Kentucky Infrastructure Authority Projects for April 2025 Capital Projects and Bond Oversight Committee

Fund B Loan

Loan #	Borrower	Amount Requested	Amount Loan Total	County
B25-008	East Clark County Water District	\$ 841,383	\$ 841,383	Clark
Fund O / sou	_			
 Fund C Loar 	1	Amount	Amount	
Loan #	Borrower	Requested	Loan Total	County
C25-001	Oldham County Water District	\$ 6,129,061	\$ 6,129,061	Oldham

• Fund F Loan

		Amount	Amount	
Loan #	Borrower	Requested	 Loan Total	County
F22-030	Cannonsburg Water District (Increase)	\$ 619,180	\$ 2,304,263	Boyd



Kentucky Infrastructure Authority Loan Programs Fiscal Year Ended June 30, 2025

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	Fund A (CWSRF)	Fund F (DWSRF)	Fund B	Fur	nd C
	Description of Program	Clean Water	Drinking Water	Infrastructure	Governmen	tal Agencies
	Federal / State	Federal	Federal	State	St	ate
				First Come		Come
	Selection Basis	Priority List	Priority List	First Served		Served
	Types of Infrastructure	Wastewater	Drinking Water	Various ⁽¹⁾	Vario	us ^(1,3)
Fiscal 2023						
Terms ⁽⁴⁾	Interest Rates	Income Based	Income Based	Income Based	Terms	Market Rate
20 years	Standard (> or = \$60,183)	2.25%	2.25%	2.25%	1-5 years	1.75%
20 years	Non-standard (\$48,147 - \$60,182) ⁽²⁾	1.25%	1.25%	1.25%	6-10 years	2.25%
20 to 30 years	Disadvantage (< or = \$48,146)	0.50%	0.50%	0.50%	11-20 years	2.75%
20 years	Broadband Projects	N/A	N/A	4.25%	20 years	4.25%
	Administration Fees (on principal)	0.25%	0.30%	0.20%	0.2	5%
	Principal Forgiveness	depends on MHI	affordability index	N/A	N	/A
Lending Capac	ity					
	Estimated Annual Availability	\$101,732,614	\$76,323,479	\$5,008,495	\$6,79	0,533
	Significant Federal Requirements	Davis Bacon	Davis Bacon			
		Environmental Review	Environmental Review			
		American Iron and Steel	American Iron and Steel			
		Fiscal Sustainability Plan	Build America Buy America			
		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 4.25%.

(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.

2024 HB1 LINE ITE	M Grants (State) - Sewer				
Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
24KGS136	Springfield Water & Sewer Commission	Springfield WWTP SBR	\$ 1,500,000.00	Washington	HB1-2024 RS Line Item

EXECUTIVE SUMMAR	RUCTURE AUTHORITY	Reviewer	Jeremy Skinner
KENTUCKY INFRAST		Date	April 3, 2025
FUND B, INFRASTRUC		KIA Loan Number	B25-008
REVOLVING LOAN FU		WRIS Number	WX21049041
BORROWER	EAST CLARK COUNTY WATER DISTRICT CLARK COUNTY		

BRIEF DESCRIPTION

Projected 2025

Projected 2026

Projected 2027

Projected 2028

The East Clark County Water District is requesting a Fund B loan in the amount of \$841,383. This loan will be used in conjunction with a previously awarded Cleaner Water Program grant to fund the Mt Sterling Rd and KY 89 Water Line Upgrade project. The project will replace approximately 3,200 linear feet (LF) of 6-inch water line along Mt. Sterling Road (US 60), approximately 7,200 LF of 6-inch water line along KY 89, and approximately 750 LF of 3-inch water line along Hilltop Drive with new Class 250 SDR 17 PVC. Creek crossings will be installed by directional drill method using DR 11 HDPE water line. The project will also include either new meter settings and service line from the new water mains or reconnection to the existing meter settings. Other proposed project components include valves, flush hydrants, and road bores with steel cover pipe. The project will replace some of the oldest water lines in the District's system. The existing water lines experience frequent leaks and breaks causing service disruptions as well as potential health hazards.

