



**Andy Beshear**  
GOVERNOR

**FINANCE AND ADMINISTRATION CABINET  
OFFICE OF THE CONTROLLER  
OFFICE OF FINANCIAL MANAGEMENT**

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Frankfort, Kentucky 40622  
Phone: (502) 564-2924

**Holly M. Johnson**  
SECRETARY

**L. Joe McDaniel**  
CONTROLLER

**Chelsey Couch**  
EXECUTIVE DIRECTOR

September 12, 2024

The Honorable Senator Rick Girdler, Co-Chair  
The Honorable Representative Deanna Frazier Gordon, Co-Chair  
Capital Projects and Bond Oversight Committee  
Legislative Research Commission  
Capitol Annex Building  
Frankfort, Kentucky 40601

Dear Senator Girdler and Representative Frazier Gordon:

Listed below is information regarding various projects and reports that will be presented to the Capital Projects and Bond Oversight (“CPBO”) Committee at the September meeting.

The Kentucky Infrastructure Authority (“KIA”) will present the following loans for the Committee’s approval:

<u>Fund A Loan</u>	
City of Lebanon	\$6,372,500
Paducah McCracken Joint Sewer Agency	\$15,366,000
<u>Fund B Loan</u>	
Western Pulaski County Water District	\$555,000
<u>Fund F Loan</u>	
City of Paris	\$310,545

The KIA will present Cleaner Water Program grants for both water and sewer for approval. A detailed list of projects can be found starting on page four.

*Senator Girdler*  
*Representative Frazier Gordon*  
*September 12, 2024*  
*Page 2*

The Cabinet for Economic Development will present one (1) Economic Development Fund (“EDF”) grant for the Committee’s approval:

EDF grant to the Ohio County Fiscal Court on behalf of the Green River Regional Industrial Development Authority, Inc.	\$222,500
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The Office of Financial Management will present one (1) informational item for the Committee’s review:

Kentucky Housing Corporation Tax-Exempt Single Family Mortgage Revenue Bonds, 2024 Series E	\$75,000,000*
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\*Estimated

The School Facilities Construction Commission is submitting the following additional information for the Committee’s approval:

Walton-Verona Independent	\$2,000,000*
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\*Estimated

An OFM staff member will attend the CPBO meeting to answer any questions regarding this information. Please contact me if there are any questions or should your staff require additional information.

Sincerely,

Signed by:  
  
929AB5D1C38C498...  
Chelsey Couch  
Executive Director

Attachment

**Kentucky Infrastructure Authority  
Projects for September 2024  
Capital Projects and Bond Oversight Committee**

▪ **Fund A Loan**

<u>Loan #</u>	<u>Borrower</u>	<u>Amount Requested</u>	<u>Amount Loan Total</u>	<u>County</u>
A24-001	City of Lebanon	\$ 6,372,500	\$ 6,372,500	Marion
A24-023	Paducah McCracken Joint Sewer Agency	\$ 15,366,000	\$ 15,366,000	McCracken

▪ **Fund B Loan**

<u>Loan #</u>	<u>Borrower</u>	<u>Amount Requested</u>	<u>Amount Loan Total</u>	<u>County</u>
B22-004	Western Pulaski County Water District (Increase)	\$ 555,000	\$ 5,055,000	Pulaski

▪ **Fund F Loan**

<u>Loan #</u>	<u>Borrower</u>	<u>Amount Requested</u>	<u>Amount Loan Total</u>	<u>County</u>
F22-019	City of Paris (Director Level Increase)	\$ 310,545	\$ 4,085,545	Bourbon

**2021 Cleaner Water Program Grants - Sewer**

Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
21CWS021	Winchester Municipal Utilities Commission	WMU - Flanagan and Madison Outfall Sewers	\$ 500,000.00	Clark	Supplemental
21CWS054	Louisville and Jefferson County MSD	Paddy's Run Flood Pumping Station - Capacity Improvements	\$ 1,324,397.00	Jefferson	Supplemental
21CWS113	City of Middlesboro	Middlesboro Main Sewage LS Rehab	\$ 44,684.00	Bell	County - R
21CWS120	City of Waverly	Waverly Main Lift Station Upgrades	\$ 1,903.00	Union	County - R
21CWS135	Sanitation District #1 of Northern Kentucky	Lakeview EQ	\$ 513,318.00	Kenton	Supplemental
21CWS153	City of Sturgis	Sturgis Wastewater Treatment Plant Upgrade	\$ 142,278.00	Union	County - R
21CWS154	City of Smithland	Smithland CW WWTP Improvements	\$ 187,330.00	Livingston	County - R
21CWS155	Shelbyville Municipal Water & Sewer Commission	Shelbyville 30-Inch Gravity Sewer - Phase II	\$ 175,000.00	Shelby	County - R

**2021 Cleaner Water Program Grants - Water**

Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
21CWW029	City of Olive Hill	Olive Hill Leak Detection and Repair	\$ 32,512.00	Carter	Supplemental
21CWW037	Winchester Municipal Utilities Commission	WMU - KY River Intake Emergency Power & Reservoir Interconnection	\$ 38,180.00	Clark	Supplemental
21CWW051	Edmonson County Water District	Pump Station Improvements	\$ 44,622.00	Edmonson	Supplemental
21CWW080	Edmonson County Water District	ECWD - Hart County Service Improvements	\$ 34,227.00	Hart	Supplemental
21CWW105	Northern Kentucky Water District	Emergency Power Generation for Taylor Mill Water Treatment Plant and Fort Thomas Treat	\$ 100,000.00	Kenton	Supplemental
21CWW153	Green-Taylor Water District	Rockland Mills Rd Water Line Extension	\$ 41,060.00	Metcalfe	Unserviced/Consent Decree - R
21CWW229	Knott County Water & Sewer District	Waterline Extensions (Last Mile) and WTP Improvement Project	\$ 75,000.00	Knott	County - R
21CWW242	Edmonson County Water District	Edmonson Co. WD Grayson Improvements	\$ 135,008.00	Grayson	Supplemental
21CWW281	Crittenden-Livingston County Water District	CLWD - Line Extensions (Crittenden)	\$ 165,000.00	Crittenden	Supplemental
21CWW285	Northern Kentucky Water District	NKWD - Kenton County Unserviced Water Project 2013 (Subdistrict O)	\$ 100,000.00	Kenton	Supplemental
21CWW291	City of Edmonton	Gordon Branch Road Water Line Extension	\$ 14,360.00	Metcalfe	County - R
21CWW327	Princeton Water & Wastewater Commission	Princeton - Linton Hill Emergency Standby Generator	\$ 30,925.00	Caldwell	Supplemental
21CWW348	City of South Shore	South Shore Scaffold-Firebrick Water Extension Project	\$ 276,000.00	Lewis	Supplemental
21CWW361	Ohio County Water District	Ohio County Water District Unserviced Population Waterline Project	\$ 750,000.00	Ohio	Unserviced/Consent Decree - R
21CWW362	City of Whitesville	Melba Lane Waterline Extension	\$ 100,000.00	Daviess	Unserviced/Consent Decree - R
21CWW363	Pineville Utility Commission	Smith Hill Waterline Extension	\$ 195,000.00	Bell	Unserviced/Consent Decree - R
21CWW363	Pineville Utility Commission	Smith Hill Waterline Extension	\$ 25,483.20	Bell	County - R
21CWW364	Warren County Water District	Rockfield Capacity Improvements	\$ 360,372.00	Warren	County - R
21CWW365	Owensboro Municipal Utilities	OMU Replacement Drinking Water Well Construction	\$ 17,939.68	Daviess	County - R
21CWW366	City of Albany	Albany - Water Treatment Plant A and B Backup Generators	\$ 215,267.00	Clinton	County - R
21CWW367	Martin County Water District	Water System Improvements Telemetry Project	\$ 78,315.78	Martin	County - R

