING

	Amount	%
KIA A23-007E Phase 1	\$ 1,118,600	0.5%
KIA A23-007E Phase 2	2,544,580	1.1%
KIA A23-007E Phase 3	2,544,580	1.1%
KIA A23-007E Phase 4	2,544,580	1.1%
KIA Loan A23-007	94,006,047	38.9%
CWP Grant - 21CWS054	14,568,371	6.0%
CWP Grant - 22CWS182	2,440,316	1.0%
Louisville MSD	121,651,518	50%
Total	\$241,418,592	100%

IV. KIA DEBT SERVICE

Construction Loan	\$ 8,752,340
Less: Principal Forgiveness	8,752,340
Amortized Loan Amount	\$ -

V. PROJECT SCHEDULE

Construction Start:	July 2023
Construction Stop:	July 2027

VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

A) Customers

Customers	Current
Residential	236,020
Commercial	21,919
Industrial	394
Total	258,333

B) Rates

Jefferson County Rates	Current	Prior	Prior
Date of Last Rate Increase	09/01/26	09/01/25	08/01/24
Minimum	\$24.48	\$23.56	\$22.68
Per 1,000 Gallons	6.56	6.31	6.07
Infrastructure Surcharge	20.01	19.26	18.54
Cost for 4,000 gallons	\$70.73	\$68.06	\$65.50
Increase %	3.9%	3.9%	
Affordability Index (Rate/MHI)	1.2%	1.2%	1.1%

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2017-2021, the project's service area population was 63,000 with a Median Household Income (MHI) of \$36,514. The MHI for the Commonwealth was \$55,454.

VIII. 2026 CAPITALIZATION GRANT EQUIVALENCIES

- 1) Green Project Reserve - This project qualifies for \$15,082,000 of Green Project Reserve funding. The majority of the green project components fall under the environmentally innovative category.
- 2) Additional Subsidization – This project qualifies for additional subsidization. Principal forgiveness of 100% of the assistance amount will be credited to the loan balance.

IX. FINANCIAL ANALYSIS

Financial information was obtained from the audited financial statements for the years ended June 30, 2023 through June 30, 2025. The non-cash impacts of GASB 68 –

Accounting and Financial Reporting for Pensions and GASB 75 – Accounting and Financial Reporting for Other Postemployment Benefit have been removed from the operating expenses. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

HISTORY

Total revenues increased 19.7% from \$392.0 million in 2023 to \$469.1 million in 2025 primarily due to rate increases. Operating expenses increased 27.7% from \$124.6 million to \$159.1 million during the same period due to higher service and administration costs. The debt coverage ratio was 1.9, 2.0, and 2.1 in 2023, 2024, and 2025.

The balance sheet reflects a current ratio of 1.2, a debt-to-equity ratio of 2.6, 32.9 days of sales in accounts receivable, and 7.9 months of operating expenses in unrestricted cash.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Sewer revenues will increase 3.9% in 2026 due to an existing rate increase and 3.9% in other projected years due to anticipated rate increases.
- 2) Operating expenses will increase 4% annually due to inflation and general expenses for pending projects.

X. DEBT OBLIGATIONS

numbers in thousands

Senior Debt

	<u>Outstanding</u>	<u>Maturity</u>
Series 2009C Bonds	\$ 180,000	2040
Series 2010A Bonds	330,000	2043
Series 2014A Bonds	43,970	2045
Series 2015A Bonds	166,120	2046
Series 2015B Bonds	56,565	2038
Series 2016A Bonds	144,290	2047
Series 2016B Bonds	11,235	2036
Series 2017A Bonds	132,565	2048
Series 2018A Bonds	60,380	2038
Series 2020A Bonds	218,655	2050
Series 2020B Bonds	79,278	2060
Series 2020C Bonds	37,790	2044
Series 2021A Bonds	201,290	2034
Series 2022A Bonds	222,500	2052

Series 2023A Bonds	49,745	2035
Series 2023B Bonds	41,950	2036
Series 2023C Bonds	345,060	2053
Series 2024A Bonds	103,290	2039
Series 2025A Bonds	287,010	2055
<u>Senior Subordinate Debt</u>		
Commercial Paper	274,870	2028
<u>Subordinate Debt</u>		
Series 2014 GO Bonds	5,630	2035
Series 2017 GO Bonds	2,427	2030
KACO Lease	1,340	2031
KIA Loan A209-41	1,068	2033
KIA Loan A10-04A	1,274	2033
KIA Loan A10-05A	472	2033
KIA Loan A10-07A	1,203	2034
KIA Loan A11-15A	301	2033
KIA Loan A12-29A	4,011	2037
KIA Loan A17-028A	7,088	2043
KIA Loan A18-010A	898	2040
KIA Loan A19-015	2,298	2042
KIA Loan A19-028	21,675	2042
KIA Loan B10-01A	154	2030
KIA Loan B10-04A	182	2031
KIA Loan B15-006A	58	2038
KIA Loan A20-040 (i.a.o. \$2,944)		TBD
KIA Loan A21-022 (i.a.o. \$8,270)		TBD
KIA Loan A23-002 (i.a.o. \$11,200)		TBD
KIA Loan A23-007 (i.a.o. \$89,648,516)		TBD
Total	\$ 3,036,642	

XI. CONTACTS

Legal Applicant	
Entity Name	Louisville & Jefferson County MSD
Authorized Official	James A. Parrott (Executive Director)
County	Jefferson
Email	tony.parrott@louisvillemisd.org
Phone	(502) 540-6533
Address	PO Box 740011
	Louisville, KY 40201

Project Administrator

Name	Stephanie Laughlin
Organization	Louisville & Jefferson County MSD
Email	stephanie.laughlin@louisvillemad.org
Phone	(502) 523-9690
Address	PO Box 740011 Louisville, KY 40203

Project Consultant

Name	Sheryl Chino
Organization	HDR, Inc.
Email	sheryl.chino@hdrinc.com
Phone	(270) 538-1506
Address	4645 Village Square Dr, Ste F Paducah, KY 42001

XII. RECOMMENDATIONS

KIA staff recommends approval of the loan with the standard conditions.

LOUISVILLE AND JEFFERSON COUNTY METROPOLITAN SEWER DISTRICT
FINANCIAL SUMMARY (JUNE YEAR END)

	Audited 2023	Audited 2024	Audited 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	Projected 2030
Balance Sheet								
Assets								
Current Assets	193,736	201,862	227,246	260,085	291,161	327,257	363,942	403,568
Other Assets	3,873,885	4,081,906	4,313,303	4,319,610	4,295,971	4,525,797	4,518,158	4,521,883
Total	4,067,621	4,283,768	4,540,549	4,579,694	4,587,132	4,853,054	4,882,100	4,925,452
Liabilities & Equity								
Current Liabilities	147,914	166,645	193,439	216,878	227,812	234,868	236,851	274,044
Long Term Liabilities	2,915,428	2,984,027	3,072,725	3,006,819	2,908,071	3,013,867	2,906,680	2,762,600
Total Liabilities	3,063,342	3,150,672	3,266,164	3,223,697	3,135,883	3,248,735	3,143,531	3,036,644
Net Assets	1,004,279	1,133,096	1,274,385	1,355,998	1,451,249	1,604,320	1,738,569	1,888,807
Cash Flow								
Revenues	392,026	426,275	469,142	487,149	505,858	530,281	550,672	571,859
Operating Expenses	124,641	137,929	159,112	165,476	172,095	170,582	177,741	185,187
Other Income	7,253	13,618	13,201	13,201	13,201	13,201	13,201	13,201
Cash Flow Before Debt Service	274,638	301,964	323,231	334,874	346,964	372,900	386,132	399,873
Debt Service								
Existing Debt Service	144,616	151,214	163,738	179,021	200,083	203,417	211,708	211,242
Proposed KIA Loan	0	0	0	0	0	0	0	0
Total Debt Service	144,616	151,214	163,738	179,021	200,083	203,417	211,708	211,242
Cash Flow After Debt Service	130,022	150,750	159,493	155,853	146,881	169,483	174,424	188,631
Ratios								
Current Ratio	1.3	1.2	1.2	1.2	1.3	1.4	1.5	1.5
Debt to Equity	3.1	2.8	2.6	2.4	2.2	2.0	1.8	1.6
Days Sales in Accounts Receivable	27.0	37.8	32.9	33.0	33.0	33.0	32.9	32.9
Months Operating Expenses in Unrestricted Cash	6.4	4.9	7.9	9.8	11.5	13.3	15.1	16.8
Debt Coverage Ratio	1.9	2.0	2.0	1.9	1.7	1.8	1.8	1.9

EXECUTIVE SUMMARY		Reviewer		John Brady	
KENTUCKY INFRASTRUCTURE AUTHORITY		Date		October 1, 2026	
FUND B, INFRASTRUCTURE		KIA Loan Number		B26-011	
REVOLVING LOAN FUND		WRIS Number		WX21211117	
BORROWER		WEST SHELBY WATER DISTRICT SHELBY COUNTY			
BRIEF DESCRIPTION					
The West Shelby Water District is requesting a Fund B loan in the amount of \$2,510,000 for the Water Tank Rehab & Asbestos Cement (AC) Waterline Replacement project. The project includes the rehabilitation of an existing 250,000 gallon elevated water storage tank and the replacement of approximately 9,800 linear feet (LF) of 6" AC waterlines within the District's distribution service area. The existing elevated storage tank is one of three owned by the District and has not been repainted in decades. The rehab will help to protect the interior and exterior coatings of the tank from continuous exposure to water and environmental elements. The AC waterlines that will be replaced have been in service since the 1970's and are deteriorating. Out of the approximately 9,800 LF of waterline, 9,500 LF will be replaced with 6" PVC and 300 LF will be replaced with 20" ductile iron. This project will help the system maintain compliance with the Safe Drinking Water Act and aid West Shelby Water District's overall goal to abandon all existing AC waterlines currently in service. It will also help maintain water quality and supply capabilities throughout system and help avoid costly shutdowns of certain parts of the system due to repair activities.					
PROJECT FINANCING		PROJECT BUDGET			
Fund B Loan	\$2,510,000	Administrative Expenses		\$9,000	
		Eng - Design / Const		154,400	
		Eng - Insp		109,500	
		Construction		2,020,625	
		Contingency		201,475	
		Other		15,000	
TOTAL	\$2,510,000	TOTAL		\$2,510,000	
REPAYMENT	Rate	2.75%	Est. Annual Payment		\$169,020
	Term	20 Years	1st Payment 6 Mo. after first draw		
PROFESSIONAL SERVICES	Engineer	Kenvirons Inc.			
	Bond Counsel	Dinsmore & Shohl, LLP			
PROJECT SCHEDULE	Bid Opening	Nov-26			
	Construction Start	Feb-27			
	Construction Stop	Dec-27			
DEBT PER CUSTOMER	Existing	\$171			
	Proposed	\$1,031			
OTHER DEBT		See Attached			
RESIDENTIAL RATES		Users	Avg. Bill		
	Current	2,861	\$31.23 (for 4,000 gallons)		
REGIONAL COORDINATION This project is consistent with regional planning recommendations.					
CASHFLOW	Cash Flow Before Debt Service	Debt Service	Cash Flow After Debt Service		Coverage Ratio
Audited 2023	532,911	78,169	454,742		6.8
Audited 2024	587,509	48,700	538,809		12.1
Audited 2025	462,645	36,850	425,795		12.6
Projected 2026	452,140	49,500	402,640		9.1
Projected 2027	440,983	49,250	391,733		9.0
Projected 2028	422,848	218,970	203,878		1.9
Projected 2029	410,309	218,570	191,739		1.9
Projected 2030	397,037	218,120	178,917		1.8

Reviewer: John Brady
Date: October 1, 2026
Loan Number: B26-011

**KENTUCKY INFRASTRUCTURE AUTHORITY
INFRASTRUCTURE REVOLVING LOAN FUND (FUND B)
WEST SHELBY WATER DISTRICT, SHELBY COUNTY
PROJECT REVIEW
WX21211117**

I. PROJECT DESCRIPTION

The West Shelby Water District is requesting a Fund B loan in the amount of \$2,510,000 for the Water Tank Rehab & Asbestos Cement (AC) Waterline Replacement project. The project includes the rehabilitation of an existing 250,000 gallon elevated water storage tank and the replacement of approximately 9,800 linear feet (LF) of 6" AC waterlines within the District's distribution service area.

The existing elevated storage tank is one of three owned by the District and has not been repainted in decades. The rehab will help to protect the interior and exterior coatings of the tank from continuous exposure to water and environmental elements.

The AC waterlines that will be replaced have been in service since the 1970's and are deteriorating. Out of the approximately 9,800 LF of waterline, 9,500 LF will be replaced with 6" PVC and 300 LF will be replaced with 20" ductile iron.

This project will help the system maintain compliance with the Safe Drinking Water Act and aid West Shelby Water District's overall goal to abandon all existing AC waterlines currently in service. It will also help maintain water quality and supply capabilities throughout system and help avoid costly shutdowns of certain parts of the system due to repair activities.

The District currently serves 2,569 residential customers and 292 commercial and industrial customers.