	PROJECT BUDGET			
\$841,383 748,617 - - - - -	Administrative Expense Legal Expenses Land, Easements Planning Eng - Design / Const Eng - Insp Eng - Other Construction Contingency	ses		\$35,000 20,000 10,000 104,000 65,000 30,000 1,187,000 119,000
\$1,590,000	TOTAL		_	\$1,590,000
Rate Term	2.25% 20 Years	Est. Annual Paym 1st Payment		\$54,157 first draw
Engineer Bond Counsel	Bell Engineering Dinsmore & Shohl, LL	 P		
Bid Opening Construction Start Construction Stop	May-25 Jun-25 Jan-26			
Existing Proposed	\$221 \$472			
	See Attached			
Current Additional	<u>Users</u> 2,737 0			
This project is consiste	ent with regional plannir	ng recommendatior	าร.	
Cash Flow Before Debt Service	Debt Service	Cash Flow After D		Coverage Ratio
272,601 387,767 479,804 442,576	104,757 109,328 103,526 108,649		167,844 278,439 376,278 333,927	2.6 3.5 4.6 4.1
	748,617 - - - - - - - - - - - - - - - - - - -	\$841,383 748,617 -Administrative Expense Legal Expenses Land, Easements Planning Eng - Design / Const Eng - Other Construction Contingency-Eng - Design / Const Eng - Other Construction Contingency\$1,590,000TOTALRate 2.25% Term2.25% Term 20 YearsEngineer Bond CounselBell Engineering Dinsmore & Shohl, LLBid Opening Construction Start Construction Start Dinsmore & Shohl, LLBid Opening Proposed\$221 \$472From See AttachedCurrent Additional0This project is consistent with regional planning 0Cash Flow Before Debt ServiceDebt Service Debt Service272,601 387,767 387,767104,757 388,767387,767 409,328 479,804103,526	\$841,383 Administrative Expenses 748,617 Legal Expenses - Land, Easements Planning Eng - Design / Const Eng - Design / Const Eng - Insp - Eng - Other - Construction - Construction - Construction - Contingency Term 20 Years 1st Payment Engineer Bell Engineering Bond Counsel Dinsmore & Shohl, LLP Bid Opening May-25 Construction Start Jun-25 Construction Start Jun-25 Construction Stop Jan-26 Existing \$221 Proposed \$472 Current 2,737 \$51.36 Additional 0 \$51.36 This project is consistent with regional planning recommendation Cash Flow After D 272,601 104,757 387,767 387,767 109,328 479,804	\$841,383 Administrative Expenses 1 Legal Expenses 1 Land, Easements Planning Eng - Design / Const Eng - Design / Const Eng - Insp - Eng - Other - Construction - Contingency * TOTAL Rate 2.25% Est. Annual Payment Term 20 Years 1st Payment 6 Mo. after 1 Engineer Bell Engineering Bond Counsel Dinsmore & Shohl, LLP Bid Opening May-25 Construction Start Jun-25 Construction Start Jun-26 Existing \$221 Proposed \$472 See Attached Current 2,737 \$51.36 Grow After Debt Service Cash Flow After Debt Service Debt Service Debt Service Cash Flow After Debt Service 272,601 104,757 167,844 387,767 109,328 278,439 479,804 103,526 376,278

95,809

146,935

143,800

140,665

404.833

364.405

325.431

285,748

4.2

2.5

2.3

2.0

309.023

217.470

181.631

145,084

Reviewer: Jeremy Skinner Date: April 3, 2025 Loan Number: B25-008

KENTUCKY INFRASTRUCTURE AUTHORITY INFRASTRUCTURE REVOLVING LOAN FUND (FUND B) EAST CLARK COUNTY WATER DISTRICT, CLARK COUNTY PROJECT REVIEW WX21049041

I. PROJECT DESCRIPTION

The East Clark County Water District is requesting a Fund B loan in the amount of \$841,383. This loan will be used in conjunction with a previously awarded Cleaner Water Program grant to fund the Mt Sterling Rd and KY 89 Water Line Upgrade project. This project will replace some of the oldest water lines in the District's system. The existing water lines experience frequent leaks and breaks causing service disruptions as well as potential health hazards.

The project will replace approximately 3,200 linear feet (LF) of 6-inch water line along Mt. Sterling Road (US 60), approximately 7,200 LF of 6-inch water line along KY 89, and approximately 750 LF of 3-inch water line along Hilltop Drive with new Class 250 SDR 17 PVC. Creek crossings will be installed by directional drill method using DR 11 HDPE water line. The project will also include either new meter settings and service line from the new water mains or reconnection to the existing meter settings. Other proposed project components include valves, flush hydrants, and road bores with steel cover pipe.

East Clark County Water District serves 2,720 residential and 17 commercial customers. The District purchases water from Winchester Municipal Water and, to a lesser extent, Kentucky-American Water.

II. PROJECT BUDGET

	Total
Administrative Expenses	\$ 35,000
Legal Expenses	20,000
Land, Easements	20,000
Planning	10,000
Engineering Fees - Design	104,000
Engineering Fees - Inspection	65,000
Engineering Fees - Other	30,000
Construction	1,187,000
Contingency	119,000
Total	\$ 1,590,000

III. PROJECT FUNDING

	Amount	%
Fund B Loan	\$ 841,383	53%
22CWW028	748,617	47%
Total	\$ 1,590,000	100%
IV. KIA DEBT SERVICE		
Construction Loan	\$ 841,383	
Less: Principal Forgiveness	0	
Amortized Loan Amount	\$ 841,383	
Interest Rate	2.25%	
Loan Term (Years)	20	
Estimated Annual Debt Service	52,475	
Administrative Fee (0.20%)	1,683	
Total Estimated Annual Debt Service	\$ 54,157	

V. PROJECT SCHEDULE

Bid Opening:	May 2025
Construction Start:	June 2025
Construction Stop:	January 2026

VI. RATE STRUCTURE

A. <u>Customers</u>

Customers	Current
Residential	2,720
Commercial	17
Industrial	0
Total	2,737

B. <u>Rates</u>

WATER	Current	Prior
Date of Last Rate Increase	3/29/2022	8/1/2012
Minimum (2,000 gallons)	\$28.08	\$26.30
Next 8,000 Gallons (per 1,000)	11.64	10.90
Next 40,000 Gallons (per gallon)	10.33	9.68
Next 50,000 Gallons (per gallon)	9.03	8.46
Cost for 4,000 gallons	\$51.36	\$48.10
Increase %	6.8%	
Affordability Index (Rate/MHI)	0.7%	0.6%

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2018-2022, the Utility's service area population is 6,573 with a Median Household Income (MHI) of \$90,075. The MHI for the Commonwealth is \$60,183. The Ioan will qualify for a 2.25% interest rate.