**2022 Cleaner Water Program Grants - Sewer**

Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
22CWS005	City of Irvine	IMU - Kelly Pump Station Force Main Replacement	\$ 17,113.00	Estill	Supplemental
22CWS042	Boyd County Sanitation District #4	Camps Landing Pump Station Rehab	\$ 85,000.00	Boyd	Supplemental
22CWS066	Louisville and Jefferson County MSD	Hunters Hollow Pump Station & Force Main Project	\$ 1,159,144.00	Bullitt	Supplemental
22CWS074	Louisville and Jefferson County MSD	South Fork Beargrass Creek Dry Bed - Dry Bed Capacity Restoration	\$ 613,020.00	Jefferson	County - R
22CWS076	Louisville and Jefferson County MSD	Ash Avenue Interceptor	\$ 173,834.00	Oldham	Supplemental
22CWS089	City of Burkesville	Burkesville Potter Home Lift Station Improvements	\$ 27,960.00	Cumberland	Supplemental
22CWS091	City of Burnside	Sewer Extension Project to New Burnside Elementary School	\$ 360,000.00	Pulaski	Supplemental
22CWS096	Sanitation District #1 of Northern Kentucky	Northern Boone County Gravity - Phase IAI	\$ 150,000.00	Boone	Supplemental
22CWS127	Paducah McCracken County Joint Sewer Agency	Paducah JSA - Sanitary Main Rehabilitation FY 2024	\$ 14,540.00	McCracken	County - R
22CWS130	City of Richmond	Richmond Irvine Road Outfall Sewer	\$ 349,916.00	Madison	Supplemental
22CWS154	City of Benton	Lift Station Rehabilitation Part 1	\$ 105,187.00	Marshall	Supplemental
22CWS158	oldham County Fiscal Court	Lakeview EQ	\$ 1,026,974.00	Kenton	Supplemental
22CWS172	Lincoln County Sanitation District	Lincoln County Sanitation District Phase 3 Us 127 Corridor Sani	\$ 36,017.00	Lincoln	Supplemental
22CWS176	City of Cadiz	Cadiz Sewer System Improvements	\$ 283,340.00	Trigg	County - R
22CWS177	City of Middlesboro	Winchester Ave (KY 2079) Sewer Replacement	\$ 384,949.00	Bell	County - R
22CWS178	City of Middlesboro	Middlesboro SSES & Flow Monitoring	\$ 130,000.00	Bell	County - R
22CWS179	Oldham County Fiscal Court	Clovercoft, Ashebrooke & Confederate Estates Stormwater Project	\$ 274,486.00	Oldham	County - R
22CWS180	City of Science Hill	W. Frog Hollow Sewer Extension	\$ 290,000.00	Pulaski	County - R
22CWS181	Shelbyville Municipal Water & Sewer Commission	Shelbyville 30-Inch Gravity Sewer - Phase II	\$ 210,043.75	Shelby	County - R
22CWS182	Louisville and Jefferson County MSD	Paddy's Run Flood Pumping Station - Capacity Improvements	\$ 2,440,316.00	Jefferson	County - R
22CWS183	City of Edmonton	WWTP Wet Weather Retention Improvements - Phase I	\$ 200,000.00	Metcalfe	County - R
22CWS184	City of Smithland	Smithland CW WWTP Improvements	\$ 114,000.00	Livingston	County - R
22CWS185	City of Hickman	I&I System Evaluation & Remediation	\$ 197,876.00	Fulton	County - R

**2022 Cleaner Water Program Grants - Water**

Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
22CWW015	Jessamine County Water District #1	JCWD #1 - Sussex/Turkey Curve/Ashgrove Water Line Upgrade	\$ 241,419.00	Jessamine	County - R
22CWW036	Warren County Water District	Alvaton Capacity Improvements	\$ 286,720.00	Warren	County - R
22CWW056	Edmonson County Water District	HWY 88 Pump Station Installation	\$ 15,721.00	Hart	Supplemental
22CWW068	Mountain Water District	Peach Orchard Water Line Extension	\$ 31,300.00	Pike	Supplemental
22CWW074	Western Mason Water District	Tank Rehab & Generator Project	\$ 38,816.00	Mason	Supplemental
22CWW097	Elliott County Fiscal Court	Big Stone Road Water Main Extension	\$ 5,000.00	Elliott	Supplemental
22CWW132	City of Whitesville	Morgantown Road Water Line Loop	\$ 142,970.00	Daviess	County - R
22CWW136	Daviess County Water District	Wing Avenue - Wimsatt Court Waterline Upgrade	\$ 122,500.00	Daviess	County - R
22CWW140	Owensboro Municipal Utilities	OMU Replacement Drinking Water Well Construction	\$ 37,857.00	Daviess	County - R
22CWW143	Daviess County Fiscal Court	Daviess County Fiscal Court Hydrants Project	\$ 259,746.00	Daviess	County - R
22CWW222	Northern Kentucky Water District	NKWD - Unserved Campbell County Customers - Subdistrict HB	\$ 360,000.00	Campbell	Supplemental
22CWW223	Northern Kentucky Water District	Water Main Replacement – Newport and The Ovation	\$ 340,387.00	Campbell	Supplemental
22CWW226	Todd County Water District	TCWD - Water Meter Enhancement Project-Cellular Endpoints	\$ 100,000.00	Todd	Supplemental
22CWW250	North Hopkins Water District	NHWD - Leak Detection Study	\$ 11,150.00	Hopkins	County - R
22CWW300	Laurel County Water District #2	Fariston Road Area Water System Improvements	\$ 157,317.00	Laurel	Supplemental
22CWW304	Rockcastle County Fiscal Court	Bloss Road Waterline Extension	\$ 55,500.00	Rockcastle	Supplemental
22CWW315	Edmonson County Water District	Edmonson Co. WD Grayson Improvements #2	\$ 27,400.00	Grayson	Supplemental
22CWW347	City of Lewisport	City of Lewisport New Water Treatment Plant	\$ 10,000.00	Hancock	County - R
22CWW362	South Eastern Water Association Inc	2023 Various Waterline Upgrades	\$ 41,620.00	Pulaski	Supplemental
22CWW365	East Daviess County Water Association Inc	Knottsville Tank Rehab	\$ 4,729.89	Daviess	Supplemental - R
22CWW379	Lawrence County Fiscal Court	Lawrence County Line Extensions Phase 2	\$ 55,000.00	Lawrence	County - R
22CWW379	Lawrence County Fiscal Court	Lawrence County Line Extensions Phase 2	\$ 236,000.00	Lawrence	Supplemental
22CWW380	City of Albany	Albany - Water Treatment Plant A and B Backup Generators	\$ 562,071.00	Clinton	County - R
22CWW381	Pineville Utility Commission	Smith Hill Waterline Extension	\$ 17,923.00	Bell	County - R
22CWW382	Daviess County Water District	Wimsatt Court Fire Protection Upgrade	\$ 108,737.00	Daviess	County - R
22CWW383	City of Whitesville	Melba Lane Waterline Extension	\$ 154,250.00	Daviess	County - R
22CWW384	City of Whitesville	Ward Road Water Line Upgrade	\$ 4,020.00	Daviess	County - R
22CWW385	City of Crab Orchard	City of Crab Orchard - Radio Read Conversion Project	\$ 300,000.00	Lincoln	County - R
22CWWTBD	Hardin County Water District #2	HCWD #2 New Elevated Tank	\$ 50,273.95	Hardin	County - R