II. PROJECT BUDGET

	Total
Administrative Expenses	\$ 9,000
Engineering Fees - Design	154,400
Engineering Fees - Inspection	109,500
Construction	2,020,625
Contingency	201,475
Other	15,000
Total	\$ 2,510,000

III. PROJECT FUNDING

	Amount	%
Fund B Loan	\$ 2,510,000	100%
Total	\$ 2,510,000	100%

IV. KIA DEBT SERVICE

Construction Loan	\$ 2,510,000
Less: Principal Forgiveness	0
Amortized Loan Amount	\$ 2,510,000
Interest Rate	2.75%
Loan Term (Years)	20
Estimated Annual Debt Service	\$ 164,000
Administrative Fee (0.20%)	5,020
Total Estimated Annual Debt Service	\$ 169,020

V. PROJECT SCHEDULE

Bid Opening:	November 2026
Construction Start:	February 2027
Construction Stop:	December 2027

VI. RATE STRUCTURE

A. Customers

Customers	Current
Residential	2,569
Commercial	170
Other	122
Total	2,861

B. Rates

	Current	Prior	Prior
Date of Last Rate Increase	07/15/26	07/15/25	07/15/24
Minimum (First 2,500 Gallons)	\$21.42	\$21.17	\$20.97
Next 7,500 Gallons (Per 1,000)	6.54	6.44	6.36
Cost for 4,000 Gallons	\$31.23	\$30.83	\$30.51
Increase %	1.3%	1.0%	1.3%
Affordability Index (Rate/MHI)	0.4%	0.4%	0.4%

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2020-2024, the Utility's service area population is 5,821 with a Median Household Income (MHI) of \$93,245. The MHI for the Commonwealth is \$63,726. The loan will qualify for a 2.75% interest rate.

VIII. FINANCIAL ANALYSIS

Financial information was obtained from the audited financial statements for the years ended December 31, 2023 through December 31, 2025. The non-cash impacts of GASB 68 – Accounting and Financial Reporting for Pensions and GASB 75 – Accounting and Financial Reporting for Other Postemployment Benefit have been removed from the operating expenses. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

HISTORY

Total water revenues increased 14% from \$2.05 million in 2023 to \$2.33 million in 2025 primarily due to system growth. Operating expenses increased 23.5% from \$1.65 million to \$2.04 million during the same period. The increase was due to the purchase of new water meters and other one-time expenses. They also purchased more water during this period due to the growth of the customer base. The debt coverage ratio was 6.8, 12.1, and 12.6 in 2023, 2024, and 2025.

The balance sheet reflects a current ratio of 11.6, a debt-to-equity ratio of 0.1, 25.4 days of sales in accounts receivable, and 14.0 months of operating expenses in unrestricted cash.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Water revenues will grow 2% annually due to system growth.
- 2) Operating expenses will increase 3% annually due to inflation and system maintenance expenses.
- 3) Purchased water expenses will increase 2.5% annually due to rate adjustments from wholesale suppliers.
- 4) Debt service coverage is 1.9 in 2028 when principal and interest repayments begin.

Based on the pro forma assumptions, the utility shows adequate cash flow to repay the KIA Fund B loan.

The West Shelby Water District is regulated by the Public Service Commission (PSC) and will need to apply to the PSC, pursuant to KRS 278.300, for debt authorization for the \$2,510,000 loan and must receive a Certificate of Public Convenience and Necessity, pursuant to KRS 278.020.

REPLACEMENT RESERVE

The replacement reserve will be 5% (\$126,000 total) of the final amount borrowed to be funded annually (\$6,300 yearly) each December 1 for 20 years and maintained for the life of the loan.

IX. DEBT OBLIGATIONS

	Outstanding	Maturity
Series 2011 Bonds	\$ 490,000	2039
Total	\$ 490,000	

X. CONTACTS

Legal Applicant

Entity Name	West Shelby Water District
Authorized Official	Raymond Williams (Chairman)
County	Shelby
Email	dakota516.rw@gmail.com
Phone	(502) 722-8944
Address	PO Box 39 Simpsonville, KY 40067

Applicant Contact

Name	Melvin Phenix
Organization	West Shelby Water District
Email	mphenix@westshelbywater.org
Phone	(502) 722-8944
Address	137 Citizens Blvd Simpsonville, KY 40067

Project Administrator

Name	Justin Carter
Organization	KIPDA
Email	justin.carter@kipda.org
Phone	(502) 266-6084
Address	11520 Commonwealth Dr Louisville, KY 40299

Consulting Engineer

PE Name	Brendan Welch
Firm Name	Kenvirons Inc.
Email	bwelch@kenvirons.com
Phone	(502) 695-4357
Address	770 Wilkinson Blvd Frankfort, KY 40601

XI. RECOMMENDATIONS

KIA staff recommends approval of the loan with the standard conditions.

WEST SHELBY WATER DISTRICT
FINANCIAL SUMMARY (DECEMBER YEAR END)

	Audited	Audited	Audited	Projected	Projected	Projected	Projected	Projected
	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
Balance Sheet								
Assets								
Current Assets	2,343,034	2,656,815	2,948,072	3,353,909	3,748,942	3,956,120	4,151,259	4,333,676
Other Assets	14,899,288	15,582,185	17,139,301	16,864,482	19,099,663	18,762,094	18,424,525	18,086,956
Total	<u>17,242,322</u>	<u>18,239,000</u>	<u>20,087,373</u>	<u>20,218,391</u>	<u>22,848,605</u>	<u>22,718,214</u>	<u>22,575,784</u>	<u>22,420,632</u>
Liabilities & Equity								
Current Liabilities	247,357	222,991	254,009	255,201	382,901	384,101	385,301	386,501
Long Term Liabilities	1,412,851	1,252,457	1,118,680	1,092,680	3,449,180	3,294,680	3,139,180	2,982,680
Total Liabilities	<u>1,660,208</u>	<u>1,475,448</u>	<u>1,372,689</u>	<u>1,347,881</u>	<u>3,832,081</u>	<u>3,678,781</u>	<u>3,524,481</u>	<u>3,369,181</u>
Net Assets	<u>15,582,114</u>	<u>16,763,552</u>	<u>18,714,684</u>	<u>18,870,510</u>	<u>19,016,524</u>	<u>19,039,433</u>	<u>19,051,303</u>	<u>19,051,451</u>
Cash Flow								
Revenues	2,046,794	2,262,959	2,332,977	2,378,819	2,425,577	2,473,271	2,521,919	2,571,539
Operating Expenses	1,651,765	1,882,938	2,040,152	2,096,499	2,154,414	2,220,243	2,281,430	2,344,322
Other Income	137,882	207,488	169,820	169,820	169,820	169,820	169,820	169,820
Cash Flow Before Debt Service	<u>532,911</u>	<u>587,509</u>	<u>462,645</u>	<u>452,140</u>	<u>440,983</u>	<u>422,848</u>	<u>410,309</u>	<u>397,037</u>
Debt Service								
Existing Debt Service	78,169	48,700	36,850	49,500	49,250	49,950	49,550	49,100
Proposed KIA Loan	0	0	0	0	0	169,020	169,020	169,020
Total Debt Service	<u>78,169</u>	<u>48,700</u>	<u>36,850</u>	<u>49,500</u>	<u>49,250</u>	<u>218,970</u>	<u>218,570</u>	<u>218,120</u>
Cash Flow After Debt Service	<u>454,742</u>	<u>538,809</u>	<u>425,795</u>	<u>402,640</u>	<u>391,733</u>	<u>203,878</u>	<u>191,739</u>	<u>178,917</u>
Ratios								
Current Ratio	9.5	11.9	11.6	13.1	9.8	10.3	10.8	11.2
Debt to Equity	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
Days Sales in Accounts Receivable	25.2	26.9	25.4	25.4	25.4	25.4	25.4	25.4
Months Operating Expenses in Unrestricted Cash	14.1	13.7	14.1	16.0	17.8	18.4	18.9	19.3
Debt Coverage Ratio	6.8	12.1	12.6	9.1	9.0	1.9	1.9	1.8

EXECUTIVE SUMMARY		Reviewer		Jeremy Skinner
KENTUCKY INFRASTRUCTURE AUTHORITY		Date		October 1, 2026
FUND F, FEDERALLY ASSISTED DRINKING WATER		KIA Loan Number		F26-003
REVOLVING LOAN FUND		WRIS Number		WX21019074
BORROWER		CITY OF ASHLAND BOYD COUNTY		
BRIEF DESCRIPTION				
The City of Ashland is requesting a Fund F loan in the amount of \$5,895,578 for the Ashland: PFAS Project – Phase B Water Treatment Plant GAC Filtration project. The project consists of the design and construction of improvements at the City's water treatment plant to remove Polyfluoroalkyl Substances (PFAS) from the City's raw water supply. After a study of treatment alternatives, the City selected powdered activated carbon (PAC) as the treatment technology for the project rather than granular activated carbon (GAC).				
PROJECT FINANCING		PROJECT BUDGET		
Fund F Loan	\$5,895,578	Administrative Expenses	\$30,000	
F26-003E	1,604,423	Legal Expenses	5,000	
Local Funds	2,624,999	Land, Easements	50,000	
		Planning	30,000	
		Eng - Design / Const	905,000	
		Eng - Insp	300,000	
	-	Eng - Other	50,000	
	-	Construction	7,235,000	
	-	Contingency	1,520,000	
TOTAL	\$10,125,000	TOTAL	\$10,125,000	
REPAYMENT	Rate	1.75%	Est. Annual Payment	\$237,644
	Term	20 Years	1st Payment	6 Mo. after first draw
PROFESSIONAL SERVICES	Engineer	Hazen and Sawyer		
	Bond Counsel	Dinsmore & Shohl, LLP		
PROJECT SCHEDULE	Bid Opening	Dec-27		
	Construction Start	Mar-28		
	Construction Stop	Mar-30		
DEBT PER CUSTOMER	Existing	\$589		
	Proposed	\$4,328		
OTHER DEBT		See Attached		
RESIDENTIAL RATES		Users	Avg. Bill	
	Current	15,547	\$43.19 (for 4,000 gallons)	
	Additional	0	\$43.19 (for 4,000 gallons)	
REGIONAL COORDINATION This project is consistent with regional planning recommendations.				
CASHFLOW	Cash Flow Before Debt Service	Debt Service	Cash Flow After Debt Service	Coverage Ratio
Audited 2023	2,228,177	2,332,748	(104,571)	1.0
Audited 2024	3,408,232	2,317,706	1,090,526	1.5
Audited 2025	6,777,136	1,798,420	4,978,716	3.8
Projected 2026	8,524,643	1,548,467	6,976,177	5.5
Projected 2027	9,918,261	1,877,228	8,041,033	5.3
Projected 2028	10,279,516	1,947,676	8,331,840	5.3
Projected 2029	10,485,216	1,869,279	8,615,938	5.6
Projected 2030	10,209,888	5,160,888	5,049,000	2.0
Projected 2031	10,119,116	7,623,671	2,495,445	1.3

Reviewer: Jeremy Skinner
Date: October 1, 2026
Loan Number: F26-003

**KENTUCKY INFRASTRUCTURE AUTHORITY
DRINKING WATER STATE REVOLVING FUND (FUND F)
CITY OF ASHLAND, BOYD COUNTY
PROJECT REVIEW
WX21019074**

I. PROJECT DESCRIPTION

The City of Ashland is requesting a Fund F loan in the amount of \$5,895,578 for the Ashland: PFAS Project – Phase B Water Treatment Plant GAC Filtration project. The project consists of the design and construction of improvements at the City's water treatment plant to remove Polyfluoroalkyl Substances (PFAS) from the City's raw water supply. After a study of treatment alternatives, the City selected powdered activated carbon (PAC) as the treatment technology for the project rather than granular activated carbon (GAC).

PFAS have been identified in the Ohio River, which is the raw water source for the City of Ashland. This project will enable the City to meet compliance levels for drinking water and will result in improved water quality for the City and its regional customers.

The City of Ashland provides water services to 13,371 residential, 2,163 commercial, and eight industrial customers. The City provides wholesale water services to the Cannonsburg Water District, the Big Sandy Water District, the City of Flatwoods, the City of Russell, and the City of Kenova (WV). Additionally, the City provides sewer services to 7,461 residential and 1,503 commercial customers. The City also treats wastewater from the Boyd County Sanitation District #4.

II. PROJECT BUDGET

	<u>Total</u>
Administrative Expenses	\$30,000
Legal Expenses	5,000
Land, Appraisals, Easements	50,000
Planning	30,000
Engineering Fees – Design/Construction	905,000
Engineering Fees – Inspection	300,000
Engineering Fees – Other	50,000
Construction	7,235,000
Contingency	<u>1,520,000</u>
Total	\$10,125,000

III. PROJECT FUNDING

	Amount	%
KIA Fund F Loan (F26-003)	\$5,895,578	58.2%
KIA Fund F Loan (F26-003E)	1,604,423	15.8
Local Funds	2,624,999	25.9
	\$10,125,000	100.0%*

* Percentages in column do not equal 100.0% due to rounding.

IV. KIA DEBT SERVICE

Construction Loan	\$5,895,578
Less: Principal Forgiveness	2,091,784
Amortized Loan Amount	\$3,803,794
Interest Rate	1.75%
Loan Term (Years)	20
Estimated Annual Debt Service	\$226,233
Administrative Fee (0.30%)	11,411
Total Estimated Annual Debt Service	\$237,644

V. PROJECT SCHEDULE

Bid Opening:	December 2027
Construction Start:	March 2028
Construction Stop:	March 2030

VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

A) Customers

Customers	Current
Residential	13,371
Commercial	2,163
Industrial	8
Wholesale	5
Total	15,547

B) Rates

Water – Inside City	Current	Prior	Prior	Prior
Date of Last Rate Increase	1/01/26	1/01/25	7/01/24	1/1/24
Administrative/Billing Charge	\$9.49	\$9.04	\$8.61	\$7.81
0 – 2,000 Gallons (per 1,000 G)	9.62	9.16	8.72	7.92
2,001 – 10,000 Gallons (per 1,000 G)	7.23	6.89	6.56	5.96
10,001 – 100,000 Gallons (per 1,000 G)	5.85	5.57	5.31	4.82
100,000+ Gallons (per 1,000 G)	4.73	4.50	4.29	3.89
Cost for 4,000 gallons	\$43.19	\$41.14	\$39.17	\$35.57
Increase %	5.0%	5.0%	10.1%	
Affordability Index (Rate/MHI)	0.9%	0.9%	0.9%	0.8%

Water – Outside City	Current	Prior	Prior	Prior
Date of Last Rate Increase	1/01/26	1/01/25	7/01/24	1/1/24
Administrative/Billing Charge	\$9.49	\$9.04	\$8.61	\$7.81
0 – 2,000 Gallons (per 1,000 G)	16.35	15.57	14.83	13.47
2,001 – 10,000 Gallons (per 1,000 G)	12.24	11.66	11.10	10.17
10,001 – 100,000 Gallons (per 1,000 G)	9.92	9.45	9.00	8.17
100,000+ Gallons (per 1,000 G)	8.03	7.65	7.29	6.62
Cost for 4,000 gallons	\$66.67	\$63.50	\$60.47	\$55.09
Increase %	5.0%	5.0%	9.8%	
Affordability Index (Rate/MHI)	1.5%	1.4%	1.3%	1.2%

Water – Wholesale*	Current	Prior	Prior	Prior
Date of Last Rate Increase	1/01/26	1/01/25	7/01/24	1/1/24
Per 1,000 Gallons	\$4.24	\$3.64	\$2.94	\$2.94
Increase %	16.5%	23.8%	0.0%	

* The rates here reflect wholesale rates charged the Cannonsburg Water District and the Big Sandy Water District. The District also has contracts with the City of Flatwoods, the City of Russell, and the City of Kenova (WV); however, these contracts are for supplemental water sales and produce minimal revenues for the City of Ashland.