VIII. FINANCIAL ANALYSIS

Financial information was obtained from the audited financial statements for the years ended December 31, 2021, through December 31, 2023. 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

Operating revenues increased 15.2 percent from \$1.53 million in 2021 to nearly \$1.76 million in 2023, outpacing operating expenses which increased 6.9 percent over the same period. Revenue growth was primarily driven by a March 2022 rate adjustment and, to a lesser extent, increased customer demand. Operating expenses rose just 2 percent in 2023 despite an increase in employee salaries due to a decrease in employee benefit costs and stable maintenance, equipment, and utility costs. The District's purchased water costs remained stable over the period, ranging from approximately \$390 thousand to \$410 thousand annually. The District's existing debt consists of revenue bonds with a total balance of less than \$600,000 that will be paid off by 2031. The debt coverage service ratio was 2.6, 3.5, and 4.6 for 2021, 2022, and 2023, respectively.

The balance sheet reflects a current ratio of 7.8, a debt-to-equity ratio of 0.3, 42.5 days of sales in accounts receivable, and 5.0 months of operating expenses in unrestricted cash.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Water revenues will remain unchanged from 2023 due to there being no anticipated rate adjustments in the near-term and to account for possible fluctuations in consumer demand.
- 2) Operating expenses will increase 3 percent annually due to inflation and general expense increases.
- 3) The debt service coverage ratio is 2.5 in 2026 when principal and interest repayments commence.

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

The ENTITY 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 \$841,383 loan and must receive a Certificate of Public Convenience and Necessity, pursuant to KRS 278.020.

REPLACEMENT RESERVE

The replacement reserve will be 5% (\$42,000 total) of the final amount borrowed to be funded annually (\$2,100 yearly) each December 1 for 20 years and maintained for the life of the loan.

IX. DEBT OBLIGATIONS

	Outstanding	Maturity
KRWFC Series 2010C	\$ 325,000	2030
KRWFC Series 2011C	255,000	2031
KRWFC 2013C	15,000	2024
Total	\$595,000	

X. <u>CONTACTS</u>

Legal Applicant	
Name	East Clark Water District
Address	P.O. Box 112
	Winchester, KY 40392
County	Clark
Authorized Official	William Ballard
Phone	(859) 745-1458
Email	wdballard@bellsouth.net

Project Contact - Applicant	
Name	Michael A. Lile, PE
Organization	Bell Engineering
Address	205 E. Mount Vernon Street
	Somerset, KY 42501
Phone	(606) 485-4011
	mlile@hkbell.com
Email	

Project Administrator	
Name	Casey Cash
Organization	Bluegrass Area Development District
Address	699 Perimeter Drive
///////////////////////////////////////	Lexington, KY 40517
Phone	(859) 460-6216
Email	ccash@bgadd.org

Consulting Engineer	
Name	Michael A. Lile, PE
Firm	Bell Engineering
Address	205 E. Mount Vernon Street
///////////////////////////////////////	Somerset, KY 42501
Phone	(606) 485-4011
Email	mlile@hkbell.com

XI. <u>RECOMMENDATIONS</u>

KIA staff recommends approval of the loan with the standard.

EAST CLARK COUNTY WATER DISTRICT

FINANCIAL SUMMARY (DECEMBER YEAR END)

FINANCIAL SUMMARY (DECEMBER YEAR END)								
	Audited	Audited	Audited	Projected	Projected	Projected	Projected	Projected
	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
Balance Sheet								
Assets								
Current Assets	2,001,116	2,203,102	2,398,144	2,565,124	2,719,635	2,828,371	2,919,186	2,991,728
Other Assets	7,925,514	7,681,772	7,524,530	7,312,751	8,678,519	8,368,762	8,041,084	7,695,133
Total =	9,926,630	9,884,874	9,922,674	9,877,874	11,398,155	11,197,132	10,960,270	10,686,861
Liabilities & Equity								
Current Liabilities	285,742	286,431	306,217	301,373	343,642	343,842	344,042	354,242
Long Term Liabilities	1,950,618	1,930,094	1,806,480	1,731,480	2,455,794	2,338,725	2,221,656	2,094,586
Total Liabilities	2,236,360	2,216,525	2,112,697	2,032,853	2,799,436	2,682,567	2,565,698	2,448,829
Net Assets	7,690,270	7,668,349	7,809,977	7,845,021	8,598,719	8,514,565	8,394,573	8,238,033
Cash Flow								
Revenues	1,526,493	1,690,894	1,758,534	1,758,534	1,758,534	1,758,534	1,758,534	1,758,534
Operating Expenses	1,300,942	1,365,544	1,372,089	1,405,311	1,439,449	1,476,632	1,512,686	1,549,740
Other Income	47,050	62,417	93,359	89,353	85,748	82,503	79,583	76,954
Cash Flow Before Debt Service	272,601	387,767	479,804	442,576	404,833	364,405	325,431	285,748
Debt Service								
Existing Debt Service	104,757	109,328	103,526	108,649	95,809	92,778	89,643	86,508
Proposed KIA Loan	0	0	0	0	0	54,157	54,157	54,157
Total Debt Service	104,757	109,328	103,526	108,649	95,809	146,935	143,800	140,665
Cash Flow After Debt Service =	167,844	278,439	376,278	333,927	309,023	217,470	181,631	145,084
Ratios								
Current Ratio	7.0	7.7	7.8	8.5	7.9	8.2	8.5	8.4
Debt to Equity	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Days Sales in Accounts Receivable	40.6	38.6	42.5	42.5	42.5	42.5	42.5	42.5
Months Operating Expenses in Unrestricted Cash	5.9	7.3	5.0	6.3	7.4	8.2	8.7	9.0
Debt Coverage Ratio	2.6	3.5	4.6	4.1	4.2	2.5	2.3	2.0