**2022 HB1 RS LINE ITEM Grants (Federal) - Water**

Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
22KFW012	Hardin County Water District #2	HCWD #2 New Elevated Tank	\$ 3,700,000.00	Hardin	HB1-2022 RS Line Item - R

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>FUND A, FEDERALLY ASSISTED WASTEWATER</b> <b>REVOLVING LOAN FUND</b>		Reviewer Date KIA Loan Number WRIS Number	John Brady September 5, 2024 A24-001 SX21155013	
BORROWER	CITY OF LEBANON MARION COUNTY			
BRIEF DESCRIPTION				
The City of Lebanon is requesting a Fund A loan in the amount of \$6,372,500 for the 2022 Wastewater System Improvements project. The project includes upgrades and equipment replacement at the Wastewater Treatment Plant (WWTP) that will increase capacity from 3.75 million gallons per day (mgd) to 4.5 mgd. Improvements at the WWTP include a grit removal system, two new and two refurbished energy efficient influent pumps, repairs to the existing oxidation ditch, and associated electrical components. The project also consists of extending the gravity main in the Rosewood subdivision, rehabilitation of a pump station, replacing gravity sewer and manholes identified in an ongoing study by the City, and increasing the force main near Walmart from 6" to 8". The overall project will provide the necessary capacity for the system and reduce storm sewer overflows.				
PROJECT FINANCING		PROJECT BUDGET		
Fund A Loan	\$6,372,500	Administrative Expenses	\$20,000	
Local	10,000	Legal Expenses	10,000	
		Land, Easements	10,000	
		Planning	75,000	
		Eng - Design / Const	339,000	
		Eng - Insp	226,000	
		Eng - Other	180,000	
		Construction	5,020,500	
		Contingency	502,000	
TOTAL	<u>\$6,382,500</u>	TOTAL	<u>\$6,382,500</u>	
REPAYMENT	Rate Term	0.50% 30 Years	Est. Annual Payment 1st Payment 6 Mo. after first draw \$181,218	
PROFESSIONAL SERVICES	Engineer Bond Counsel	Kentucky Engineering Group Dinsmore & Shohl, LLP		
PROJECT SCHEDULE	Bid Opening Construction Start Construction Stop	Sep-25 Nov-25 May-26		
DEBT PER CUSTOMER	Existing Proposed	\$32 \$5,113		
OTHER DEBT	See Attached			
RESIDENTIAL RATES	Current	<u>Users</u> 2,486	<u>Avg. Bill</u> \$24.33 (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 2021	277,649	129,900	147,749	2.1
Audited 2022	153,991	16,351	137,640	9.4
Audited 2023	211,965	16,351	195,614	13.0
Projected 2024	169,161	69,450	99,711	2.4
Projected 2025	417,823	186,835	230,987	2.2
Projected 2026	489,732	340,518	149,213	1.4
Projected 2027	647,171	521,736	125,434	1.2
Projected 2028	574,947	521,736	53,210	1.1

Reviewer: John Brady  
Date: September 5, 2024  
Loan Number: A24-001

**KENTUCKY INFRASTRUCTURE AUTHORITY  
WASTEWATER REVOLVING LOAN FUND (FUND A)  
CITY OF LEBANON, MARION COUNTY  
PROJECT REVIEW  
SX21155013**

**I. PROJECT DESCRIPTION**

The City of Lebanon is requesting a Fund A loan in the amount of \$6,372,500 for the 2022 Wastewater System Improvements project. The project includes upgrades and equipment replacement at the Wastewater Treatment Plant (WWTP) that will increase capacity from 3.75 million gallons per day (mgd) to 4.5 mgd. Improvements at the WWTP include a grit removal system, two new and two refurbished energy efficient influent pumps, repairs to the existing oxidation ditch, and associated electrical components. The project also consists of extending the gravity main in the Rosewood subdivision, rehabilitation of a pump station, replacing gravity sewer and manholes identified in an ongoing study by the City, and increasing the force main near Walmart from 6" to 8". The overall project will provide the necessary capacity for the system and reduce storm sewer overflows.

The City currently serves 1,944 residential customers and 542 commercial and industrial customers.