Sewer – Inside City	Current	Prior	Prior	Prior
Date of Last Rate Increase	1/01/26	1/01/25	7/01/24	1/1/24
Standard Rate (per 1,000 gallons)	\$9.92	\$8.20	\$7.45	\$6.77
EPA CSO Surcharge	3.50	3.50	3.50	3.50
Cost for 4,000 gallons	\$43.18	\$36.30	\$33.30	\$30.58
Increase %	19.0%	9.0%	8.9%	
Affordability Index (Rate/MHI)	0.9%	0.8%	0.7%	0.6%

Sewer – Outside City	Current	Prior	Prior	Prior
Date of Last Rate Increase	1/01/26	1/01/25	7/01/24	1/1/24
Standard Rate (per 1,000 gallons)	\$14.88	\$12.30	\$11.17	\$10.15
EPA CSO Surcharge	3.50	3.50	3.50	3.50
Cost for 4,000 gallons	\$63.02	\$52.70	\$48.18	\$44.10
Increase %	19.6%	9.4%	9.3%	
Affordability Index (Rate/MHI)	1.4%	1.2%	1.1%	1.0%

Sewer – Wholesale (KISOP)	Current	Prior	Prior	Prior
Date of Last Rate Increase	1/01/26	1/01/25	7/01/24	1/1/24
Per 1,000 Gallons	\$8.93	\$7.38	\$6.70	\$5.81
Increase %	21.0%	10.1%	15.3%	

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2019-2023, the Utility's service area population is 34,891 with a Median Household Income (MHI) of \$54,913. The MHI for the Commonwealth is \$62,417. The loan will qualify for a 1.75% interest rate.

VIII. 2025 CAPITALIZATION GRANT EQUIVALENCIES

- 1) Green Project Reserve - The Drinking Water capitalization grant does not contain a "green" requirement.
- 2) Additional Subsidization – This project qualifies for additional subsidization. Principal forgiveness of 35.5% of the assistance amount, not to exceed \$2,091,784, will be credited to the loan balance.

IX. FINANCIAL ANALYSIS

Financial information was obtained from the audited financial statements for the years ended June 30, 2023, through June 30, 2025. The non-cash impacts of GASB 68 – Accounting and Financial Reporting for Pensions and GASB 75 – Accounting and Financial Reporting for Other Postemployment Benefit have been removed from the operating expenses. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

HISTORY

Total operating revenues for the City's water and sewer systems increased 31 percent from \$19.01 million in fiscal year (FY) 2023 to \$24.84 million in FY 2025. Retail and wholesale water revenues increased 26 percent from \$9.8 million in FY 2023 to \$12.35 million in FY 2025, while retail and wholesale sewer revenues

increased nearly 35 percent from \$8.2 million in 2023 to \$11.06 million in 2025. The rise in revenues is primarily due to regular rate increases addressing inflation and planned capital projects. Revenue growth far outpaced operating expenses, which increased 8.23 percent over the same three-year period. The debt service coverage ratio was 1.0, 1.5, and 3.8 in 2023, 2024, and 2025, respectively.

The balance sheet reflects a current ratio of 0.7, a debt-to-equity ratio of 1.1, 57 days of sales in accounts receivable, and 1.1 months of operating expenses in unrestricted cash. The results for the current ratio and number of months in operating expenses calculations understate the utility system's liquidity because they exclude restricted cash and investments which as of FYE 2025 exceeded \$15 million.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Retail water revenues will increase 5.0 percent in FY 2026 and 4.2 percent in FY 2027 due to rate increases implemented in January 2025 and January 2026. The 2027 water revenues also include an annual CPI adjustment that is expected to be implemented in January 2027. For the purposes of this analysis, the January 2027 CPI adjustment is expected to be 3.5 percent.
- 2) Retail sewer revenues will increase 14.3 percent in FY 2026 and 10.5 percent in FY 2027 due to rate increases implemented in January 2025 and January 2026. The 2027 sewer revenues also include an annual CPI adjustment that is expected to be implemented in January 2027. For the purposes of this analysis, the January 2027 CPI adjustment is expected to be 3.5 percent.
- 3) Retail water and sewer revenues will increase 3 percent annually in FYs 2028, 2029, 2030, and 2031 due to expected annual CPI adjustments.
- 4) Operating expenses will increase 3.5 percent in FYs 2026 and 2027 and 3.0 percent annually thereafter due to inflation.
- 5) In addition to inflation-related increases, operating expenses will increase by \$600,000 annually following the completion of the PFAS removal project due to increased treatment costs.
- 6) Debt service coverage is **1.3** in 2031 when principal and interest repayments begin.

Based on the pro forma assumptions, the utility shows adequate cash flow to repay the KIA Fund F loan.

REPLACEMENT RESERVE

The replacement reserve will be 5% (\$294,000 total) of the final amount borrowed prior to principal forgiveness, to be funded annually (\$14,700 yearly) each December 1 for 20 years and maintained for the life of the loan.

X. DEBT OBLIGATIONS

	Outstanding*	Maturity
Water & Sewer Revenue Bonds (Series 2015)	\$1,560,000	2030
Water & Sewer Revenue Bonds (Series 2020)	9,275,000	2041
KIA Loan A10-01	3,149,446	2034
Financing Lease – Radio Meters	425,833	2029
KIA Loan F24-056L^	N/A	N/A
Water & Sewer Revenue Bonds (Series 2026)	9,975,000	2047
Total	\$24,385,279	

* Loan/Lease balances as of FYE 2025, except for the Series 2026 bonds which were issued July 2026.

^ KIA Loan F24-056L is a lead service line inventory loan in the amount of \$874,130 and 100 percent principal forgiveness. There will be no payback for this loan.

In addition to the loans above, the City of Ashland also has an ongoing Fund A construction loan (A22-005) with a loan amount of \$44 million, of which \$14.08 million has been disbursed as of mid-September 2026. An increase of \$25 million for this loan is currently pending. For analysis purposes, it is assumed that the loan amount will be \$69 million with principal and interest payments commencing FY 2030.

Also, there is another pending KIA loan (F26-003E) for this project in the amount of \$1,604,423. This loan includes 100 percent principal forgiveness so – if approved – there will be no principal or interest repayments.

XI. CONTACTS

Legal Applicant	
Name	City of Ashland
Address	1700 Greenup Avenue Ashland, KY 41105
County	Boyd
Authorized Official	Mayor Chuck D. Charles
Phone	(606) 385-3300
Email	ccharles@ashlandky.gov

Project Contact - Applicant

Name	Mark Hall
Representing	City of Ashland
Address	1700 Greenup Avenue Ashland, KY 41105
Phone	(606) 385-3332
Email	mhall@ashlandky.gov

Project Administrator

Name	Lashawna Miller
Representing	FIVCO Area Development District
Address	32 FIVCO Ct. Grayson, KY 41143
Phone	(606) 929-1366
Email	lashawna@fivco.org

Consulting Engineer

Name	Mike Asalon, PE
Firm	Hazen and Sawyer
Address	220 Lexington Green Circle, Ste 200 Lexington, KY 40503
Phone	(859) 286-1268
Email	masalon@hazenandsawyer.com

XII. RECOMMENDATIONS

KIA staff recommends approval of the loan with the standard conditions.

CITY OF ASHLAND
FINANCIAL SUMMARY (JUNE YEAR END)

	Audited 2023	Audited 2024	Audited 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	Projected 2030	Projected 2031
Balance Sheet									
Assets									
Current Assets	4,858,662	5,988,347	7,517,368	9,327,141	11,289,548	13,119,416	14,982,304	16,136,004	16,783,292
Other Assets	76,552,351	75,385,639	77,405,209	80,063,008	93,572,693	94,183,848	210,144,281	218,254,164	214,196,203
Total	81,411,013	81,373,986	84,922,577	89,390,150	104,862,241	107,303,264	225,126,585	234,390,168	230,979,495
Liabilities & Equity									
Current Liabilities	13,543,434	11,975,126	11,460,191	11,525,770	11,533,297	11,497,920	16,415,015	15,894,090	15,928,517
Long Term Liabilities	36,209,872	35,385,901	32,406,312	31,138,851	39,874,763	38,657,252	121,455,692	119,668,804	114,055,497
Total Liabilities	49,753,306	47,361,027	43,866,503	42,664,621	51,408,060	50,155,172	137,870,707	135,562,895	129,984,013
Net Assets	31,657,707	34,012,959	41,056,074	46,725,529	53,454,181	57,148,092	87,255,878	98,827,273	100,995,482
Cash Flow									
Revenues	19,011,221	20,819,789	24,840,077	27,246,709	29,302,856	30,251,869	31,062,960	31,898,384	32,758,871
Operating Expenses	16,899,124	17,731,816	18,289,273	18,948,398	19,610,927	20,198,685	20,804,076	21,914,828	22,866,087
Other Income	116,080	320,259	226,332	226,332	226,332	226,332	226,332	226,332	226,332
Cash Flow Before Debt Service	2,228,177	3,408,232	6,777,136	8,524,643	9,918,261	10,279,516	10,485,216	10,209,888	10,119,116
Debt Service									
Existing Debt Service	2,332,748	2,317,706	1,798,420	1,548,467	1,877,228	1,947,676	1,869,279	5,042,066	7,386,027
Proposed KIA Loan	0	0	0	0	0	0	0	118,822	237,644
Total Debt Service	2,332,748	2,317,706	1,798,420	1,548,467	1,877,228	1,947,676	1,869,279	5,160,888	7,623,671
Cash Flow After Debt Service	(104,571)	1,090,526	4,978,716	6,976,177	8,041,033	8,331,840	8,615,938	5,049,000	2,495,445
Ratios									
Current Ratio	0.4	0.5	0.7	0.8	1.0	1.1	0.9	1.0	1.1
Debt to Equity	1.6	1.4	1.1	0.9	1.0	0.9	1.6	1.4	1.3
Days Sales in Accounts Receivable	50.1	57.0	62.9	62.9	62.9	62.9	62.9	62.9	62.9
Months Operating Expenses in Unrestricted Cash	0.6	0.3	1.1	2.0	2.9	3.8	4.7	5.0	5.1
Debt Coverage Ratio	1.0	1.5	3.8	5.5	5.3	5.3	5.6	2.0	1.3

EXECUTIVE SUMMARY		Reviewer		Jeremy Skinner	
KENTUCKY INFRASTRUCTURE AUTHORITY		Date		October 1, 2026	
FUND F, FEDERALLY ASSISTED DRINKING WATER		KIA Loan Number		F26-003E	
REVOLVING LOAN FUND		WRIS Number		WX21019074	
BORROWER		CITY OF ASHLAND BOYD COUNTY			
BRIEF DESCRIPTION					
The City of Ashland is requesting a Fund F loan in the amount of \$1,604,423 for the Ashland: PFAS Project – Phase B Water Treatment Plant GAC Filtration project. The project consists of the design and construction of improvements at the City's water treatment plant to remove Polyfluoroalkyl Substances (PFAS) from the City's raw water supply. After a study of treatment alternatives, the City selected powdered activated carbon (PAC) as the treatment technology for the project rather than granular activated carbon (GAC).					
PROJECT FINANCING		PROJECT BUDGET			
Fund F Loan	\$1,604,423	Administrative Expenses	\$30,000		
F26-003	5,895,578	Legal Expenses	5,000		
Local Funds	2,624,999	Land, Easements	50,000		
		Planning	30,000		
		Eng - Design / Const	905,000		
		Eng - Insp	300,000		
	-	Eng - Other	50,000		
	-	Construction	7,235,000		
	-	Contingency	1,520,000		
TOTAL	\$10,125,000	TOTAL	\$10,125,000		
REPAYMENT	Rate	N/A	Est. Annual Payment	N/A	
	Term	N/A	1st Payment	N/A	
PROFESSIONAL SERVICES	Engineer	Hazen and Sawyer			
	Bond Counsel	Dinsmore & Shohl, LLP			
PROJECT SCHEDULE	Bid Opening	Dec-27			
	Construction Start	Mar-28			
	Construction Stop	Mar-30			
DEBT PER CUSTOMER	Existing	\$589			
OTHER DEBT	See Attached				
RESIDENTIAL RATES		Users	Avg. Bill		
	Current	15,547	\$43.19 (for 4,000 gallons)		
	Additional	0	\$43.19 (for 4,000 gallons)		
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.				
CASHFLOW	Cash Flow Before Debt Service	Debt Service	Cash Flow After Debt Service	Coverage Ratio	
Audited 2023	2,228,177	2,332,748	(104,571)	1.0	
Audited 2024	3,408,232	2,317,706	1,090,526	1.5	
Audited 2025	6,777,136	1,798,420	4,978,716	3.8	
Projected 2026	8,524,643	1,548,467	6,976,177	5.5	
Projected 2027	9,918,261	1,877,228	8,041,033	5.3	
Projected 2028	10,279,516	1,947,676	8,331,840	5.3	
Projected 2029	10,485,216	1,869,279	8,615,938	5.6	
Projected 2030	10,209,888	5,160,888	5,049,000	2.0	
Projected 2031	10,119,116	7,623,671	2,495,445	1.3	

Reviewer: Jeremy Skinner
Date: October 1, 2026
Loan Number: F26-003E

**KENTUCKY INFRASTRUCTURE AUTHORITY
DRINKING WATER STATE REVOLVING FUND (FUND F)
CITY OF ASHLAND, BOYD COUNTY
PROJECT REVIEW
WX21019074**

I. PROJECT DESCRIPTION

The City of Ashland is requesting a Fund F loan in the amount of \$1,604,423 for the Ashland: PFAS Project – Phase B Water Treatment Plant GAC Filtration project. The project consists of the design and construction of improvements at the City's water treatment plant to remove Polyfluoroalkyl Substances (PFAS) from the City's raw water supply. After a study of treatment alternatives, the City selected powdered activated carbon (PAC) as the treatment technology for the project rather than granular activated carbon (GAC).