EXECUTIVE SUMMARYReviewerJeremy SkinnerKENTUCKY INFRASTRUCTURE AUTHORITYDateApril 3, 2025FUND C, GOVERNMENTAL AUTHORITYKIA Loan NumberC25-001REVOLVING LOAN FUNDWRIS NumberWX21185064BORROWEROLDHAM COUNTY WATER DISTRICT
OLDHAM COUNTYSecond Second Se

BRIEF DESCRIPTION

Projected 2025

Projected 2026

Projected 2027

Projected 2028

Projected 2029

Oldham County Water District is requesting a Fund C loan in the amount of \$6,129,061 for the US 42 West Improvements from KY-393 to KY-1694 project. This project includes the installation of approximately 22,300 linear feet of 12-inch water line along US-42 from KY-393 to KY-1694. This project will increase water pressure and flow to an underserved portion of the District's customer base. The new water line will also provide a looped connection to multiple points in this part of the District's distribution system, strengthening the existing infrastructure and maintaining water supply in the event of a break.

PROJECT FINANCING		PROJECT BUDGET			
Fund C Loan	\$6,129,061	Administrative Expense Legal Expenses Land, Easements Planning Eng - Design / Const Eng - Insp Eng - Other Construction Contingency	ses		\$10,000 15,000 265,000 12,600 282,661 150,000 56,000 4,106,000 1,231,800
TOTAL	\$6,129,061	TOTAL		-	\$6,129,061
REPAYMENT	Rate Term	2.75% 20 Years	Est. Annual Paym 1st Payment	nent 6 Mo. after f	\$415,787 first draw
PROFESSIONAL SERVICES	Engineer Bond Counsel	GRW Engineers, Inc. Dinsmore & Shohl, LL	P		
PROJECT SCHEDULE	Bid Opening Construction Start Construction Stop	Aug-25 Nov-25 Oct-26			
DEBT PER CUSTOMER	Existing Proposed	\$1,221 \$1,835			
OTHER DEBT		See Attached			
RESIDENTIAL RATES	Current Additional	<u>Users</u> 9,259 0	<u>Avg. Bill</u> \$24.92 \$24.92	2 (for 4,000 g 2 (for 4,000 g	
REGIONAL COORDINATION	This project is consist	ent with regional plannir	ng recommendatio	ns.	
CASHFLOW	Cash Flow Before Debt Service	Debt Service	Cash Flow After [Debt Service	Coverage Ratio
Audited 2022 Audited 2023 Audited (DRAFT) 2024	1,463,870 1,232,242 1,690,336	767,839 589,849 591,942		696,031 642,393 1,098,394	1.9 2.1 2.9

595,951

599,521

1,018,509

1,020,685

1,024,842

1,703,954

1,535,374

1,387,392

1,256,705

1,108,957

2.9

2.6

1.4

1.2

1.1

1,108,003

935,853

368,883

236,020

84,115

Reviewer: Jeremy Skinner Date: April 3, 2025 Loan Number: C25-001

KENTUCKY INFRASTRUCTURE AUTHORITY GOVERNMENTAL AGENCIES LOAN FUND (FUND C) OLDHAM COUNTY WATER DISTRICT, OLDHAM COUNTY PROJECT REVIEW WX21185064

I. PROJECT DESCRIPTION

Oldham County Water District is requesting a Fund C loan in the amount of \$6,129,061 for the US 42 West Improvements from KY-393 to KY-1694 project. This project includes the installation of approximately 22,300 linear feet of 12-inch water line along US 42 from KY-393 to KY-1694. This project will increase water pressure and flow to an underserved portion of the District's customer base. The new water line will also provide a looped connection to multiple points in this part of the District's distribution system, strengthening the existing infrastructure and maintaining water supply in the event of a break.

This project is one phase of a larger project intended to provide redundancy and improve the water pressure and flow in this part of the county. A second phase of the project, which includes the installation of water line from KY-1694 to South Buckeye Lane, will be funded with previously awarded Cleaner Water Program Grants.

Oldham County Water District serves 8,576 residential customers and 682 commercial and industrial customers. The District also sells water to the LaGrange Utilities Commission.

II. PROJECT BUDGET

	Total
Administrative Expenses	\$10,000
Legal Expenses	15,000
Land, Easements	265,000
Planning	12,600
Engineering Fees – Design	226,129
Engineering Fees – Construction	56,532
Engineering Fees – Inspection	150,000
Engineering Fees – Other	56,000
Construction	4,106,000
Contingency	1,231,800
Total	\$6,129,061

III. PROJECT FUNDING

	Amount	%
Fund C Loan	\$6,129,061	100.0%
Total	\$6,129,061	100.0%
IV. KIA DEBT SERVICE		
Construction Loan	\$6,129,061	
Less: Principal Forgiveness	0	
Amortized Loan Amount	\$6,129,061	
Interest Rate	2.75%	
Loan Term (Years)	20	
Estimated Annual Debt Service	\$400,464	
Administrative Fee (0.25%)	15,323	
Total Estimated Annual Debt Service	\$415,787	

V. PROJECT SCHEDULE

Bid Opening:	August 2025
Construction Start:	November 2025
Construction Stop:	October 2026