**II. PROJECT BUDGET**

	<b>Total</b>
Administrative Expenses	\$ 20,000
Legal Expenses	10,000
Land, Easements	10,000
Planning	75,000
Engineering Fees - Design	271,200
Engineering Fees - Construction	67,800
Engineering Fees - Inspection	226,000
Engineering Fees - Other	180,000
Construction	5,020,500
Contingency	502,000
<b>Total</b>	<b>\$ 6,382,500</b>

**III. PROJECT FUNDING**

	<u>Amount</u>	<u>%</u>
Fund A Loan	\$ 6,372,500	100%
Local	10,000	0%
<b>Total</b>	<b>\$ 6,382,500</b>	<b>100%</b>

**IV. KIA DEBT SERVICE**

Construction Loan	\$ 6,372,500
Less: Principal Forgiveness	<u>1,657,882</u>
Amortized Loan Amount	\$ 4,714,618
Interest Rate	0.50%
Loan Term (Years)	<u>30</u>
Estimated Annual Debt Service	\$ 169,431
Administrative Fee (0.25%)	<u>11,787</u>
<b>Total Estimated Annual Debt Service</b>	<b>\$ 181,218</b>

**V. PROJECT SCHEDULE**

Bid Opening:	September 2025
Construction Start:	November 2025
Construction Stop:	May 2026

**VI. CUSTOMER COMPOSITION AND RATE STRUCTURE**

**A) Customers**

<u>Customers</u>	<u>Current</u>
Residential	1,944
Commercial	505
Industrial	<u>37</u>
Total	2,486



**B) Rates**

	<u>Current</u>	<u>Prior</u>
Date of Last Rate Increase	05/15/24	12/01/95
Minimum Bill	\$12.16	\$11.06
Per 100 Cubic Feet	6.09	4.14
Cost for 4,000 gallons	\$24.33	\$22.12
Increase %	10.0%	
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 6,484 with a Median Household Income (MHI) of \$37,636. The MHI for the Commonwealth is \$60,183. The loan will qualify for a 0.50% interest rate.

**VIII. 2023 CAPITALIZATION GRANT EQUIVALENCIES**

- 1) Green Project Reserve - This project qualifies for \$2,315,000 in Green Project Reserve funding. The majority of the green components qualify under the energy efficiency category.
- 2) Additional Subsidization – This project qualifies for additional subsidization. Principal forgiveness of 26% of the assistance amount, not to exceed \$1,657,882, 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, 2021 through June 30, 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 revenues increased 28.4% from \$1.46 million in 2021 to \$1.87 million in 2023 due to increased usage from Diageo Distillery, a new industrial customer. Operating expenses increased 38.6% from \$1.20 million to \$1.67 million during the same period primarily due to costs associated with system repairs. The debt coverage ratio was 2.1, 9.4, and 13.0 in 2021, 2022, and 2023.

The balance sheet reflects a current ratio of 1.4, a debt-to-equity ratio of 0.4, 75.3 days of sales in accounts receivable, and 1.2 months of operating expenses in unrestricted cash.

**PROJECTIONS**

Projections are based on the following assumptions:

- 1) Sewer revenues will increase 10% in 2025 due to an existing rate increase.
- 2) Sewer revenues will increase \$250,000 annually starting in 2026 due to the development of Pernod Ricard Distillery.
- 3) Sewer revenues will increase \$230,000 annually starting in 2027 to maintain the 1.1 debt coverage ratio requirement.
- 4) Operating expenses will increase 3% annually due to inflation and costs associated with added volume from industrial customers.
- 5) Debt service coverage is 1.2 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 A loan.

**REPLACEMENT RESERVE**

The replacement reserve will be 5% (\$318,000 total) of the final amount borrowed (prior to principal forgiveness) to be funded annually (\$15,900 yearly) each December 1 for 20 years and maintained for the life of the loan.

**X. DEBT OBLIGATIONS**

	<u>Outstanding</u>	<u>Maturity</u>
Capital Lease	\$ 68,625	2024
KIA Loan A23-018S (i.a.o. \$7,660,000)		TBD
<b>Total</b>	<b>\$ 68,625</b>	

**XI. CONTACTS**

<b>Legal Applicant</b>	
Entity Name	City of Lebanon
Authorized Official	Gary Crenshaw (Mayor)
County	Marion
Email	gdcrenshaw@icloud.com
Phone	(270) 692-6272
Address	PO Box 840 Lebanon, KY 40033

<b>Applicant Contact</b>	
Name	Nikki Wheatley
Organization	City of Lebanon
Email	nbalck@lebanonky.org
Phone	(270) 692-6272
Address	PO Box 840 Lebanon, KY 40033

<b>Project Administrator</b>	
Name	Holly Nicholas
Organization	Kentucky Engineering Group
Email	hnicholas@kyengr.com
Phone	(859) 333-9742
Address	PO Box 1034 Versailles, KY 40383

<b>Consulting Engineer</b>	
PE Name	James Thompson
Firm Name	Kentucky Engineering Group
Email	jthompson@kyengr.com
Phone	(859) 251-4127
Address	101 High St Versailles, KY 40383

**XII. RECOMMENDATIONS**

KIA staff recommends approval of the loan with the standard conditions and the following special condition:

The City will pass a resolution demonstrating their intention to increase revenues as necessary to maintain KIA’s required 1.1 debt coverage ratio. KIA staff review indicates that service revenues will need to increase approximately \$230,000, or 12%, by FY2027 to meet the loan requirement.