PFAS have been identified in the Ohio River, which is the raw water source for the City of Ashland. This project will enable the City to meet compliance levels for drinking water and will result in improved water quality for the City and its regional customers.

The City of Ashland provides water services to 13,371 residential, 2,163 commercial, and eight industrial customers. The City provides wholesale water services to the Cannonsburg Water District, the Big Sandy Water District, the City of Flatwoods, the City of Russell, and the City of Kenova (WV). Additionally, the City provides sewer services to 7,461 residential and 1,503 commercial customers. The City also treats wastewater from the Boyd County Sanitation District #4.

II. PROJECT BUDGET

	Total
Administrative Expenses	\$30,000
Legal Expenses	5,000
Land, Appraisals, Easements	50,000
Planning	30,000
Engineering Fees – Design/Construction	905,000
Engineering Fees – Inspection	300,000
Engineering Fees – Other	50,000
Construction	7,235,000
Contingency	1,520,000
Total	\$10,125,000

III. PROJECT FUNDING

	Amount	%
KIA Fund F Loan (F26-003E)	\$1,604,423	15.8%
KIA Fund F Loan (F26-003)	5,895,578	15.8
Local Funds	2,624,999	25.9
	\$10,125,000	100.0%*

* Percentages in column do not equal 100.0% due to rounding.

IV. KIA DEBT SERVICE

Construction Loan	\$1,604,423
Less: Principal Forgiveness	1,604,423
Amortized Loan Amount	\$ -

V. PROJECT SCHEDULE

Bid Opening:	December 2027
Construction Start:	March 2028
Construction Stop:	March 2030

VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

A) Customers

Customers	Current
Residential	13,371
Commercial	2,163
Industrial	8
Wholesale	5
Total	15,547

B) Rates

Water – Inside City	Current	Prior	Prior	Prior
Date of Last Rate Increase	1/01/26	1/01/25	7/01/24	1/1/24
Administrative/Billing Charge	\$9.49	\$9.04	\$8.61	\$7.81
0 – 2,000 Gallons (per 1,000 G)	9.62	9.16	8.72	7.92
2,001 – 10,000 Gallons (per 1,000 G)	7.23	6.89	6.56	5.96
10,001 – 100,000 Gallons (per 1,000 G)	5.85	5.57	5.31	4.82
100,000+ Gallons (per 1,000 G)	4.73	4.50	4.29	3.89
Cost for 4,000 gallons	\$43.19	\$41.14	\$39.17	\$35.57
Increase %	5.0%	5.0%	10.1%	
Affordability Index (Rate/MHI)	0.9%	0.9%	0.9%	0.8%

Water – Outside City	Current	Prior	Prior	Prior
Date of Last Rate Increase	1/01/26	1/01/25	7/01/24	1/1/24
Administrative/Billing Charge	\$9.49	\$9.04	\$8.61	\$7.81
0 – 2,000 Gallons (per 1,000 G)	16.35	15.57	14.83	13.47
2,001 – 10,000 Gallons (per 1,000 G)	12.24	11.66	11.10	10.17
10,001 – 100,000 Gallons (per 1,000 G)	9.92	9.45	9.00	8.17
100,000+ Gallons (per 1,000 G)	8.03	7.65	7.29	6.62
Cost for 4,000 gallons	\$66.67	\$63.50	\$60.47	\$55.09
Increase %	5.0%	5.0%	9.8%	
Affordability Index (Rate/MHI)	1.5%	1.4%	1.3%	1.2%

Water – Wholesale*	Current	Prior	Prior	Prior
Date of Last Rate Increase	1/01/26	1/01/25	7/01/24	1/1/24
Per 1,000 Gallons	\$4.24	\$3.64	\$2.94	\$2.94
Increase %	16.5%	23.8%	0.0%	

* The rates here reflect wholesale rates charged the Cannonsburg Water District and the Big Sandy Water District. The District also has contracts with the City of Flatwoods, the City of Russell, and the City of Kenova (WV); however, these contracts are for supplemental water sales and produce minimal revenues for the City of Ashland.

Sewer – Inside City	Current	Prior	Prior	Prior
Date of Last Rate Increase	1/01/26	1/01/25	7/01/24	1/1/24
Standard Rate (per 1,000 gallons)	\$9.92	\$8.20	\$7.45	\$6.77
EPA CSO Surcharge	3.50	3.50	3.50	3.50
Cost for 4,000 gallons	\$43.18	\$36.30	\$33.30	\$30.58
Increase %	19.0%	9.0%	8.9%	
Affordability Index (Rate/MHI)	0.9%	0.8%	0.7%	0.6%

Sewer – Outside City	Current	Prior	Prior	Prior
Date of Last Rate Increase	1/01/26	1/01/25	7/01/24	1/1/24
Standard Rate (per 1,000 gallons)	\$14.88	\$12.30	\$11.17	\$10.15
EPA CSO Surcharge	3.50	3.50	3.50	3.50
Cost for 4,000 gallons	\$63.02	\$52.70	\$48.18	\$44.10
Increase %	19.6%	9.4%	9.3%	
Affordability Index (Rate/MHI)	1.4%	1.2%	1.1%	1.0%

Sewer – Wholesale (KISOP)	Current	Prior	Prior	Prior
Date of Last Rate Increase	1/01/26	1/01/25	7/01/24	1/1/24
Per 1,000 Gallons	\$8.93	\$7.38	\$6.70	\$5.81
Increase %	21.0%	10.1%	15.3%	

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2019-2023, the Utility's service area population is 34,891 with a Median Household Income (MHI) of \$54,913. The MHI for the Commonwealth is \$62,417. The loan will qualify for a 1.75% interest rate.

VIII. 2025 CAPITALIZATION GRANT EQUIVALENCIES

- 1) Green Project Reserve - The Drinking Water capitalization grant does not contain a "green" requirement.
- 2) Additional Subsidization – This project qualifies for additional subsidization. Principal forgiveness of 100% of the assistance amount will be credited to the loan balance.

IX. FINANCIAL ANALYSIS

Financial information was obtained from the audited financial statements for the years ended June 30, 2023, through June 30, 2025. The non-cash impacts of GASB 68 – Accounting and Financial Reporting for Pensions and GASB 75 – Accounting and Financial Reporting for Other Postemployment Benefit have been removed from the operating expenses. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

HISTORY

Total operating revenues for the City's water and sewer systems increased 31 percent from \$19.01 million in fiscal year (FY) 2023 to \$24.84 million in FY 2025. Retail and wholesale water revenues increased 26 percent from \$9.8 million in FY 2023 to \$12.35 million in FY 2025, while retail and wholesale sewer revenues increased nearly 35 percent from \$8.2 million in 2023 to \$11.06 million in 2025. The rise in revenues is primarily due to regular rate increases addressing inflation and planned capital projects. Revenue growth far outpaced operating expenses, which increased 8.23 percent over the same three-year period. The debt service coverage ratio was 1.0, 1.5, and 3.8 in 2023, 2024, and 2025, respectively.

The balance sheet reflects a current ratio of 0.7, a debt-to-equity ratio of 1.1, 57 days of sales in accounts receivable, and 1.1 months of operating expenses in unrestricted cash. The results for the current ratio and number of months in operating expenses calculations understate the utility system's liquidity because they exclude restricted cash and investments which as of FYE 2025 exceeded \$15 million.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Retail water revenues will increase 5.0 percent in FY 2026 and 4.2 percent in FY 2027 due to rate increases implemented in January 2025 and January 2026. The 2027 water revenues also include an annual CPI adjustment that is expected to be implemented in January 2027. For the purposes of this analysis, the January 2027 CPI adjustment is expected to be 3.5 percent.
- 2) Retail sewer revenues will increase 14.3 percent in FY 2026 and 10.5 percent in FY 2027 due to rate increases implemented in January 2025 and January 2026. The 2027 sewer revenues also include an annual CPI adjustment that is expected to be implemented in January 2027. For the purposes of this analysis, the January 2027 CPI adjustment is expected to be 3.5 percent.
- 3) Retail water and sewer revenues will increase 3 percent annually in FYs 2028, 2029, 2030, and 2031 due to expected annual CPI adjustments.
- 4) Operating expenses will increase 3.5 percent in FYs 2026 and 2027 and 3.0 percent annually thereafter due to inflation.
- 5) In addition to inflation-related increases, operating expenses will increase by \$600,000 annually following the completion of the PFAS removal project due to increased treatment costs.
- 6) Debt service coverage is **1.3** in 2031 when principal and interest repayments on all anticipated debt begins.

Based on the pro forma assumptions, the utility shows adequate cash flow to repay all current and anticipated KIA debt.

X. DEBT OBLIGATIONS

	Outstanding*	Maturity
Water & Sewer Revenue Bonds (Series 2015)	\$1,560,000	2030
Water & Sewer Revenue Bonds (Series 2020)	9,275,000	2041
KIA Loan A10-01	3,149,446	2034
Financing Lease – Radio Meters	425,833	2029
KIA Loan F24-056L [^]	N/A	N/A
Water & Sewer Revenue Bonds (Series 2026)	9,975,000	2047
Total	\$24,385,279	

* Loan/Lease balances as of FYE 2025, except for the Series 2026 bonds which were issued July 2026.

[^] KIA Loan F24-056L is a lead service line inventory loan in the amount of \$874,130 and 100 percent principal forgiveness. There will be no payback for this loan.

In addition to the loans above, the City of Ashland also has an ongoing Fund A construction loan (A22-005) with a loan amount of \$44 million, of which \$14.08 million has been disbursed as of mid-September 2026. An increase of \$25 million for this loan is currently pending. For analysis purposes, it is assumed that the loan amount will be \$69 million with principal and interest payments commencing FY 2030.

Also, there is another pending KIA loan (F26-003) for this project in the amount of \$5,895,578. For analysis purposes, it is assumed that the loan amount (less principal forgiveness of \$2,091,784) will amortizing with principal and interest payments commencing in last half of FY 2030.

XI. CONTACTS

Legal Applicant

Name	City of Ashland
Address	1700 Greenup Avenue Ashland, KY 41105
County	Boyd
Authorized Official	Mayor Chuck D. Charles
Phone	(606) 385-3300
Email	ccharles@ashlandky.gov

Project Contact - Applicant

Name	Mark Hall
Representing	City of Ashland
Address	1700 Greenup Avenue Ashland, KY 41105
Phone	(606) 385-3332
Email	mhall@ashlandky.gov

Project Administrator

Name	Lashawna Miller
Representing	FIVCO Area Development District
Address	32 FIVCO Ct. Grayson, KY 41143
Phone	(606) 929-1366
Email	lashawna@fivco.org

Consulting Engineer

Name	Mike Asalon, PE
Firm	Hazen and Sawyer
Address	220 Lexington Green Circle, Ste 200 Lexington, KY 40503
Phone	(859) 286-1268
Email	masalon@hazenandsawyer.com

XII. RECOMMENDATIONS

KIA staff recommends approval of the loan with the standard conditions.