VI. RATE STRUCTURE

A. Customers

Customers	Current
Residential	8,576
Commercial	682
Wholesale	1
Total	9,259

B. <u>Rates</u>

Water - 5/8" Meter Rates	Current	Prior
Date of Last Rate Increase	6/18/2024	12/9/2009
Minimum Charge	\$8.64	\$8.84
Volumetric Retail Rate (per gallon)	0.00407	0.0037
Cost for 4,000 gallons	\$24.92	\$23.64
Increase %	5.4%	
Affordability Index (Rate/MHI)	0.3%	0.2%

Water – 3/4" Meter Rates	Current	Prior
Date of Last Rate Increase	6/18/2024	12/9/2009
Minimum Charge	\$13.02	\$9.73
Volumetric Retail Rate (per gallon)	0.00407	0.0037
Cost for 4,000 gallons	\$29.30	\$24.53
Increase %	19.4%	
Affordability Index (Rate/MHI)	0.3%	0.3%
Water – Wholesale	Current	Prior
Date of Last Rate Increase	6/18/2024	9/28/2018
Volumetric Retail Rate (per gallon)	0.00268	0.002
Increase %	34.0%	

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2018-2022, the Utility's service area population is 18,569 with a Median Household Income (MHI) of \$113,804. The MHI for the Commonwealth is \$60,183. 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, 2022, through December 31, 2024. The audited financial statement for the year ended December 31, 2024, was in a draft form as of the date of this analysis. The District does not anticipate any material changes in the financial information prior to the draft being finalized. 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 nearly 14 percent from \$5.20 million in 2022 to \$5.92 million in 2024 due to adjustments to the District's retail and wholesale water rates and, to a lesser extent, steady increases in retail water sales. Operating expenses increased 16.4 percent in 2023 and 9.6 percent in 2024 due to inflation-related price increases as well as increased employee wages. In addition to operating revenues, the District earns stable and consistent non-operating revenues in the form of income from cellular carriers leasing space to mount antennas on the District's water towers and in the form of fees from local sewer and sanitation districts outsourcing their billing to the District. The District's existing debt consists of revenue bonds with a year-end

2024 balance of \$11.38 million. The debt service coverage ratio was 1.9, 2.1, and 2.9 for 2022, 2023, and 2024, respectively.

The balance sheet reflects a current ratio of 16.4, a debt-to-equity ratio of 0.4, 59.2 days of sales in accounts receivable, and 32.1 months of operating expenses in unrestricted cash.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Retail water and wholesale revenues will increase 2 percent and 17 percent, respectively, in 2025 due to rate increases previously approved by the Public Service Commission.
- 2) Retail water revenues will increase 1 percent annually starting in 2026 based on historical year-to-year increases.
- 3) Wholesale water revenues will remain unchanged following the 2025 increase based on historical wholesale sales data.
- 4) Operating expenses will increase 3 percent annually due to inflation and general expense increases.
- 5) The District's debt service coverage ratio is 1.4 in 2027 when principal and interest repayments commence.

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

The ENTITY 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 \$6,129,061 loan and must receive a Certificate of Public Convenience and Necessity, pursuant to KRS 278.020.

REPLACEMENT RESERVE

The replacement reserve will be 5% (\$306,000 total) of the final amount borrowed to be funded annually (\$15,300 yearly) each December 1 for 20 years and maintained for the life of the loan.

IX. DEBT OBLIGATIONS

Total	\$ 11,376,100	
Revenue Bonds – Series 2010B	 7,875,000	2052
Revenue Bonds – Series 2010A	\$ 3,501,100	2049
	 Outstanding	Maturity

X. <u>CONTACTS</u>

Legal Applicant	
Name	Oldham County Water District
Address	2160 Spencer Court
	LaGrange, KY 40031
County	Oldham
Authorized Official	Russ Rose
Phone	(502) 222-1690
Email	rrose@oldhamcountywaterky.gov

Project Contact - Applicant	
Name	Shanna Stone
Organization	Engineering Manager
Address	2160 Spencer Court
, laurooo	LaGrange, KY 40031
Phone	(502) 222-1690
Email	sstone@oldhamcountywaterky.gov

Dev	stin Carter ntucky Regional Planning & velopment Agency (KIPDA) 520 Commonwealth Dr.
Phone (50	uisville, KY 40299 2) 266-6084 tin.carter@kipda.org

Consulting Engineer	
Name	Nicholas Gunselman
Firm	GRW Engineers, Inc.
Address	10350 Ormsby Park Place, Ste 101
/ (000	Louisville, KY 40223
Phone	(502) 489-8484
Email	ngunselman@grwinc.com

XI. <u>RECOMMENDATIONS</u>

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

OLDHAM COUNTY WATER DISTRICT

FINANCIAL SUMMARY (DECEMBER YEAR END)