**CITY OF LEBANON  
FINANCIAL SUMMARY (JUNE YEAR END)**

	<u>Audited</u> <u>2021</u>	<u>Audited</u> <u>2022</u>	<u>Audited</u> <u>2023</u>	<u>Projected</u> <u>2024</u>	<u>Projected</u> <u>2025</u>	<u>Projected</u> <u>2026</u>	<u>Projected</u> <u>2027</u>	<u>Projected</u> <u>2028</u>
<b>Balance Sheet</b>								
<b>Assets</b>								
Current Assets	1,752,618	1,390,088	1,165,090	1,264,794	1,557,681	1,732,694	1,905,829	1,959,039
Other Assets	7,287,716	7,533,356	7,980,468	7,616,368	20,632,593	26,312,818	25,451,231	24,589,643
<b>Total</b>	<b>9,040,334</b>	<b>8,923,444</b>	<b>9,145,558</b>	<b>8,881,162</b>	<b>22,190,274</b>	<b>28,045,512</b>	<b>27,357,059</b>	<b>26,548,682</b>
<b>Liabilities &amp; Equity</b>								
Current Liabilities	163,275	331,232	833,660	747,511	1,031,818	1,191,672	1,194,372	1,197,172
Long Term Liabilities	1,502,882	1,518,581	1,563,334	1,563,334	11,199,589	15,475,346	15,036,485	14,597,624
<b>Total Liabilities</b>	<b>1,666,157</b>	<b>1,849,813</b>	<b>2,396,994</b>	<b>2,310,845</b>	<b>12,231,407</b>	<b>16,667,018</b>	<b>16,230,857</b>	<b>15,794,796</b>
<b>Net Assets</b>	<b>7,374,177</b>	<b>7,073,631</b>	<b>6,748,564</b>	<b>6,570,317</b>	<b>9,958,867</b>	<b>11,378,494</b>	<b>11,126,202</b>	<b>10,753,886</b>
<b>Cash Flow</b>								
Revenues	1,458,852	1,766,956	1,873,700	1,873,700	2,173,906	2,298,906	2,530,178	2,530,178
Operating Expenses	1,203,789	1,624,833	1,668,104	1,718,147	1,769,691	1,822,782	1,896,615	1,968,839
Other Income	22,586	11,868	6,369	13,608	13,608	13,608	13,608	13,608
<b>Cash Flow Before Debt Service</b>	<b>277,649</b>	<b>153,991</b>	<b>211,965</b>	<b>169,161</b>	<b>417,823</b>	<b>489,732</b>	<b>647,171</b>	<b>574,947</b>
<b>Debt Service</b>								
Existing Debt Service	129,900	16,351	16,351	69,450	186,835	340,518	340,518	340,518
Proposed KIA Loan	0	0	0	0	0	0	181,218	181,218
<b>Total Debt Service</b>	<b>129,900</b>	<b>16,351</b>	<b>16,351</b>	<b>69,450</b>	<b>186,835</b>	<b>340,518</b>	<b>521,736</b>	<b>521,736</b>
<b>Cash Flow After Debt Service</b>	<b>147,749</b>	<b>137,640</b>	<b>195,614</b>	<b>99,711</b>	<b>230,987</b>	<b>149,213</b>	<b>125,434</b>	<b>53,210</b>
<b>Ratios</b>								
Current Ratio	10.7	4.2	1.4	1.7	1.5	1.5	1.6	1.6
Debt to Equity	0.2	0.3	0.4	0.4	1.2	1.5	1.5	1.5
Days Sales in Accounts Receivable	68.8	74.7	75.3	75.3	75.3	75.3	75.3	75.3
Months Operating Expenses in Unrestricted Cash	5.8	3.6	1.2	1.9	3.4	4.3	4.9	5.1
Debt Coverage Ratio	2.1	9.4	13.0	2.4	2.2	1.4	1.2	1.1

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady	
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		Date	September 5, 2024	
<b>FUND A, FEDERALLY ASSISTED WASTEWATER</b>		KIA Loan Number	A24-023	
<b>REVOLVING LOAN FUND</b>		WRIS Number	SX21145046	
BORROWER	PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY MCCRACKEN COUNTY			
BRIEF DESCRIPTION				
<p>The Paducah McCracken County Joint Sewer Agency (Paducah JSA) is requesting a Fund A loan in the amount of \$15,366,000 for the Long Term Control Plan (LTCP) Project 3 Phase 2 project. The project is associated with the Outfall 003 located adjacent to the Paducah Wastewater Treatment Plant and will be constructed next to the recently completed 15 MG combined sewer wet weather tank and diversion structure and pump station. This portion of the project will complete installation of the remaining pumps not installed in phase 1 and construct the 56 inch force main to a fine screening facility with two 45 MGD fine screens and related appurtenances. In addition, this phase will also construct a 72 inch gravity line, with capability to serve a future disinfection facility (Project #5 of the LTCP) that will extend through the City of Paducah floodwall, and join with the existing Outfall 003 discharge location outside of the floodwall. The construction of this discharge line will also augment the existing floodwall pumping capacity for this area of the City by approximately 20%, as well as reducing contamination going into the river. All new pumps are energy efficient and ran by VFDs. Combined with Project #5 (disinfection), Outfall 003 will have the capacity to screen and disinfect over 77 MGD of combined sewer overflow. This project is required by the approved LTCP for the Paducah JSA and is necessary to achieve compliance with the Consent Decree 07-CI-1252 related to combined sewers.</p>				
PROJECT FINANCING		PROJECT BUDGET		
Fund A Loan	\$15,366,000	Construction	\$12,700,000	
		Legal Expenses	5,000	
		Land, Easements	5,000	
		Eng - Design / Const	450,000	
		Eng - Insp	200,000	
		Eng - Other	106,000	
		Contingency	1,900,000	
TOTAL	\$15,366,000	TOTAL	\$15,366,000	
REPAYMENT	Rate	1.25%	Est. Annual Payment	\$672,613
	Term	20 Years	1st Payment	6 Mo. after first draw
PROFESSIONAL SERVICES	Engineer	J.R. Wauford & Company		
	Bond Counsel	Dinsmore & Shohl, LLP		
PROJECT SCHEDULE	Bid Opening	Oct-24		
	Construction Start	Mar-25		
	Construction Stop	May-26		
DEBT PER CUSTOMER	Existing	\$1,676		
	Proposed	\$1,943		
OTHER DEBT	See Attached			
RESIDENTIAL RATES	Current	<u>Users</u>	<u>Avg. Bill</u>	
		19,417	\$27.32	(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 2021	5,505,747	2,208,556	3,297,191	2.5
Audited 2022	5,401,365	1,344,156	4,057,209	4.0
Audited 2023	6,056,369	2,435,793	3,620,576	2.5
Projected 2024	6,088,688	2,399,378	3,689,310	2.5
Projected 2025	6,341,424	2,670,673	3,670,751	2.4
Projected 2026	6,236,207	2,622,670	3,613,537	2.4
Projected 2027	6,128,885	3,224,240	2,904,645	1.9
Projected 2028	6,019,417	3,221,040	2,798,377	1.9

Reviewer: John Brady  
Date: September 5, 2023  
Loan Number: A24-023

**KENTUCKY INFRASTRUCTURE AUTHORITY  
WASTEWATER REVOLVING LOAN FUND (FUND A)  
PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY  
PROJECT REVIEW  
SX21145046**

**I. PROJECT DESCRIPTION**

The Paducah McCracken County Joint Sewer Agency (Paducah JSA) is requesting a Fund A loan in the amount of \$15,366,000 for the Long-Term Control Plan (LTCP) Project 3 Phase 2 project. The project is associated with the Outfall 003 located adjacent to the Paducah Wastewater Treatment Plant and will be constructed next to the recently completed 15 MG combined sewer wet weather tank and diversion structure and pump station. This portion of the project will complete installation of the remaining pumps not installed in phase 1 and construct the 56 inch force main to a fine screening facility with two 45 MGD fine screens and related appurtenances. In addition, this phase will also construct a 72-inch gravity line, with capability to serve a future disinfection facility (Project #5 of the LTCP) that will extend through the City of Paducah floodwall, and join with the existing Outfall 003 discharge location outside of the floodwall. The construction of this discharge line will also augment the existing floodwall pumping capacity for this area of the City by approximately 20%, as well as reducing contamination going into the river. All new pumps are energy efficient and ran by VFDs. Combined with Project #5 (disinfection), Outfall 003 will have the capacity to screen and disinfect over 77 MGD of combined sewer overflow. This project is required by the approved LTCP for the Paducah JSA and is necessary to achieve compliance with the Consent Decree 07-CI-1252 related to combined sewers.