CITY OF ASHLAND
FINANCIAL SUMMARY (JUNE YEAR END)

	Audited 2023	Audited 2024	Audited 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	Projected 2030	Projected 2031
Balance Sheet									
Assets									
Current Assets	4,858,662	5,988,347	7,517,368	9,327,141	11,289,548	13,119,416	14,982,304	16,136,004	16,783,292
Other Assets	76,552,351	75,385,639	77,405,209	80,063,008	93,572,693	94,183,848	210,144,281	218,254,164	214,196,203
Total	81,411,013	81,373,986	84,922,577	89,390,150	104,862,241	107,303,264	225,126,585	234,390,168	230,979,495
Liabilities & Equity									
Current Liabilities	13,543,434	11,975,126	11,460,191	11,525,770	11,533,297	11,497,920	16,415,015	15,894,090	15,928,517
Long Term Liabilities	36,209,872	35,385,901	32,406,312	31,138,851	39,874,763	38,657,252	121,455,692	119,668,804	114,055,497
Total Liabilities	49,753,306	47,361,027	43,866,503	42,664,621	51,408,060	50,155,172	137,870,707	135,562,895	129,984,013
Net Assets	31,657,707	34,012,959	41,056,074	46,725,529	53,454,181	57,148,092	87,255,878	98,827,273	100,995,482
Cash Flow									
Revenues	19,011,221	20,819,789	24,840,077	27,246,709	29,302,856	30,251,869	31,062,960	31,898,384	32,758,871
Operating Expenses	16,899,124	17,731,816	18,289,273	18,948,398	19,610,927	20,198,685	20,804,076	21,914,828	22,866,087
Other Income	116,080	320,259	226,332	226,332	226,332	226,332	226,332	226,332	226,332
Cash Flow Before Debt Service	2,228,177	3,408,232	6,777,136	8,524,643	9,918,261	10,279,516	10,485,216	10,209,888	10,119,116
Debt Service									
Existing Debt Service	2,332,748	2,317,706	1,798,420	1,548,467	1,877,228	1,947,676	1,869,279	5,160,888	7,623,671
Proposed KIA Loan	0	0	0	0	0	0	0	0	0
Total Debt Service	2,332,748	2,317,706	1,798,420	1,548,467	1,877,228	1,947,676	1,869,279	5,160,888	7,623,671
Cash Flow After Debt Service	(104,571)	1,090,526	4,978,716	6,976,177	8,041,033	8,331,840	8,615,938	5,049,000	2,495,445
Ratios									
Current Ratio	0.4	0.5	0.7	0.8	1.0	1.1	0.9	1.0	1.1
Debt to Equity	1.6	1.4	1.1	0.9	1.0	0.9	1.6	1.4	1.3
Days Sales in Accounts Receivable	50.1	57.0	62.9	62.9	62.9	62.9	62.9	62.9	62.9
Months Operating Expenses in Unrestricted Cash	0.6	0.3	1.1	2.0	2.9	3.8	4.7	5.0	5.1
Debt Coverage Ratio	1.0	1.5	3.8	5.5	5.3	5.3	5.6	2.0	1.3

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 October 15, 2026 22CWS191 SX21197010	
GRANTEE			STANTON, CITY OF POWELL COUNTY			
BRIEF DESCRIPTION The project will address the severe infiltration and inflow problem the City of Stanton is experiencing. The City has done some work to alleviate the problem but there is so much to be done. An SSES was performed several years ago. It is proposed to update the study and then proceed to eliminate the worst areas as identified, through whatever manner of sewer rehabilitation would be appropriate. The City is a member of the Red River Wastewater Authority. Unlike a City-owned wastewater treatment plant, the City is billed for all flow, including I/O during wet weather. This places a huge burden on the City to pay widely fluctuating bills. Needless to say it is also places an unnecessary burden on the newly renovated Red River Wastewater Treatment Plant, robbing it of excess capacity. Finally, the elimination of overflows would greatly enhance the environment in the Stanton area. The City of Stanton has 1,148 sewer customers at this time. They will directly benefit from this project. It must be pointed out that they surrounding area would also benefit from the elimination and/or reduction of sewage overflows.						
PROJECT FINANCING			PROJECT BUDGET		RD Fee %	Actual %
CWP - Sewer Grant - 22CWS191	\$23,086		Administrative Expenses			\$50,000
ARC	1,312,500		Legal Expenses			5,000
HB 267 Tobacco Grant	67,333		Eng - Design / Const	8.8%	8.6%	112,000
HB 608 Non-Coal Grant	130,462		Eng - Insp	5.5%	4.8%	62,500
			Eng - Other			5,000
			Construction			1,200,881
			Contingency			98,000
TOTAL	\$1,533,381		TOTAL			\$1,533,381
PROFESSIONAL SERVICES	Engineer	Nesbitt Engineering, Inc.				
PROJECT SCHEDULE	Bid Opening	May 1, 2026				
	Construction Start	July 1, 2026				
	Construction Stop	November 1, 2026				
RESIDENTIAL RATES		<u>Users</u>		<u>Avg. Bill</u>		
	Current	0	\$	20.40	(for 4,000 gallons)	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.					
Allocation Source	Allocated County	Allocated Amount				
County Allocation Pool	Powell County	\$ 23,086.00				
	Total	\$ 23,086.00				
Notes:						
This grant is a reallocation of funds from a previously approved grant. Previous Grantee: City of Stanton Previous Grant #22CWS133 Previous Project: Stanton N Bend Road Sewer Extension Previous WRIS #SX21197022 Prior Approval Date: March 29, 2023						

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 October 15, 2026 22CWW401 WX21035008
GRANTEE		MURRAY, CITY OF CALLOWAY COUNTY	
BRIEF DESCRIPTION * South 10th, from Vine to the dead end (4 Inch) water line replacement. * South 11th, from Sycamore to Pogue (6 inch) water line replacement. * 7th from Olive to Main (6 inch) water line replacement. * 13th from Main to Poplar (6 inch) water line replacement. * Story from 8th to the dead end (6 inch) water line replacement. * Raw water well# 1, Lowered and grouted at the Water Treatment Plant. * Water GEMS software for the Water Treatment Plant. * GRW Model to update our water master plan for the water distribution system. * If any cleaner water grant funds remain, the City of Murray would like to purchase a hydro excavation vac truck. * Water Treatment Plant Chlorine Generator System and Lab Equipment.			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 22CWW401	\$641,600	Construction	\$672,816
CWP 22CWW401 Supplemental Increase	576,367	Equipment	545,151
TOTAL	\$1,217,967	TOTAL	\$1,217,967
PROFESSIONAL SERVICES	Engineer	STV Incorporated	
PROJECT SCHEDULE	Bid Opening	June 18, 2026	
	Construction Start	July 1, 2026	
	Construction Stop	October 30, 2026	
RESIDENTIAL RATES	Current	<u>Users</u> 10,079	<u>Avg. Bill</u> \$ 23.08 (for 4,000 gallons)
	Additional	4	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Calloway County	\$ 641,600.00	May 21, 2026
County Allocation Pool	Reallocation	\$ 576,367.39	Pending Approval October 15, 2026
Total		\$ 1,217,967.39	
Notes:			
This grant is being allocated additional funds through the reallocation of remaining funds from two (2) previously approved grants. Previous Grantee: City of Murray Previous Grant #22CWW390 - \$361,095.02 Previous Project: 641 N. Water Tank Supply Line Test Previous WRIS #WX21035049 Prior Approval Date: June 24, 2025 Previous Grantee: City of Murray Previous Grant #22CWW402 - \$215,272.37 Previous Project: City of Murray - Post Oak Drive Loop Previous WRIS #WX21035007 Prior Approval Date: May 21, 2026			

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY ARPA STATE FISCAL RECOVERY FUND HB1 2022 RS LINE ITEM - FEDERAL		Reviewer CPBOC Date KIA Grant Number WRIS Number		Julie Bickers October 15, 2026 22KFW016 WX21197024	
GRANTEE		POWELL'S VALLEY WATER DISTRICT POWELL COUNTY			
BRIEF DESCRIPTION					
This project will install leak detection meters on existing mains at strategic locations to isolate the areas with major water loss.					
PROJECT FINANCING		PROJECT BUDGET			
HB1 ARPA SFRF Line Item - Water Grant - 22KFW016	\$50,000	Administrative Expenses	RD Fee %	Actual %	\$2,000
Cleaner Water Grant 22CWW280	148,086	Eng - Design / Const	13.6%	7.6%	12,930
		Eng - Insp	12.4%	8.3%	14,020
		Construction			158,131
		Contingency			11,005
TOTAL	\$198,086	TOTAL			\$198,086
PROFESSIONAL SERVICES		Engineer	MSE of Kentucky, Inc.		
PROJECT SCHEDULE		Bid Opening	TBD		
		Construction Start	TBD		
		Construction Stop	TBD		
RESIDENTIAL RATES		Current	Users	Avg. Bill	
			2,537	\$ 46.43	(for 4,000 gallons)
REGIONAL COORDINATION		This project is consistent with regional planning recommendations.			
Allocation Source	County	Allocated Amount			
HB 1 - 2022 RS Line Item	Powell	\$ 50,000.00			
	Total	\$ 50,000.00			
Notes:					
This grant is a reallocation of remaining funds from a previously approved grant. Previous Grantee: Powell's Valley Water District Previous Grant #22KFW008 Previous Project: 2020 Water Expansion and Improvements Project Previous WRIS #WX21197021 Prior Approval Date: January 24, 2023					

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM HB1 2024 RS LINE ITEM - STATE				Reviewer CPBOC Date KIA Grant Number WRIS Number		Julie Bickers October 15, 2026 24KGS229 SX21125018	
GRANTEE		CORBIN CITY UTILITIES COMMISSION LAUREL COUNTY					
BRIEF DESCRIPTION							
Sanitary sewer line extension along US25W from KY1223 (Springcut Road) towards US25E consisting of approximately 2,550 feet of 8-inch gravity sewer main.							
PROJECT FINANCING				PROJECT BUDGET		RD Fee %	Actual %
2024 HB1 Line Item - Water Grant - Grant - 24KGS229		\$519,439	Administrative Expenses				\$15,000
Line Item 24KGS229 Supplemental Increase		573,682	Eng - Design / Const		10.6%	4.2%	41,938
			Eng - Insp		7.8%	3.1%	31,356
			Construction				965,632
			Contingency				39,195
TOTAL		\$1,093,121	TOTAL				\$1,093,121
PROFESSIONAL SERVICES		Engineer	TBD				
PROJECT SCHEDULE		Bid Opening	TBD				
		Construction Start	TBD				
		Construction Stop	TBD				
RESIDENTIAL RATES		Current	Users 4,688	\$	Avg. Bill 27.15	(for 4,000 gallons)	
REGIONAL COORDINATION							
This project is consistent with regional planning recommendations.							
Allocation Source		Appropriation Amount	Project Amount				
HB 1 - 2024 RS Line Item		\$ 1,093,121	\$ 1,093,121				
		Total	\$	1,093,121			
Notes:							
The Corbin Utilities Commission received a \$3,500,000 Line Item appropriation and allocated \$2,980,561 to SX21125113 and allocated \$519,439 to SX21125018. The Corbin Utilities Commission is reallocating \$573,682 from SX21125113 to SX21125018. Previous CPBOC Date: November 19, 2024							

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM HB900 2026 RS LINE ITEM - STATE		Reviewer CPBOC Date KIA Grant Number WRIS Number		Julie Bickers October 15, 2026 26KGS001 SX21145020	
GRANTEE		PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY MCCRACKEN COUNTY			
BRIEF DESCRIPTION Project consists of the replacement of the Paducah WWTP Dewatering Building, including the gravity belt thickener and belt filter press. The project also removes the "Dystor" cover from the secondary digester and replaces it with a fixed cover. There is also water loop, boiler, electrical and sludge piping modifications. New screw presses, new disk thickener, and new conveyance system to City of Paducah Compost, as well as to vehicles for transport to landfills will be constructed. Old motors related to the presses will be replaced with new energy efficient motors powered by variable frequency drives."					
PROJECT FINANCING		PROJECT BUDGET			
2026 HB900 Line Item - Sewer - Grant - 26KGS001 Other Funding		RD Fee % Actual % Administrative Expenses Legal Expenses Eng - Design / Const Eng - Insp Eng - Other Construction Contingency			
\$3,225,000 9,000,000		\$5,000 5,000 500,000 200,000 15,000 10,000,000 1,500,000			
TOTAL		TOTAL			
		\$12,225,000 \$12,225,000			
PROFESSIONAL SERVICES	Engineer	J. R. Wauford & Company			
PROJECT SCHEDULE	Bid Opening Construction Start Construction Stop	August 30, 2026 October 30, 2026 October 30, 2028			
RESIDENTIAL RATES	Current	<u>Users</u> 15,772	\$	<u>Avg. Bill</u> 27.92	(for 4,000 gallons)
REGIONAL COORDINATION					
This project is consistent with regional planning recommendations.					
Allocation Source	Appropriation Amount	Project Amount			
HB 900 - 2026 RS Line Item	\$ 3,225,000	\$ 12,225,000			
	Total	\$ 12,225,000			
Notes:					

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM HB900 2026 RS LINE ITEM - STATE		Reviewer CPBOC Date KIA Grant Number WRIS Number		Julie Bickers October 15, 2026 26KGS002 SX21217018	
GRANTEE		CAMPBELLVILLE, CITY OF TAYLOR COUNTY			
BRIEF DESCRIPTION This project will provide much needed improvements for Campbellsville's Waste Water Treatment Plant. Improvements include replacing mechanical equipment of final clarifiers, replacing four aerators on oxidation ditches and adding VFD/smart control, replacing four brush aerators for oxidation ditch #1/EQ, repairing concrete basin leaks on oxidation ditch #1 wall and splitter box #1 wall, and replacing influent mechanical bar screens and panel. This project will not modify the treatment process and will not modify the treatment capacity of the plant. Work will be performed on previously disturbed areas all of which are on the existing WWTP property. No new structures will be excavated.					
PROJECT FINANCING 2026 HB900 Line Item - Sewer - Grant - 26KGS002		PROJECT BUDGET		RD Fee % Actual %	
\$6,313,000		Administrative Expenses Planning Eng - Design / Const Eng - Insp Construction Contingency		\$10,000 5,000 348,000 230,000 5,200,000 520,000	
TOTAL		TOTAL		\$6,313,000 \$6,313,000	
PROFESSIONAL SERVICES	Engineer	TBD			
PROJECT SCHEDULE	Bid Opening Construction Start Construction Stop	TBD TBD TBD			
RESIDENTIAL RATES	Current	<u>Users</u> 5,883	\$	<u>Avg. Bill</u> 33.69	(for 4,000 gallons)
REGIONAL COORDINATION		This project is consistent with regional planning recommendations.			
Allocation Source	Appropriation Amount	Project Amount			
HB 900 - 2026 RS Line Item	\$ 6,313,000	\$ 6,313,000			
	Total	\$ 6,313,000			
Notes:					