FINANCIAL SUMMARY (DECEMBER YEAR END)		Audited					
	Audited	Audited	(DRAFT)	Projected	Projected	Projected	Projected	Projected
	2022	2023	2024	2025	2026	2027	2028	2029
Balance Sheet								
Assets								
Current Assets	6,200,846	14,658,229	15,821,103	16,048,128	16,248,007	16,334,768	16,377,172	16,393,932
Other Assets	50,326,721	43,880,347	43,632,657	45,568,794	50,426,538	49,263,995	48,032,266	46,687,606
Total	56,527,567	58,538,576	59,453,760	61,616,921	66,674,545	65,598,763	64,409,438	63,081,538
Liabilities & Equity								
Current Liabilities	869,488	750,307	966,327	981,360	1,302,913	1,317,113	1,334,413	1,349,713
Long Term Liabilities	16,630,092	17,369,993	16,547,482	17,730,859	21,689,571	21,036,978	20,366,701	19,698,625
Total Liabilities	17,499,580	18,120,300	17,513,809	18,712,219	22,992,484	22,354,091	21,701,114	21,048,338
Net Assets	39,027,987	40,418,276	41,939,951	42,904,702	43,682,061	43,244,672	42,708,324	42,033,200
Cash Flow								
Revenues	5,200,444	5,133,820	5,922,405	6,130,110	6,180,887	6,232,172	6,283,970	6,336,286
Operating Expenses	4,152,622	4,770,957	5,922,405	5,261,732	5,393,239	5,543,991	5,683,506	5,827,207
Other Income	4,132,022	4,770,937 869,379	901,987	835,577	747,726	699,211	656,241	599,879
Cash Flow Before Debt Service	1,463,870	1,232,242	1,690,336	1,703,954	1,535,374	1,387,392	1,256,705	1,108,957
	1,400,070	1,202,242	1,000,000	1,700,004	1,000,074	1,007,002	1,200,700	1,100,007
Debt Service								
Existing Debt Service	767,839	589,849	591,942	595,951	599,521	602,722	604,898	609,055
Proposed KIA Loan	0	0	0	0	0	415,787	415,787	415,787
Total Debt Service	767,839	589,849	591,942	595,951	599,521	1,018,509	1,020,685	1,024,842
Cash Flow After Debt Service	696,031	642,393	1,098,394	1,108,003	935,853	368,883	236,020	84,115
Ratios								
Current Ratio	7.1	19.5	16.4	16.4	12.5	12.4	12.3	12.1
Debt to Equity	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
Days Sales in Accounts Receivable	45.9	48.5	59.2	59.2	59.2	59.2	59.2	59.2
Months Operating Expenses in Unrestricted Cash	14.1	32.7	32.1	31.9	31.5	30.9	30.2	29.5
Debt Coverage Ratio	1.9	2.1	2.9	2.9	2.6	1.4	1.2	1.1

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY FUND F, FEDERALLY ASSISTED DRINKING WATER REVOLVING LOAN FUND

Reviewer Date KIA Loan Number WRIS Number John Brady April 3, 2025 F22-030 (Increase) WX21019057

BORROWER

CANNONSBURG WATER DISTRICT BOYD COUNTY

BRIEF DESCRIPTION

The Cannonsburg Water District is requesting a Fund F loan increase in the amount of \$619,180 for the Shoppes Road Water Line Replacement Phase 2 project. The original loan was approved by the KIA Board on July 7, 2022. This will bring their total KIA loan amount up to \$2,304,263. The increase request is due to bids coming in higher than the amount originally budgeted. No additional work is being funded. The project is a continuation of the Water District's water loss reduction efforts established in Phase 1. Approximately 17,000 total linear feet (LF) of problematic asbestos cement water line will be replaced. This consists of 2,000 LF of 12" line and 15,000 LF of 6" line. A 1,000 gallon per minute booster pump station (BPS) will also be replaced. Approximately 180 service line connections will be installed due to aging service line material. The project will improve water service in the area and help reduce O&M costs associated with daily operations.

PROJECT FINANCING		PROJECT BUDGET			
Fund F Loan	\$1,685,083	Administrative Expense	ses		\$40,000
Fund F Loan Increase	619,180	Legal Expenses			50,000
CWP Grant - 21CWW014	540,517	Land, Easements			20,000
CWP Grant - 22CWW103	656,599	Eng - Design / Const			206,000
Local	479,621	Eng - Insp			126,000
		Eng - Other			38,000
		Construction			3,182,000
		Contingency			319,000
		Other			
TOTAL	\$3,981,000	TOTAL		-	\$3,981,000
REPAYMENT	Rate	2.00%	Est. Annual Payme	ent	\$146,116
	Term	20 Years	1st Payment	6 Mo. after	
PROFESSIONAL SERVICES	Engineer	Bell Engineering			
	Bond Counsel	Dinsmore & Shohl, LL	P		
PROJECT SCHEDULE	Bid Opening	Jan-25			
TROUEDT CONEDULE	Construction Start	Jun-25			
	Construction Stop	Jun-26			
DEBT PER CUSTOMER	Existing	\$494			
DEBTTERCOOLOMER	Proposed	\$1,031			
OTHER DEBT	•	See Attached			
RESIDENTIAL RATES		<u>Users</u>	Avg. Bill		
	Current	3,662		(for 4,000 g	allons)
		0,002	÷.0.01	(
	-				
REGIONAL COORDINATION	This project is consiste	ent with regional plannir	ng recommendations	S.	
	Cash Flow Before				
CASHFLOW	Debt Service	Debt Service	Cash Flow After De	ebt Service	Coverage Ratio
Audited 2021	362,474	110,286		252,188	3.3
Audited 2022	596,418	279,313		317,105	2.1
Audited 2023	564,510	280,740		283,770	2.0
Projected 2024	532,661	282,941		249,720	1.9
Projected 2025	501,775	109,469		392,306	4.6
Projected 2026	605,181	69,957		535,224	8.7
Projected 2027	382,360	216,347		166,013	1.8
Projected 2028	347,885	216,547		131,338	1.6

KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER STATE REVOLVING FUND (FUND F) CANNONSBURG WATER DISTRICT, BOYD COUNTY PROJECT REVIEW WX21019057

I. PROJECT DESCRIPTION

The Cannonsburg Water District is requesting a Fund F loan increase in the amount of \$619,180 for the Shoppes Road Water Line Replacement Phase 2 project. The original loan was approved by the KIA Board on July 7, 2022. This will bring their total KIA loan amount up to \$2,304,263. The increase request is due to bids coming in higher than the amount originally budgeted. No additional work is being funded. The project is a continuation of the Water District's water loss reduction efforts established in Phase 1. Approximately 17,000 total linear feet (LF) of problematic asbestos cement water line will be replaced. This consists of 2,000 LF of 12" line and 15,000 LF of 6" line. A 1,000 gallon per minute booster pump station (BPS) will also be replaced. Approximately 180 service line connections will be installed due to aging service line material. The project will improve water service in the area and help reduce O&M costs associated with daily operations.