The Paducah JSA currently serves 19,417 customers.

**II. PROJECT BUDGET**

	<b><u>Total</u></b>
Construction	\$12,700,000
Legal Expenses/Land	10,000
Engineering Fees - Design	375,000
Engineering Fees - Construction	75,000
Engineering Fees - Inspection	200,000
Engineering Fees - Other	106,000
Contingency	<u>1,900,000</u>
<b>Total</b>	<b>\$15,366,000</b>

**III. PROJECT FUNDING**

	<u>Amount</u>	<u>%</u>
Fund A Loan	\$15,366,000	100%
<b>Total</b>	<b>\$15,366,000</b>	<b>100%</b>

**IV. KIA DEBT SERVICE**

Construction Loan	\$15,366,000
Less: Principal Forgiveness	<u>3,997,649</u>
Amortized Loan Amount	\$11,368,351
Interest Rate	1.25%
Loan Term (Years)	<u>20</u>
Estimated Annual Debt Service	\$ 644,192
Administrative Fee (0.25%)	<u>28,421</u>
<b>Total Estimated Annual Debt Service</b>	<b>\$ 672,613</b>

**V. PROJECT SCHEDULE**

Bid Opening:	October 2024
Construction Start:	March 2025
Construction Stop:	May 2026

**VI. CUSTOMER COMPOSITION AND RATE STRUCTURE**

**A) Customers**

<u>Customers</u>	<u>Current</u>
Residential/Commercial/Industrial	19,417

**B) Rates**

	<u>Current</u>	<u>Prior</u>	<u>Prior</u>
Date of Last Rate Increase	07/01/24	07/01/23	07/01/22
Minimum (first 3,000 gallons)	\$20.49	\$19.83	\$19.26
Each additional 1,000 gallons	<u>6.83</u>	<u>6.61</u>	<u>6.42</u>
Cost for 4,000 gallons	\$27.32	\$26.44	\$25.68
Increase %	3.3%	3.0%	
Affordability Index (Rate/MHI)	0.6%	0.6%	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 37,043 with a Median Household Income (MHI) of \$51,941. The MHI for the Commonwealth is \$60,183. The loan will qualify for a 1.25% interest rate.

## **VIII. 2023 CAPITALIZATION GRANT EQUIVALENCIES**

- 1) Green Project Reserve - This project qualifies for Green Project Reserve funding for \$50,000 under the energy efficiency category.
- 2) Additional Subsidization – This project qualifies for additional subsidization. Principal forgiveness of 26% of the assistance amount, not to exceed \$3,997,649, 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, 2021 through June 30, 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

Sewer revenues increased 9.1 from \$9.60 million in 2021 to \$10.47 million in 2023 due to rate adjustments. Operating expenses increased 12.1% from \$4.51 million to \$5.06 million during the same period due to higher costs of chemicals and system repairs. The debt coverage ratio was 2.5, 4.0, and 2.5 in 2021, 2022, and 2023.

The balance sheet reflects a current ratio of 6.0, a debt-to-equity ratio of 0.6, 20.3 days of sales in accounts receivable, and 8.9 months of operating expenses in unrestricted cash.

### PROJECTIONS

Projections are based on the following assumptions:

- 1) Sewer revenues will increase 3% in 2024 and 3.3% in 2025 due to existing rate increases.
- 2) Operating expenses will increase 2% annually due to inflation.
- 3) Debt service coverage is 1.9 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 A loan.

**REPLACEMENT RESERVE**

The Agency currently has designated reserves of \$3,000,000. The reserves are specifically for high dollar capital equipment purchases, for emergencies, or for rate stabilization in the event of a loss of a substantial revenue stream. No additional reserves will be required.

**X. DEBT OBLIGATIONS**

	<b>Outstanding</b>	<b>Maturity</b>
Series 2014 Bonds	\$ 2,300,000	2032
KIA Loan A03-08	200,406	2026
KIA Loan A04-03	99,209	2025
KIA Loan A08-01	514,012	2029
KIA Loan A09-02	3,357,565	2033
KIA Loan A12-08	4,815,125	2036
KIA Loan A16-072	1,759,969	2039
KIA Loan A17-033	6,123,237	2040
KIA Loan A18-022	221,809	2040
KIA Loan A19-039	3,900,758	2042
KIA Loan A19-044	2,315,318	2042
KIA Loan A20-032	6,888,329	2044
Leases Payable	359,748	2063
<b>Total</b>	<b>\$32,855,485</b>	

**XI. CONTACTS**

<b>Legal Applicant</b>	
Entity Name	Paducah McCracken County Joint Sewer Agency
Authorized Official	John Hodges (General Manager)
County	McCracken
Email	jhodges@jointsewer.com
Phone	(270) 575-0056
Address	621 Northview St Paducah, KY 42001

**Applicant Contact**

Name	Amanda Walker
Organization	Paducah McCracken County Joint Sewer Agency
Email	awalker@jointsewer.com
Phone	(270) 575-0056
Address	621 Northview St Paducah, KY 42001

**Project Administrator**

Name	Josh Webb
Organization	Paducah McCracken County Joint Sewer Agency
Email	jwebb@jointsewer.com
Phone	(270) 575-0056
Address	621 Northview St Paducah, KY 42001

**Consulting Engineer**

PE Name	James Davenport
Firm Name	J.R. Wauford & Company
Email	gregd@jrwauford.com
Phone	(615) 883-3242
Address	PO Box 140350 Nashville, TN 37214