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM HB900 2026 RS LINE ITEM - STATE		Reviewer CPBOC Date KIA Grant Number WRIS Number		Julie Bickers October 15, 2026 26KGS003 SX21147022	
GRANTEE		MCCREARY COUNTY WATER DISTRICT MCCREARY COUNTY			
BRIEF DESCRIPTION This project will consist of extending approximately 16 miles of 6-inch PVC force main from the Cumberland Falls State Park to a connection point north of Whitley City in McCreary County. The existing 8-inch WWTP influent gravity sewer will be intercepted and conveyed to the first of 13 proposed sanitary sewer pump stations along the route. Each pump station will be designed to pump 200 GPM which is greater than the peak hydraulic capacity of approximately 140 GPM currently received at the WWTP. This flowrate will provide a velocity of 2.5 feet per second in the 6-inch force mains per KY Division of Water requirements. The section of force main that would be constructed through the Park property would be designed to minimize environmental disturbance. The existing pump station near the visitor's center will remain in service but will be modified to pump 200 GPM out of the Park, across the Cumberland River and into McCreary County. This project will allow sewer access to 100+ existing homes along the KY 1045 route in a future project as well as properties near CFSP.					
PROJECT FINANCING		PROJECT BUDGET RD Fee % Actual %			
2026 HB900 Line Item - Sewer - Grant -					
26KGS003	\$2,000,000	Administrative Expenses		\$75,000	
Dept. of Parks	5,000,000	Land, Easements		20,000	
AML	2,000,000	Eng - Design / Const	0.0%	6.1%	975,000
Other Funding	8,470,460	Eng - Insp	0.0%	2.9%	465,000
		Construction			15,170,460
		Contingency			765,000
TOTAL	<u>\$17,470,460</u>	TOTAL			<u>\$17,470,460</u>
PROFESSIONAL SERVICES	Engineer	Eclipse Engineers, PLLC			
PROJECT SCHEDULE	Bid Opening	TBD			
	Construction Start	TBD			
	Construction Stop	TBD			
RESIDENTIAL RATES	Current	<u>Users</u>		<u>Avg. Bill</u>	
		1,219	\$	50.99	(for 4,000 gallons)
REGIONAL COORDINATION		This project is consistent with regional planning recommendations.			
Allocation Source	Appropriation Amount	Project Amount			
HB 900 - 2026 RS Line Item	\$ 2,000,000	\$ 17,470,460			
	Total	\$ 17,470,460			
Notes:					

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM HB900 2026 RS LINE ITEM - STATE		Reviewer CPBOC Date KIA Grant Number WRIS Number		Julie Bickers October 15, 2026 26KGS004 SX21007021																																													
GRANTEE		KEVIL, CITY OF BALLARD COUNTY																																															
BRIEF DESCRIPTION Treatment Facility: The City of Kevil's Wastewater Treatment Facility has surpassed its design life and the design capacity of the plant is exceeded on a regular basis. No major upgrades have been made in the past 30 years and the KPDES permit limits have been exceeded on several occasions. The City is under an Agreed Order (Case No. DOW-20-3-0027) to bring the system into compliance with a deadline of August 2027. The City is also under a Tap-On Ban. Collection System: As with many older systems I/I is a concern. The system has undergone a partial lining project and this project will study the remaining parts of the system to reduce overall flows to the wastewater treatment plant. Lift Stations: Rehabilitation of 3 lift stations located in Whispering Oaks Subdivision, the Industrial Park and Old U.S. Hwy 60. These stations were constructed in the 80's and 90's and are require new piping, pumps, controls, etc.																																																	
PROJECT FINANCING 2026 HB900 Line Item - Sewer - Grant - 26KGS004		<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">PROJECT BUDGET</th> <th style="text-align: right;">RD Fee %</th> <th style="text-align: right;">Actual %</th> <th></th> </tr> <tr> <td>Administrative Expenses</td> <td></td> <td></td> <td style="text-align: right;">\$270,000</td> </tr> <tr> <td>Legal Expenses</td> <td></td> <td></td> <td style="text-align: right;">20,000</td> </tr> <tr> <td>Planning</td> <td></td> <td></td> <td style="text-align: right;">20,000</td> </tr> <tr> <td>Eng - Design / Const</td> <td style="text-align: right;">6.8%</td> <td style="text-align: right;">5.7%</td> <td style="text-align: right;">263,400</td> </tr> <tr> <td>Eng - Insp</td> <td style="text-align: right;">3.6%</td> <td style="text-align: right;">3.1%</td> <td style="text-align: right;">142,300</td> </tr> <tr> <td>Eng - Other</td> <td></td> <td></td> <td style="text-align: right;">83,900</td> </tr> <tr> <td>Construction</td> <td></td> <td></td> <td style="text-align: right;">3,778,300</td> </tr> <tr> <td>Contingency</td> <td></td> <td></td> <td style="text-align: right;">811,600</td> </tr> <tr> <td>Other</td> <td></td> <td></td> <td style="text-align: right;">10,500</td> </tr> <tr> <td>TOTAL</td> <td></td> <td></td> <td style="text-align: right;">\$5,400,000</td> </tr> </table>				PROJECT BUDGET	RD Fee %	Actual %		Administrative Expenses			\$270,000	Legal Expenses			20,000	Planning			20,000	Eng - Design / Const	6.8%	5.7%	263,400	Eng - Insp	3.6%	3.1%	142,300	Eng - Other			83,900	Construction			3,778,300	Contingency			811,600	Other			10,500	TOTAL			\$5,400,000
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PROFESSIONAL SERVICES	Engineer	TBD																																															
PROJECT SCHEDULE	Bid Opening	TBD																																															
	Construction Start	TBD																																															
	Construction Stop	TBD																																															
RESIDENTIAL RATES	Current	<u>Users</u> 321	\$	<u>Avg. Bill</u> 57.33	(for 4,000 gallons)																																												
	Additional	95																																															
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.																																																
Allocation Source	Appropriation Amount	Project Amount																																															
HB 900 - 2026 RS Line Item	\$ 5,400,000	\$ 5,400,000																																															
	Total	\$ 5,400,000																																															
Notes:																																																	

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM HB900 2026 RS LINE ITEM - STATE		Reviewer CPBOC Date KIA Grant Number WRIS Number		Julie Bickers October 15, 2026 26KGS007 SX21039021	
GRANTEE		CARLISLE COUNTY SANITATION DISTRICT #1 CARLISLE COUNTY			
BRIEF DESCRIPTION The Carlisle County Sanitation District operates a regional wastewater treatment plant that designed to treat 250k GPD. It serves a regional residential population of approximately 2500, from the City of Arlington, the City of Bardwell, and the Carlisle County School District. Although the system does not have inflow & infiltration, the city sewer systems that feed the District experience significant I&I during heavy rainfall events. During these times, the flow to the WWTP increases significantly, at times exceeding the plant's design by 4x. This project will modernize the treatment process using an oxidation ditch, construct two new secondary clarifies, and add grit removal facilities to protect and improve treatment performance. Additional improvements will include upgrades to the mechanical systems, electrical and control systems, and supporting site and structural components needed for safe and efficient operation.					
PROJECT FINANCING		PROJECT BUDGET			
2026 HB900 Line Item - Sewer - Grant - 26KGS007 Other Funding		\$5,452,400 20	Eng - Design / Const Eng - Insp Eng - Other Construction Contingency	RD Fee % 6.8% 3.6%	Actual % 11.4% 3.9%
TOTAL		\$5,452,420	TOTAL	\$5,452,420	
PROFESSIONAL SERVICES	Engineer	Bacon Farmer Workman Engineering & Testing, Inc.			
PROJECT SCHEDULE	Bid Opening Construction Start Construction Stop	TBD TBD TBD			
RESIDENTIAL RATES	Current	<u>Users</u> 0	\$	<u>Avg. Bill</u> -	(for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.				
Allocation Source	Appropriation Amount	Project Amount			
HB 900 - 2026 RS Line Item	\$ 5,452,400	\$ 5,452,420			
	Total	\$ 5,452,420			
Notes:					

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM HB900 2026 RS LINE ITEM - STATE		Reviewer CPBOC Date KIA Grant Number WRIS Number		Julie Bickers October 15, 2026 26KGS008 SX21105008	
GRANTEE		CLINTON, CITY OF HICKMAN COUNTY			
BRIEF DESCRIPTION The City of Clinton owns and operates a separate sanitary sewer system that includes approximately 56,300 feet of sanitary sewer, one (1) lift station, and a wastewater treatment plant (WWTP). The WWTP is a four-stage lagoon plant with a total operating gallonage of approximately 76 million gallons. The City is currently under an agreed order to address deficiencies in the wastewater system associated with several notices of violation that they have received. This project would include improvements at the WWTP and within the collection system. The WWTP improvements would include: dredging the existing lagoons, improvements to the effluent pump station pump controls and electrical components, modifications to the existing aeration system, relocation and replacement of the existing influent and effluent samplers, upgrading WWTP site security fence, build structures to protect electrical components from the elements, replacement of pumps and motors, installation of check valves, and miscellaneous clearing and grubbing. The collection system improvements would include installing a new screen at a lift station.					
PROJECT FINANCING		PROJECT BUDGET			
2026 HB900 Line Item - Sewer - Grant - 26KGS008		RD Fee % Actual %			
\$4,118,000		Administrative Expenses \$50,000			
		Eng - Design / Const 7.4% 18.4% 475,000			
		Eng - Insp 4.3% 24.5% 630,000			
		Eng - Other 248,000			
		Construction 2,575,000			
		Other 140,000			
TOTAL \$4,118,000		TOTAL \$4,118,000			
PROFESSIONAL SERVICES	Engineer	Commonwealth Engineers, Inc.			
PROJECT SCHEDULE	Bid Opening	TBD			
	Construction Start	TBD			
	Construction Stop	TBD			
RESIDENTIAL RATES	Current	Users		Avg. Bill	
		612	\$	37.50	(for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.				
Allocation Source	Appropriation Amount	Project Amount			
HB 900 - 2026 RS Line Item	\$ 4,118,000	\$ 4,118,000			
	Total	\$ 4,118,000			
Notes:					

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM HB900 2026 RS LINE ITEM - STATE		Reviewer CPBOC Date KIA Grant Number WRIS Number	Julie Bickers October 15, 2026 26KGS010 SX21219011
GRANTEE	TRENTON, CITY OF TODD COUNTY		
BRIEF DESCRIPTION This project will replace, in its entirety, the existing 62-year-old WWTP plant that has served the City of Trenton and is now well beyond its expected life-cycle. Prior to making this decision, the City of Trenton has explored options of regionalization (2023) and potential rehabilitation (2018), but determined that both of these were not what would position the city for growth that is expected in the near term, nor providing for the most rate-stable option to the customers due to the I&I issues in recent years which would result in exceedingly high treatment cost from another entity. The existing plant is currently rated at .125 MGD and though no additional capacity would be anticipated at this time, the ability to double the capacity in years to come will be planned for during initial design and construction. Additionally, the existing plant offers no redundancy in treatment that newer federal and state regulations require, making any repairs to the treatment plant exceedingly difficult to complete without the need of bypass or only partial treatment, and resulting in increased events of non-compliance. Proposed in this project are the following. - Collection system repairs and rehab. - Purchase of additional land to meet new buffer requirements. - New influent pumping station, including energy efficient pumps and motors and VFD controllers. - Repurposing of the current concentric tankage to allow for use as a surge basin during high-flow events. - Addition of headworks and screening process. - Two (2) new concrete concentric treatment basins (aeration and clarifier). - New pneumatic blowers and associated piping. - Addition of effluent filtration to meet tightening treatment regulations. - Combination UV/PAA disinfection and post-aeration basin. - Outfall renovation. - New sludge holding and disposal equipment. - New administration/SCADA/electrical/lighting/chemical storage and shop building. - Demolition of unused existing plant components. - Effluent pipeline to outfall and yard piping replacement, approximately 8200 LF interceptor line			
PROJECT FINANCING 2026 HB900 Line Item - Sewer - Grant - 26KGS010		PROJECT BUDGET	
\$8,000,000		RD Fee % Actual % Administrative Expenses \$60,000 Legal Expenses 40,000 Land, Easements 125,000 Planning 300,000 Eng - Design / Const 6.6% 9.6% 615,000 Eng - Insp 3.3% 5.5% 350,000 Eng - Other 105,000 Construction 5,800,000 Contingency 580,000 Other 25,000 TOTAL \$8,000,000	
PROFESSIONAL SERVICES	Engineer	McGhee Engineering, Inc.	
PROJECT SCHEDULE	Bid Opening Construction Start Construction Stop	September 1, 2027 October 1, 2027 June 30, 2028	
RESIDENTIAL RATES	Current	<u>Users</u> 185	<u>Avg. Bill</u> \$ 52.67 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Appropriation Amount	Project Amount	
HB 900 - 2026 RS Line Item	\$ 8,000,000	\$ 8,000,000	
	Total	\$ 8,000,000	
Notes:			