The Water District currently serves 3,359 residential customers and 253 commercial and other customers.

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II. PROJECT BUDGET

		Total
Administrative Expenses	\$	40,000
Legal Expenses		50,000
Land, Easements		20,000
Engineering Fees - Design		160,000
Engineering Fees - Construction		46,000
Engineering Fees - Inspection		126,000
Engineering Fees - Other		38,000
Construction	3	,182,000
Contingency		319,000
Total	\$ 3	,981,000

III. PROJECT FUNDING

	Amount	%
Fund F Loan	\$ 1,685,083	42%
Fund F Loan Increase	619,180	16%
CWP 1	540,517	14%
CWP 2	656,599	16%
Local	479,621	12%
Total	\$ 3,981,000	100%

IV. KIA DEBT SERVICE

Construction Loan	\$ 2,304,263	
Less: Principal Forgiveness	0	
Amortized Loan Amount	\$ 2,304,263	
Interest Rate	2.00%	
Loan Term (Years)	20	
Estimated Annual Debt Service	\$	140,355
Administrative Fee (0.25%)	5,761	
Total Estimated Annual Debt Service	\$	146,116

V. PROJECT SCHEDULE

Bid Opening:	January 2025
Construction Start:	June 2025
Construction Stop:	June 2026

VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

A) Customers

Customers	Current
Residential	3,359
Commercial	253
Other	50
Total	3,662

B) Rates

	Current	Prior
Date of Last Rate Increase	02/01/25	05/13/19
Minimum (2,000 Gallons)	\$27.13	\$25.33
Next 3,000 Gallons (Per 1,000)	10.44	9.54
Cost for 4,000 gallons	\$48.01	\$44.41
Increase %	8.1%	
Affordability Index (Rate/MHI)	0.8%	0.7%

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2018-2022, the Utility's service area population is 8,919 with a Median Household Income (MHI) of \$76,070. The MHI for the Commonwealth is \$60,183. When the original loan was approved the Utility's service area MHI was 59,708 and the State's MHI was 50,589. The loan will qualify for a 2.00% interest rate.

VIII. 2021 CAPITALIZATION GRANT EQUIVALENCIES

- 1) Green Project Reserve The Drinking Water capitalization grant does not contain a "green" requirement.
- 2) Additional Subsidization This project does not qualify for additional subsidization.

IX. FINANCIAL ANALYSIS

Financial information was obtained from the audited financial statements for the years ended December 31, 2021 through December 31, 2023. 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 11% from \$2.89 million in 2021 to \$3.21 million in 2023 due to water loss savings. Operating expenses increased 4.9% from \$2.5 million to \$2.65 million during the same period due to increased purchased water costs. The debt coverage ratio was 3.3, 2.1, and 2.0 in 2021, 2022, and 2023.

The balance sheet reflects a current ratio of 3.6, a debt-to-equity ratio of 0.8, 39.7 days of sales in accounts receivable, and 6.0 months of operating expenses in unrestricted cash.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Water revenues will increase 8.1% in 2025 due to an existing rate increase previously approved by the Public Service Commission (PSC) and 10.4% in 2026 due to a proposed rate increase.
- 2) General operating expenses will increase 2% annually due to inflation.
- 3) Purchased water expenses will increase 23.8% in 2025, 16.5% in 2026, and 12.3% in 2027 due to rate increases from the City of Ashland, which have been approved by the PSC.
- 4) Debt service coverage is 1.8 in 2027 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.

The Water District is regulated by the PSC and will need to apply, pursuant to KRS 278.300, for debt authorization for the \$2,304,263 loan and must receive a Certificate of Public Convenience and Necessity, pursuant to KRS 278.020.

REPLACEMENT RESERVE

The replacement reserve will be 5% (\$116,000 total) of the final amount borrowed to be funded annually (\$5,800 yearly) each December 1 for 20 years and maintained for the life of the loan.

X. DEBT OBLIGATIONS

	Outstanding	Maturity
KRWFC Note	\$ 81,000	2025
USDA Note	1,519,000	2055
KIA Loan B18-011	47,355	2039
KIA Loan C20-001	160,173	2024
Total	\$ 1,807,528	

XI. <u>CONTACTS</u>

Legal Applicant	
Entity Name	Cannonsburg Water District
Authorized Official	Robert McGuire (Chairman)
County	Boyd
Email	tim@cannonsburgwater.com
Phone	(606) 928-9808
Address	1606 Cannonsburg Rd
	Ashland, KY 41102

Applicant Contact

Name	Tim Webb
Organization	Cannonsburg Water District
Email	tim@cannonsburgwater.com
Phone	(606) 928-9808
Address	1606 Cannonsburg Rd
	Ashland, KY 41102

Project Administrat	or	
Name	Jasper Ball	
Organization	FIVCO ADD	
Email	jasper@fivco.org	
Phone	(606) 929-1366	
Address	32 FIVCO Ct	
	Grayson, KY 41143	