**XII. RECOMMENDATIONS**

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

**PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY  
FINANCIAL SUMMARY (JUNE YEAR END)**

	<u>Audited</u> <u>2021</u>	<u>Audited</u> <u>2022</u>	<u>Audited</u> <u>2023</u>	<u>Projected</u> <u>2024</u>	<u>Projected</u> <u>2025</u>	<u>Projected</u> <u>2026</u>	<u>Projected</u> <u>2027</u>	<u>Projected</u> <u>2028</u>
<b>Balance Sheet</b>								
<b>Assets</b>								
Current Assets	17,344,969	16,035,605	16,841,084	17,596,410	18,350,360	19,073,067	19,653,996	20,213,672
Other Assets	83,359,495	87,480,220	90,820,237	90,903,113	90,971,141	106,359,399	105,430,392	104,416,372
Total	<u>100,704,464</u>	<u>103,515,825</u>	<u>107,661,321</u>	<u>108,499,523</u>	<u>109,321,501</u>	<u>125,432,466</u>	<u>125,084,389</u>	<u>124,630,043</u>
<b>Liabilities &amp; Equity</b>								
Current Liabilities	3,065,661	3,311,341	2,809,293	3,129,912	3,135,977	3,688,022	3,740,081	3,690,673
Long Term Liabilities	34,998,569	35,647,311	37,077,993	34,907,018	32,745,778	41,416,944	38,684,201	36,017,665
Total Liabilities	<u>38,064,230</u>	<u>38,958,652</u>	<u>39,887,286</u>	<u>38,036,930</u>	<u>35,881,755</u>	<u>45,104,966</u>	<u>42,424,281</u>	<u>39,708,338</u>
Net Assets	<u>62,640,234</u>	<u>64,557,173</u>	<u>67,774,035</u>	<u>70,462,593</u>	<u>73,439,746</u>	<u>80,327,500</u>	<u>82,660,107</u>	<u>84,921,705</u>
<b>Cash Flow</b>								
Revenues	9,597,509	9,921,456	10,470,437	10,784,550	11,140,440	11,140,440	11,140,440	11,140,440
Operating Expenses	4,509,511	4,796,476	5,056,583	5,157,715	5,260,869	5,366,086	5,473,408	5,582,876
Other Income	417,749	276,385	642,515	461,853	461,853	461,853	461,853	461,853
Cash Flow Before Debt Service	<u>5,505,747</u>	<u>5,401,365</u>	<u>6,056,369</u>	<u>6,088,688</u>	<u>6,341,424</u>	<u>6,236,207</u>	<u>6,128,885</u>	<u>6,019,417</u>
<b>Debt Service</b>								
Existing Debt Service	2,208,556	1,344,156	2,435,793	2,399,378	2,670,673	2,622,670	2,551,627	2,548,427
Proposed KIA Loan	0	0	0	0	0	0	672,613	672,613
Total Debt Service	<u>2,208,556</u>	<u>1,344,156</u>	<u>2,435,793</u>	<u>2,399,378</u>	<u>2,670,673</u>	<u>2,622,670</u>	<u>3,224,240</u>	<u>3,221,040</u>
Cash Flow After Debt Service	<u>3,297,191</u>	<u>4,057,209</u>	<u>3,620,576</u>	<u>3,689,310</u>	<u>3,670,751</u>	<u>3,613,537</u>	<u>2,904,645</u>	<u>2,798,377</u>
<b>Ratios</b>								
Current Ratio	5.7	4.8	6.0	5.6	5.9	5.2	5.3	5.5
Debt to Equity	0.6	0.6	0.6	0.5	0.5	0.6	0.5	0.5
Days Sales in Accounts Receivable	20.5	20.5	20.3	20.3	20.3	20.3	20.3	20.3
Months Operating Expenses in Unrestricted Cash	18.3	12.9	8.9	10.4	11.9	13.3	14.3	15.2
Debt Coverage Ratio	2.5	4.0	2.5	2.5	2.4	2.4	1.9	1.9

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Sanders	
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		Date	September 5, 2024	
<b>FUND B, INFRASTRUCTURE</b>		KIA Loan Number	B22-004 (Increase)	
<b>REVOLVING LOAN FUND</b>		WRIS Number	WX21199141	
BORROWER	WESTERN PULASKI COUNTY WATER DISTRICT PULASKI COUNTY			
BRIEF DESCRIPTION				
<p>The Western Pulaski County Water District is requesting a Fund B loan increase in the amount of \$555,000 for the Bourbon Water Storage Tank Replacement project. The original loan was approved by the KIA board on July 7, 2022. The increase will bring the total KIA loan amount up to \$5,055,000. No additional work is being funded with the increased funding request. Three competitive bids were received with the base bid reflecting a marked increase in material costs. The overall project will replace an existing 300,000 gallon elevated water storage tank with a new 1,000,000 gallon elevated composite water storage tank. Additionally, 600 LF of 12 inch water main will be installed to connect the new tank to the KY Hwy 914 Bypass water main.</p>				
PROJECT FINANCING		PROJECT BUDGET		
Fund B Loan	\$4,500,000	Administrative Expenses	\$7,500	
Fund B Loan Increase	555,000	Legal Expenses	7,500	
		Eng - Design / Const	307,132	
		Eng - Insp	162,122	
		Eng - Other	15,888	
		Construction	4,094,000	
		Contingency	409,858	
		Other	51,000	
TOTAL	<u>\$5,055,000</u>	TOTAL	<u>\$5,055,000</u>	
REPAYMENT	Rate	1.00%	Est. Annual Payment	\$289,606
	Term	20 Years	1st Payment	6 Mo. after first draw
PROFESSIONAL SERVICES	Engineer	Monarch Engineering Inc.		
	Bond Counsel	Rubin & Hays		
PROJECT SCHEDULE	Bid Opening	Jul-24		
	Construction Start	Jan-25		
	Construction Stop	Mar-26		
DEBT PER CUSTOMER	Existing	\$1,530		
	Proposed	\$1,948		
RESIDENTIAL RATES	Current	<u>Users</u>	<u>Avg. Bill</u>	
		8,950	\$36.51	(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 2021	1,045,714	700,196	345,518	1.5
Audited 2022	707,942	494,340	213,602	1.4
Audited 2023	1,215,014	867,562	347,452	1.4
Projected 2024	1,191,377	704,362	487,015	1.7
Projected 2025	1,377,010	710,564	666,446	1.9
Projected 2026	1,299,601	733,127	566,474	1.8
Projected 2027	1,233,496	877,743	355,753	1.4
Projected 2028	1,166,069	875,880	290,189	1.3

Reviewer: Sandy Sanders  
 Date: Sept. 5, 2024  
 Loan Number: B22-004 Increase

**KENTUCKY INFRASTRUCTURE AUTHORITY  
 INFRASTRUCTURE REVOLVING LOAN FUND (FUND B)  
 WESTERN PULASKI COUNTY WATER DISTRICT, PULASKI COUNTY  
 PROJECT REVIEW  
 WX21199141**

**I. PROJECT DESCRIPTION**

The Western Pulaski County Water District is requesting a Fund B loan increase in the amount of \$555,000 for the Bourbon Water Storage Tank Replacement project. The original loan was approved by the KIA board on July 7, 2022. The increase will bring the total KIA loan amount up to \$5,055,000. No additional work is being funded with the increased funding request. Three competitive bids were received with the base bid reflecting a marked increase in material costs. The overall project will replace an existing 300,000-gallon elevated water storage tank with a new 1,000,000-gallon elevated composite water storage tank. Additionally, 600 LF of 12-inch water main will be installed to connect the new tank to the KY Hwy 914 Bypass water main.

Western Pulaski County Water District serves over 8,900 residential and 27 commercial customers.