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM HB900 2026 RS LINE ITEM - STATE		Reviewer CPBOC Date KIA Grant Number WRIS Number	Julie Bickers October 15, 2026 26KGS011 SX21177035																																
GRANTEE CITY OF GREENVILLE MUHLENBERG COUNTY																																			
BRIEF DESCRIPTION The City of Greenville operates a 1.31 MGD Wastewater Treatment Plant (WWTP) with a collection system consisting of fourteen (14) lift stations and approximately 319,000 linear feet of 2-inch to 18-inch sanitary sewer piping. The WWTP is in need of upgrade and repairs. The city is pursuing construction of a new 2.45 MGD WWTP complete with new headworks with influent screening, modifications to existing aeration lagoons, modifications to existing clarifiers, upgraded PAA system for disinfection, upgrade outfall lift station energy efficient pumps, and new sludge dewatering bagging system. Tertiary filters will be installed in the treatment train to allow the plant to meet the latest effluent limitations associated with total nitrogen and phosphorus. The WWTP is an extended aeration basin treatment facility consisting of one (1) mechanical cylindrical screen, two (2) aeration basins, two (2) clarifiers, a peracetic acid (PAA) contact tank, one (1) waste sludge storage lagoon, and a sludge dewatering belt press. The original WWTP was constructed in 1987, with two major rehabilitation / upgrade projects occurring in 2001 and 2012. A majority of the WWTP equipment is 20+ years old and in need of replacement. The WWTP components do not have the adequate capacity for existing or proposed flows. Wet weather flow events cause the WWTP to exceed system capacity, which leads to sanitary sewer overflows (SSOs) at the WWTP and potentially within the upstream sanitary sewer system. These SSOs allow untreated wastewater to leak into the surrounding environment which poses a risk to human and environmental health. The collection system is comprised of fourteen lift stations and approximately 319,000 linear feet of 2-inch to 18-inch sanitary sewer piping. Variable Frequency Drive (VFD) controllers and I/I correction projects are included.																																			
PROJECT FINANCING 2026 HB900 Line Item - Sewer - Grant - 26KGS011 Other Funding Federal Line Item TOTAL		<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">PROJECT BUDGET</th> <th style="text-align: right;">RD Fee %</th> <th style="text-align: right;">Actual %</th> <th></th> </tr> <tr> <td>Administrative Expenses</td> <td></td> <td></td> <td style="text-align: right;">\$40,000</td> </tr> <tr> <td>Eng - Design / Const</td> <td style="text-align: right;">0.0%</td> <td style="text-align: right;">6.5%</td> <td style="text-align: right;">1,442,000</td> </tr> <tr> <td>Eng - Insp</td> <td style="text-align: right;">0.0%</td> <td style="text-align: right;">3.2%</td> <td style="text-align: right;">720,000</td> </tr> <tr> <td>Eng - Other</td> <td></td> <td></td> <td style="text-align: right;">290,000</td> </tr> <tr> <td>Construction</td> <td></td> <td></td> <td style="text-align: right;">20,290,000</td> </tr> <tr> <td>Contingency</td> <td></td> <td></td> <td style="text-align: right;">2,029,000</td> </tr> <tr> <td>TOTAL</td> <td></td> <td></td> <td style="text-align: right;">\$24,811,000</td> </tr> </table>		PROJECT BUDGET	RD Fee %	Actual %		Administrative Expenses			\$40,000	Eng - Design / Const	0.0%	6.5%	1,442,000	Eng - Insp	0.0%	3.2%	720,000	Eng - Other			290,000	Construction			20,290,000	Contingency			2,029,000	TOTAL			\$24,811,000
PROJECT BUDGET	RD Fee %	Actual %																																	
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PROFESSIONAL SERVICES		Engineer Commonwealth Engineers, Inc.																																	
PROJECT SCHEDULE		Bid Opening Construction Start Construction Stop																																	
RESIDENTIAL RATES		<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Current</th> <th style="text-align: right;"><u>Users</u></th> <th style="text-align: right;"><u>Avg. Bill</u></th> </tr> <tr> <td></td> <td style="text-align: right;">1,600</td> <td style="text-align: right;">\$ 39.01 (for 4,000 gallons)</td> </tr> </table>		Current	<u>Users</u>	<u>Avg. Bill</u>		1,600	\$ 39.01 (for 4,000 gallons)																										
Current	<u>Users</u>	<u>Avg. Bill</u>																																	
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REGIONAL COORDINATION		This project is consistent with regional planning recommendations.																																	
Allocation Source	Appropriation Amount	Project Amount																																	
HB 900 - 2026 RS Line Item	\$ 2,500,000	\$ 24,811,000																																	
	Total	\$ 24,811,000																																	
Notes:																																			

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM HB900 2026 RS LINE ITEM - STATE		Reviewer CPBOC Date KIA Grant Number WRIS Number		Julie Bickers October 15, 2026 26KGS014 SX21169019	
GRANTEE		EDMONTON, CITY OF METCALFE COUNTY			
BRIEF DESCRIPTION This project will include the construction of major upgrades at existing Wastewater Treatment Plant. The current WWTP is a aerated lagoon type that has reached the end of its useful life and lacks redundancy for all major treatment components. A new 0.45 MGD combined biological treatment unit will be constructed which combines aeration, clarification and advanced treatment in a single basin. This design will limit the overall footprint of the upgrades which is required due very limited available space at the existing facility. The additional treatment unit will allow the existing lagoon treatment unit to be removed from service so that maintenance and repairs can be made.					
PROJECT FINANCING		PROJECT BUDGET			
2026 HB900 Line Item - Sewer - Grant - 26KGS014 Other Funding		RD Fee % Actual %			
\$6,000,000		Administrative Expenses		\$6,000	
44,000		Eng - Design / Const		6.7%	6.2%
		Eng - Insp		3.4%	4.3%
		Eng - Other		25,000	
		Construction		4,950,000	
		Contingency		495,000	
TOTAL		\$6,044,000		\$6,044,000	
PROFESSIONAL SERVICES	Engineer	Monarch Engineering, Incorporated			
PROJECT SCHEDULE	Bid Opening	January 1, 2027			
	Construction Start	April 1, 2027			
	Construction Stop	April 1, 2028			
RESIDENTIAL RATES	Current	<u>Users</u>		<u>Avg. Bill</u>	
		650	\$	26.15	(for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.				
Allocation Source	Appropriation Amount	Project Amount			
HB 900 - 2026 RS Line Item	\$ 6,000,000	\$ 6,044,000			
	Total	\$ 6,044,000			
Notes:					

[illegible]

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM HB900 2026 RS LINE ITEM - STATE		Reviewer CPBOC Date KIA Grant Number WRIS Number		Julie Bickers October 15, 2026 26KGW001 WX21003038	
GRANTEE		ALLEN COUNTY WATER DISTRICT ALLEN COUNTY			
BRIEF DESCRIPTION The proposed project will strengthen the ACWD distribution system to provide additional flow and pressure within the existing Walkers Chapel Pressure Zone. The project is composed of several different items: approximately 40,000 LF of water main extensions, new control valve and pressure reducing valves. The project would provide a new water main to increase the flow capabilities of the Halfway Booster Station, provide a new larger diameter water main to transport water more directly to Walkers Chapel Tank (WX21003029) and modify pressure zone boundaries to raise the hydraulic grade line for existing customers.					
PROJECT FINANCING		PROJECT BUDGET RD Fee % Actual %			
2026 HB900 Line Item - Water -					
Grant - 26KGW001	\$4,000,000	Planning			\$3,000
Other Funding	500,000	Land, Easements			10,000
	-	Eng - Design / Const	6.9%	6.5%	264,000
		Eng - Insp	3.7%	3.5%	142,000
		Construction			3,440,000
		Contingency			641,000
TOTAL	\$4,500,000	TOTAL			\$4,500,000
PROFESSIONAL SERVICES	Engineer	Bluegrass Engineering, PLLC			
PROJECT SCHEDULE	Bid Opening	June 1, 2026			
	Construction Start	August 1, 2026			
	Construction Stop	August 1, 2027			
RESIDENTIAL RATES	Current	Users		Avg. Bill	
		6,098	\$	44.43	(for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.				
Allocation Source	Appropriation Amount	Project Amount			
HB 900 - 2026 RS Line Item	\$ 4,000,000	\$ 4,500,000			
	Total	\$ 4,500,000			
Notes:					

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM HB900 2026 RS LINE ITEM - STATE		Reviewer CPBOC Date KIA Grant Number WRIS Number		Julie Bickers October 15, 2026 26KGW002 WX21083086																																					
GRANTEE		WINGO, CITY OF GRAVES COUNTY																																							
BRIEF DESCRIPTION This project will consist of replacing asbestos cement waterlines that were originally installed in 1968. This area of the system has several breaks and can cause asbestos cement fibers to enter the drinking water. The replacement will be concentrated in a heavy residential area north of town. Along with the replacement of the water main, the City will also replace the customer meters.																																									
PROJECT FINANCING 2026 HB900 Line Item - Water - Grant - 26KGW002 Other Funding		<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">PROJECT BUDGET</th> <th style="text-align: right;">RD Fee %</th> <th style="text-align: right;">Actual %</th> <th></th> </tr> <tr> <td>Administrative Expenses</td> <td></td> <td></td> <td style="text-align: right;">\$25,575</td> </tr> <tr> <td>Land, Easements</td> <td></td> <td></td> <td style="text-align: right;">20,000</td> </tr> <tr> <td>Eng - Design / Const</td> <td style="text-align: right;">9.4%</td> <td style="text-align: right;">8.6%</td> <td style="text-align: right;">62,000</td> </tr> <tr> <td>Eng - Insp</td> <td style="text-align: right;">6.3%</td> <td style="text-align: right;">6.0%</td> <td style="text-align: right;">43,000</td> </tr> <tr> <td>Construction</td> <td></td> <td></td> <td style="text-align: right;">652,218</td> </tr> <tr> <td>Contingency</td> <td></td> <td></td> <td style="text-align: right;">65,282</td> </tr> <tr> <td>Other</td> <td></td> <td></td> <td style="text-align: right;">10,000</td> </tr> <tr> <td>TOTAL</td> <td></td> <td></td> <td style="text-align: right;">\$878,075</td> </tr> </table>				PROJECT BUDGET	RD Fee %	Actual %		Administrative Expenses			\$25,575	Land, Easements			20,000	Eng - Design / Const	9.4%	8.6%	62,000	Eng - Insp	6.3%	6.0%	43,000	Construction			652,218	Contingency			65,282	Other			10,000	TOTAL			\$878,075
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PROFESSIONAL SERVICES	Engineer	Cann-Tech, LLC																																							
PROJECT SCHEDULE	Bid Opening	TBD																																							
	Construction Start	TBD																																							
	Construction Stop	TBD																																							
RESIDENTIAL RATES		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;"></td> <td style="width: 10%; text-align: center;"><u>Users</u></td> <td style="width: 10%; text-align: center;"><u>Avg. Bill</u></td> <td style="width: 40%;"></td> </tr> <tr> <td>Current</td> <td style="text-align: center;">305</td> <td style="text-align: center;">\$ 27.40</td> <td style="text-align: center;">(for 4,000 gallons)</td> </tr> </table>					<u>Users</u>	<u>Avg. Bill</u>		Current	305	\$ 27.40	(for 4,000 gallons)																												
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REGIONAL COORDINATION		This project is consistent with regional planning recommendations.																																							
Allocation Source	Appropriation Amount	Project Amount																																							
HB 900 - 2026 RS Line Item	\$ 852,000	\$ 878,075																																							
	Total	\$ 878,075																																							
Notes:																																									

EXECUTIVE SUMMARY				Reviewer		Julie Bickers	
KENTUCKY INFRASTRUCTURE AUTHORITY				CPBOC Date		October 15, 2026	
DRINKING WATER AND WASTEWATER GRANT PROGRAM				KIA Grant Number		26KGW003	
HB900 2026 RS LINE ITEM - STATE				WRIS Number		WX21053029	
GRANTEE		ALBANY, CITY OF CLINTON COUNTY					
BRIEF DESCRIPTION							
Project consists of demolition of Water Treatment Plant A (WTP-A), rehabilitation of Water Treatment Plant B (WTP-B), and expansion of WTP-B to 6 MGD. Design shall include provisions for future capacity improvements for a future capacity of up to 10MGD (Design only - not constructed). This design for future capacity is inconsequential in planning/design cost but will prove cost effective when future capacity is needed. Addition of Sludge Handling Equipment to process sludge from WTP-B at 6 MGD. Project will involve the construction of new structures to accommodate new gravity filters, new flocculator/sedimentation basins, a new chemical storage area to service, and sludge drying beds and equipment to handle sludge from both the expanded WTP B. Existing Backwash pumps from plant B will be used for backwash of expanded WTP-B. An energy efficiency study shall be performed on the existing WTP-B. All motors of 5HP or larger will be installed with Variable Frequency Drives (VFD's) as motor controllers to provide better process control and energy efficiency when possible. Motors will be ran at the optimum efficiency point on their curve when feasible and do not conflict with process limitations. Raw Water Pumps and High Service Pumps will be provided with VFD's. Backup power will be provided via diesel generators with Automatic Transfer Switches for the operation of the Water Treatment Plant at capacity. WaterSense labeled products will be used wherever applicable inclusive of lab faucets, restroom faucets, restroom toilets, and urinals. New structures shall be construction to US Building Council LEED certified buildings requirements. An Asset Management Plan will be developed as part of this project. A study will be performed to evaluate the impact of these improvements on the raw water intake facilities, the existing Water Treatment Plant facilities that are to remain, and the distribution system. The existing hydraulic model will be updated to further gauge impact on the distribution system. The results will impact the System Design for this project and future improvements on the system as a whole. The project includes security fencing and an automatic gate, security cameras, and SCADA security. The project includes improvements to the existing raw water supply inclusive of upsizing pumping to increase capacity. The project consists of replacement of WTP-B failed turbidimeters, rehabilitation of one raw water pump, rehabilitation of the gravity filters at WTP-B. WTP-B will also have roof repairs completed, piping rehabilitated to prevent corrosion, chemical storage and injection improvements, and HVAC improvements. Portions of the raw water intake lines shall be replaced to reduce leakage. 100' of lines shall be replaced with lead concerns. 1000' of distribution lines shall be replaced to address known problem Permeable pavement can be used in the design of the WTP. A cistern may also be added for rainwater collection and watering of landscaping.							
PROJECT FINANCING				PROJECT BUDGET		RD Fee % Actual %	
2026 HB900 Line Item - Water - Grant - 26KGW003		\$17,000,000	Administrative Expenses		\$200,000		
KRWA Loan		2,500,000	Legal Expenses		50,000		
Federal Line Item		7,334,000	Planning		100,000		
Other Funding		18,093,400	Eng - Design / Const		0.0%	8.1%	3,284,000
			Eng - Insp		0.0%	1.2%	480,000
			Eng - Other		120,000		
			Construction		36,943,400		
			Contingency		3,600,000		
			Other		150,000		
TOTAL		\$44,927,400	TOTAL		\$44,927,400		
PROFESSIONAL SERVICES		Engineer	Commonwealth Engineers, Inc.				
PROJECT SCHEDULE		Bid Opening	TBD				
		Construction Start	TBD				
		Construction Stop	TBD				
RESIDENTIAL RATES		Current	Users		Avg. Bill		
			4,765	\$	27.00	(for 4,000 gallons)	
REGIONAL COORDINATION							
This project is consistent with regional planning recommendations.							
Allocation Source		Appropriation Amount	Project Amount				
HB 900 - 2026 RS Line Item		\$ 17,000,000	\$ 44,927,400				
		Total	\$ 44,927,400				
Notes:							