Consulting Engine	ər
PE Name	Ben Allen
Firm Name	Bell Engineering
Email	ballen@hkbell.com
Phone	(859) 278-5412
Address	2480 Fortune Dr, Ste 350
	Lexington, KY 40509

XII. <u>RECOMMENDATIONS</u>

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

CANNONSBURG WATER DISTRICT

FINANCIAL SUMMARY (DECEMBER YEAR END)

FINANCIAL SUMMARY (DECEMBER YEAR END)								
	Audited	Audited	Audited	Projected	Projected	Projected	Projected	Projected
Delever Oliver	<u>2021</u>	<u>2022</u>	<u>2023</u>	2024	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
Balance Sheet								
Assets								
Current Assets	1,162,301	1,472,693	1,861,692	1,961,558	2,146,180	2,398,770	2,465,175	2,517,710
Other Assets	6,762,074	7,251,750	6,902,792	6,786,127	6,755,014	10,691,126	10,424,712	10,137,493
Total =	7,924,375	8,724,443	8,764,484	8,747,685	8,901,194	13,089,896	12,889,887	12,655,203
Liabilities & Equity								
Current Liabilities	299,905	475,003	512,746	345,091	310,615	427,399	428,922	430,472
Long Term Liabilities	3,408,516	3,699,809	3,375,004	3,331,937	3,299,256	5,454,554	5,304,566	5,153,528
Total Liabilities	3,708,421	4,174,812	3,887,750	3,677,028	3,609,871	5,881,953	5,733,488	5,584,000
Net Assets	4,215,954	4,549,631	4,876,734	5,070,657	5,291,323	7,207,943	7,156,399	7,071,203
Cash Flow								
Revenues	2,896,440	3,087,027	3,214,216	3,214,216	3,469,409	3,823,604	3,823,604	3,823,604
Operating Expenses	2,534,785	2,491,984	2,657,983	2,689,832	2,975,911	3,226,700	3,449,521	3,483,996
Other Income	819	1,375	8,277	8,277	8,277	8,277	8,277	8,277
Cash Flow Before Debt Service	362,474	596,418	564,510	532,661	501,775	605,181	382,360	347,885
Debt Service								
Existing Debt Service	110,286	279,313	280,740	282,941	109,469	69,957	70,231	70,431
Proposed KIA Loan	0	0	0	0	0	0	146,116	146,116
Total Debt Service	110,286	279,313	280,740	282,941	109,469	69,957	216,347	216,547
Cash Flow After Debt Service	252,188	317,105	283,770	249,720	392,306	535,224	166,013	131,338
Ratios								
Current Ratio	3.9	3.1	3.6	5.7	6.9	5.6	5.7	5.8
Debt to Equity	0.9	0.9	0.8	0.7	0.7	0.8	0.8	0.8
Days Sales in Accounts Receivable	39.0	41.0	39.7	39.7	39.7	39.7	39.7	39.7
Months Operating Expenses in Unrestricted Cash	3.4	4.7	6.0	6.4	6.4	6.7	6.5	6.6
Debt Coverage Ratio	3.3	2.1	2.0	1.9	4.6	8.7	1.8	1.6

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY 2024 RS LINE ITEM HB1 2024 RS LINE ITEM - STATE

Reviewer CPBOC Date KIA Grant Number WRIS Number Natalie Lile April 28, 2025 24KGS136 SX21229013

GRANTEE

SPRINGFIELD WATER AND SEWER COMMISSION WASHINGTON COUNTY

BRIEF DESCRIPTION

The proposed project will expand the Springfield WWTP by adding a planned Sequencing Batch Reactor (SBR). The community needs to expand capacity more quickly than planned due to recent industrial and residential development. The Project will allow the plant to increase its capacity from 1.3 mgd up to 1.7 million gallons per day and meet peak flow demands. Additionally, the applicant will seek to rehab approximately 4,500 l.f. of 8" collection lines in the Maplewood Ave. area to eliminate known sources of l&l contributing to excess treatment.

The addition of the influent and fine bubbler diffusion grid on the existing 3 basins will allow expanded treatment of the existing, in-place infrastructure. The addition of this will prepare Springfield for the growing demand for wastewater treatment due to the increasing industrial interest in the area and, put the current Sequencing Batch Reactors 90% of the way to the latest technology of treatment via the TruDense system for the future.

PROJECT FINANCING		PROJECT BUDGET	RD Fee %	Actual %	
2024 HB1 Line Item - Sewer Grant - 24KGS136 A24-016S TOTAL	\$1,500,000 2,623,000 - - - \$4,123,000	Administrative Expenses Legal Expenses Planning Eng - Design / Const Eng - Insp Construction Contingency TOTAL	7.0% 3.8%	5.6% 3.9% -	\$1,000 1,000 210,000 145,000 3,550,000 215,000 \$4,123,000
PROFESSIONAL SERVICES	Engineer	Jonathan Walton			ψ 1 ,120,000
PROJECT SCHEDULE	Bid Opening Construction Start Construction Stop	May 28, 2025 July 30, 2025 December 30, 2026			
RESIDENTIAL RATES	Current	<u>Users</u> 1,443 \$	<u>Avg. Bill</u> 52.99	(for 4,000 g	allons)
REGIONAL COORDINATION	This project is consist	ent with regional planning re	commendations	S.	
Allocation Source	Appropriation Amount	Project Amount			
HB 1 - 2024 RS Line Item	1,500,000 Total	\$ 1,500,000.00\$ 1,500,000.00			
Notes:					