EXECUTIVE SUMMARY		Reviewer		Julie Bickers	
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date		October 15, 2026	
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number		26KGW004	
HB900 2026 RS LINE ITEM - STATE		WRIS Number		WX21059112	
GRANTEE		OWENSBORO MUNICIPAL UTILITIES DAVISS COUNTY			
BRIEF DESCRIPTION The objective of this project is to replace our approximate 26,000 water meters with an Advanced Metering Infrastructure (AMI) water solution.					
PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
2026 HB900 Line Item - Water - Grant - 26KGW004		\$2,000,000	Equipment		\$5,000,000
Other Funding		3,000,000			
TOTAL		\$5,000,000	TOTAL		\$5,000,000
PROFESSIONAL SERVICES	Engineer		In-House		
PROJECT SCHEDULE	Bid Opening		TBD		
	Construction Start		TBD		
	Construction Stop		TBD		
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>		
	Current	63,947	\$	24.64 (for 4,000 gallons)	
REGIONAL COORDINATION This project is consistent with regional planning recommendations.					
Allocation Source	Appropriation Amount	Project Amount			
HB 900 - 2026 RS Line Item	\$ 2,000,000	\$ 5,000,000			
Total		\$ 5,000,000			
Notes:					

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM HB900 2026 RS LINE ITEM - STATE		Reviewer CPBOC Date KIA Grant Number WRIS Number		Julie Bickers October 15, 2026 26KGW005 WX21059079	
GRANTEE		DAVIESS COUNTY WATER DISTRICT DAVIESS COUNTY			
BRIEF DESCRIPTION					
This project will replace approximately 8,000 LF of 8" PVC with 12" PVC from the Daniels Lane Pump Station to Hayden Road. The water line is crucial for the long term growth and need for water in the Highway 54 Corridor, Gate Way Commons, and the rapid growth of sub-divisions and businesses in this area. This water line will also provide a viable source to back feed Owensboro Health in the future allowing for more risk management.					
PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
2026 HB900 Line Item - Water -					
Grant - 26KGW005	\$1,546,000	Administrative Expenses			\$20,000
EPA	640,000	Eng - Design / Const	9.4%	2.4%	55,000
Local	160,000	Construction			2,271,000
TOTAL	<u>\$2,346,000</u>	TOTAL			<u>\$2,346,000</u>
PROFESSIONAL SERVICES	Engineer	Bluegrass Engineering, PLLC			
PROJECT SCHEDULE	Bid Opening	TBD			
	Construction Start	TBD			
	Construction Stop	TBD			
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>		
	Current	14,011	\$ 30.04	(for 4,000 gallons)	
REGIONAL COORDINATION					
This project is consistent with regional planning recommendations.					
Allocation Source	Appropriation Amount	Project Amount			
HB 900 - 2026 RS Line Item	\$ 1,546,000	\$ 2,346,000			
	Total	\$ 2,346,000			
Notes:					

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM HB900 2026 RS LINE ITEM - STATE		Reviewer CPBOC Date KIA Grant Number WRIS Number	Julie Bickers October 15, 2026 26KGW010 WX21055023
GRANTEE		CRITTENDEN-LIVINGSTON COUNTY WATER DISTRICT CRITTENDEN COUNTY	
BRIEF DESCRIPTION Phase III provides approximately 85,500 LF of 16-inch ductile iron water line from CLWD's water treatment plant to the City of Marion to replace the existing 8-inch PVC waterline. This would be 16-inch out of WTP to Salem then turn East at Highway 60, then 16-inch to Country Club Lane (turns right off Highway 60) across from the Hospital. At this point it would connect to the district's existing 12-inch that serves tanks near Marion the existing U.S. Highway 60 line would be converted to a distribution line only. The completion of this phase will allow the decommissioning of the Marion Water Treatment Plant, eliminating a PFAS impacted system. The project also includes approximately 2,125 LF of 16-inch diameter transmission line crossing of the Cumberland River to supplement the existing 8-inch diameter line to provide adequate service to southern Livingston County. Also rehab pump station at Treatment Plant. Trenchless or low impact construction technology will be used where applicable. While the primary purpose of the Phase III transmission and distribution upgrades is to address capacity issues and provide drinking water security to Marion, Phase III will positively impact disinfection byproducts (DBPs) like THMs and HAAs by reducing water age and addressing aging infrastructure. The new transmission main serving Marion and Northeast Crittenden County will replace a ~50-year-old line, eliminating excessive residence times, stagnation, and corrosion/biofilm issues common in old pipes that amplify DBP formation through prolonged chlorine-NOM reactions and pipe wall effects. Upgrades including larger mains and better hydraulics will further lower average and maximum water age, promote turnover, and minimize dead zones. Adding Marion as a fully supported wholesale customer will significantly increase turnover from that seen in the current line and the CLWD tank supporting service to Marion. Although it would not be supported by this SRF loan, CLWD's Phase II expansion includes a UV and Granular Carbon treatment process that will significantly reduce DBP precursor concentrations prior to chlorination and reduce the amount of chlorine added as chlorine becomes secondary disinfection. Phase III preserves Phase II's cleaner output, and further supports compliance with Stage 2 DBP Rule limits, providing a regional public health benefit. Retiring the Marion water plant will eliminate a treatment process that utilizes chlorine as its primary disinfectant.			
PROJECT FINANCING		PROJECT BUDGET RD Fee % Actual %	
2026 HB900 Line Item - Water - Grant - 26KGW010	\$10,000,000	Administrative Expenses	\$145,000
2024 HB 1 Line Item Water 24KGW405	4,575,000	Legal Expenses	195,000
SRF Loan F26-012	19,437,310	Land, Easements	280,000
SRF Loan F27-004E	6,417,690	Eng - Design / Const	0.0% 11.1% 3,803,000
		Eng - Insp	0.0% 4.2% 1,430,000
		Eng - Other	168,000
		Construction	31,284,000
		Contingency	3,125,000
TOTAL	\$40,430,000	TOTAL	\$40,430,000
PROFESSIONAL SERVICES	Engineer	McGhee Engineering, Inc.	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 3,704	<u>Avg. Bill</u> \$ 75.74 (for 4,000 gallons)
REGIONAL COORDINATION This project is consistent with regional planning recommendations.			
Allocation Source	Appropriation Amount	Project Amount	
HB 900 - 2026 RS Line Item	\$ 10,000,000	\$ 40,430,000	
	Total	\$ 40,430,000	
Notes:			

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM HB900 2026 RS LINE ITEM - STATE		Reviewer CPBOC Date KIA Grant Number WRIS Number		Julie Bickers October 15, 2026 26KGW015 WX21171049	
GRANTEE		MONROE COUNTY WATER DISTRICT MONROE COUNTY			
BRIEF DESCRIPTION Approximately 3500 existing out-dated water meters to be replaced with new automatic read meters. This project will also include installation of new generators at booster pump stations.					
PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
2026 HB900 Line Item - Water - Grant - 26KGW015		\$1,567,000	Eng - Design / Const	\$0	\$0
			Eng - Insp	5.2%	4.3%
			Construction		1,407,000
TOTAL		\$1,567,000	TOTAL		\$1,567,000
PROFESSIONAL SERVICES	Engineer	NA			
PROJECT SCHEDULE	Bid Opening	March 15, 2027			
	Construction Start	April 15, 2027			
	Construction Stop	October 15, 2027			
RESIDENTIAL RATES	Current	<u>Users</u> 3,683	<u>Avg. Bill</u> \$ 54.88	(for 4,000 gallons)	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.				
Allocation Source	Appropriation Amount	Project Amount			
HB 900 - 2026 RS Line Item	\$ 1,567,000	\$ 1,567,000			
	Total	\$ 1,567,000			
Notes:					

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM HB900 2026 RS LINE ITEM - STATE		Reviewer CPBOC Date KIA Grant Number WRIS Number		Julie Bickers October 15, 2026 26KGW016 WX21171051																																	
GRANTEE		MONROE COUNTY WATER DISTRICT MONROE COUNTY																																			
BRIEF DESCRIPTION As part of this road project, the District plans to install a 6-inch water main along the east side of Highway 163 Bypass around Tompkinsville. The Monroe County Water District will install a 6-inch water main along the roadway to improve water transmission in the area. As part of the new water main, about four connections to existing water mains will be performed as part of the water transmission improvements (including the connections to the existing water mains at Highway 163). There will also be some fire hydrants installed as part of the water main addition. Some of the proposed 6-inch water main will need to be installed in casing pipes under existing state highways.																																					
PROJECT FINANCING 2026 HB900 Line Item - Water - Grant - 26KGW016 \$5,033,000		<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">PROJECT BUDGET</th> <th style="text-align: right;">RD Fee %</th> <th style="text-align: right;">Actual %</th> <th></th> </tr> <tr> <td>Administrative Expenses</td> <td></td> <td></td> <td style="text-align: right;">\$30,000</td> </tr> <tr> <td>Legal Expenses</td> <td></td> <td></td> <td style="text-align: right;">20,000</td> </tr> <tr> <td>Eng - Design / Const</td> <td style="text-align: right;">6.9%</td> <td style="text-align: right;">15.2%</td> <td style="text-align: right;">600,000</td> </tr> <tr> <td>Eng - Insp</td> <td style="text-align: right;">3.7%</td> <td style="text-align: right;">3.8%</td> <td style="text-align: right;">150,000</td> </tr> <tr> <td>Eng - Other</td> <td></td> <td></td> <td style="text-align: right;">275,000</td> </tr> <tr> <td>Construction</td> <td></td> <td></td> <td style="text-align: right;">3,958,000</td> </tr> <tr> <td>TOTAL</td> <td></td> <td></td> <td style="text-align: right;">\$5,033,000</td> </tr> </table>				PROJECT BUDGET	RD Fee %	Actual %		Administrative Expenses			\$30,000	Legal Expenses			20,000	Eng - Design / Const	6.9%	15.2%	600,000	Eng - Insp	3.7%	3.8%	150,000	Eng - Other			275,000	Construction			3,958,000	TOTAL			\$5,033,000
PROJECT BUDGET	RD Fee %	Actual %																																			
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PROFESSIONAL SERVICES	Engineer	TBD																																			
PROJECT SCHEDULE	Bid Opening	TBD																																			
	Construction Start	TBD																																			
	Construction Stop	TBD																																			
RESIDENTIAL RATES	Current	<u>Users</u> 3,683	\$	<u>Avg. Bill</u> 54.88	(for 4,000 gallons)																																
	Additional	20																																			
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.																																				
Allocation Source	Appropriation Amount	Project Amount																																			
HB 900 - 2026 RS Line Item	\$ 5,033,000	\$ 5,033,000																																			
	Total	\$ 5,033,000																																			
Notes:																																					

EXECUTIVE SUMMARY						Reviewer	Julie Bickers
KENTUCKY INFRASTRUCTURE AUTHORITY						CPOC Date	October 15, 2026
DRINKING WATER AND WASTEWATER GRANT PROGRAM						KIA Grant Number	26KGW017
HB900 2026 RS LINE ITEM - STATE						WRIS Number	WX21101130
GRANTEE	HENDERSON WATER UTILITY HENDERSON COUNTY						
BRIEF DESCRIPTION							
This essential capital construction project for HWU entails 2 components: upgrades to the existing raw water intake along with construction of a new raw water line to serve the Henderson Water Utility South Water Treatment Plant. The SWTP supplies the largest user of treated water in the area - Tyson Foods - and the largest employer in the area with nearly 2,000 people employed, and additional households serviced by the SWTP: Henderson Water Utility South - 7,412 households Henderson County Water District - 6,305 households Beech Grove Water Association - 507 households City of Sebree - 599 households The existing raw water intake is located at the former Big Rivers Electric Corporation (BREC) Generating Plant, and will be modified to house new upgraded pumps, VFDs, and electrical components. Pumps and equipment upgrades will be sized during this project to meet the 4.0 MGD existing raw water need at the SWTP, but design will allow for expansion to 8.0 MGD to meet future needs when necessary. Existing electrical and pumping components were built to serve the BREC and do not suit HWU needs. Modifications for correctly sized pumping equipment and new electrical components will result in a significant power cost savings to HWU and customers rather than leaving the pump station as is. Energy efficient lighting will be installed. Additionally, 2,000 LF of 24-inch raw water pipeline will be constructed along a new route from the upgraded intake to the SWTP - beginning at the intake and running parallel with the entrance road at the BREC Sebree Station Facility, then along HWY-2086 and connecting to the South WTP. The new raw water intake and pipeline will be more reliable than the existing line and will have interconnections from two separate electric generation sources. Finally, bypass pump connections will be constructed at the connection point adjacent to the river which will allow for the quick connection of emergency bypass pumps if the intake pump station is rendered inoperable. This project is necessary to continue service to the 2,000 people employed at Tyson along with the nearly 15,000 households served by the South Water Treatment Plant. Previously HWU intended to construct a new intake and pipeline and by upgrading the existing intake and constructing a new pipeline will save nearly \$2 million than the alternative.							
PROJECT FINANCING				PROJECT BUDGET	RD Fee %	Actual %	
2026 HB900 Line Item - Water -							
Grant - 26KGW017				\$1,000,000			
Other Funding				7,500,000			
				Administrative Expenses			\$35,000
				Legal Expenses			15,000
				Eng - Design / Const	6.4%	2.1%	175,000
				Eng - Insp	3.1%	0.9%	75,000
				Construction			7,500,000
				Contingency			700,000
TOTAL				\$8,500,000			\$8,500,000
PROFESSIONAL SERVICES	Engineer	TBD					
PROJECT SCHEDULE	Bid Opening	TBD					
	Construction Start	TBD					
	Construction Stop	TBD					
RESIDENTIAL RATES							
	Current	<u>Users</u>		<u>Avg. Bill</u>			
		12	\$	-	(for 4,000 gallons)		
REGIONAL COORDINATION		This project is consistent with regional planning recommendations.					
Allocation Source	Appropriation Amount	Project Amount					
HB 900 - 2026 RS Line Item	\$ 1,000,000	\$ 8,500,000					
Total	\$	8,500,000					
Notes:							