**II. PROJECT BUDGET**

	<u>Total</u>
Administrative Expenses	\$ 7,500
Legal Expenses	7,500
Engineering Fees - Design	307,132
Engineering Fees - Inspection	162,122
Engineering Fees - Other	15,888
Construction	4,094,000
Contingency	409,858
Other	51,000
<b>Total</b>	<b>\$ 5,055,000</b>

**III. PROJECT FUNDING**

	<u>Amount</u>	<u>%</u>
Fund B Loan	\$ 4,500,000	89%
Fund B Loan Increase	555,000	11%
<b>Total</b>	<b>\$ 5,055,000</b>	<b>100%</b>

**IV. KIA DEBT SERVICE**

Construction Loan	\$ 5,055,000
Less: Principal Forgiveness	<u>0</u>
Amortized Loan Amount	\$ 5,055,000
Interest Rate	1.00%
Loan Term (Years)	<u>20</u>
Estimated Annual Debt Service	\$ 279,496
Administrative Fee (0.20%)	<u>10,110</u>
<b>Total Estimated Annual Debt Service</b>	<b>\$ 289,606</b>

**V. PROJECT SCHEDULE**

Bid Opening: July 11, 2024  
 Construction Start: January 16, 2025  
 Construction Stop: March 16, 2026

**VI. RATE STRUCTURE**

**A. Customers**

<u>Customers</u>	<u>Current</u>
Residential	8,923
Commercial	27
Industrial	<u>0</u>
Total	8,950

**B. Rates**

<b>WATER</b>	<u>Proposed</u>	<u>Current</u>	<u>Prior</u>
Date of Last Rate Increase	09/27/24	01/25/24	09/27/23
Minimum (2,000 gallons)	\$22.43	\$21.11	\$20.21
Next 1,000 Gallons	<u>8.17</u>	<u>7.70</u>	<u>7.25</u>
Cost for 4,000 gallons	\$38.77	\$36.51	\$34.71
Increase %	6.2%	5.2%	0.4%
Affordability Index (Rate/MHI)	1.1%	1.0%	0.9%

## **VII. DEMOGRAPHICS**

Based on Census data from the American Community Survey 5-Year Estimate 2016-2020, the Utility's service area population was 17,482 with a Median Household Income (MHI) of \$44,149. The MHI for the Commonwealth was \$50,589. The loan will qualify for a 1.0% 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**

Revenues increased 15.3% from \$3.54 million in 2021 to \$4.08 in 2023 while operating expenses increased 16.9% from \$2.66 million to \$3.11 million during the same period primarily due to increased transmission and distribution maintenance expenses as well as salary and pension costs. Consolidated cash flow before debt service averaged \$0.99 million in the 3 audited years. The debt coverage ratio was 1.5, 1.4, and 1.4 in 2021, 2022, and 2023 respectively.

The balance sheet reflects a current ratio of 2.5, a debt-to-equity ratio of 1.6, 40.4 days of sales in accounts receivable, and 6.4 months of operating expenses in unrestricted cash in 2023.

### **PROJECTIONS**

Projections are based on the following assumptions:

- 1) Water revenues increase to the proposed PSC case rate in fiscal years 2024 and 2025.
- 2) Expenses will increase 2% annually due to inflation.
- 3) Debt service coverage is 1.8 in 2026 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 Western Pulaski County 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 \$5,055,000 loan and must receive a Certificate of Public Convenience and Necessity, pursuant to KRS 278.020.

REPLACEMENT RESERVE

The replacement reserve will be 5% (\$252,000 total) of the final amount borrowed to be funded annually (\$12,600 yearly) each December 1 for 20 years and maintained for the life of the loan.

**IX. DEBT OBLIGATIONS**

	<u>Outstanding</u>	<u>Maturity</u>
Series 2002A RD USDA	\$ 628,000	2042
Series 2002B RD USDA	381,000	2042
Series 2010 RD USDA	715,000	2049
Series 2012E Ky RWFC	760,000	2035
Series 2013 RD USDA	1,195,000	2053
Series 2018 RD USDA	2,076,500	2057
KIA B20-004	1,033,760	2041
KIA F16-003	3,032,427	2042
Citizens National Bank	3,873,876	NA
<b>Total</b>	<b>\$13,695,563</b>	

**X. CONTACTS**

<b>Legal Applicant</b>	
Entity Name	Western Pulaski County Water District
Authorized Official	Joel Wilson (Chairman)
County	Pulaski
Email	tamora.vaught@gmail.com
Phone	(606) 679-1569
Address	2128 W Hwy 80 Somerset, KY 42503

<b>Applicant Contact</b>	
Name	Joe McClendon
Organization	Western Pulaski County Water District
Email	joe-mcclendon@hotmail.com
Phone	(606) 679-1569
Address	1059 W Hwy 80 Somerset, KY 42503



**Consulting Engineer/Project Admin**

PE Name	David Bowles
Firm Name	Monarch Engineering Inc.
Email	dbowles@monarchengineering.net
Phone	(502) 839-1310
Address	556 Carlton Dr Lawrenceburg, KY 40342

**XI. RECOMMENDATIONS**

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

**WESTERN PULASKI COUNTY WATER DISTRICT  
FINANCIAL SUMMARY (DECEMBER YEAR END)**

	<u>Audited</u> <u>2021</u>	<u>Audited</u> <u>2022</u>	<u>Audited</u> <u>2023</u>	<u>Projected</u> <u>2024</u>	<u>Projected</u> <u>2025</u>	<u>Projected</u> <u>2026</u>	<u>Projected</u> <u>2027</u>	<u>Projected</u> <u>2028</u>
<b>Balance Sheet</b>								
<b>Assets</b>								
Current Assets	3,005,446	2,230,945	2,574,433	2,835,825	3,529,871	4,096,345	4,452,098	4,742,287
Other Assets	20,052,789	22,078,124	25,359,238	24,771,016	24,182,794	28,535,797	27,833,800	27,131,803
<b>Total</b>	<b>23,058,235</b>	<b>24,309,069</b>	<b>27,933,671</b>	<b>27,606,841</b>	<b>27,712,665</b>	<b>32,632,142</b>	<b>32,285,898</b>	<b>31,874,090</b>
<b>Liabilities &amp; Equity</b>								
Current Liabilities	689,894	1,666,675	1,046,265	1,069,508	964,991	1,231,882	1,244,680	1,280,999
Long Term Liabilities	11,587,333	12,134,589	16,087,076	15,479,735	15,107,817	19,529,208	18,888,101	18,216,075
<b>Total Liabilities</b>	<b>12,277,227</b>	<b>13,801,264</b>	<b>17,133,341</b>	<b>16,549,243</b>	<b>16,072,808</b>	<b>20,761,090</b>	<b>20,132,781</b>	<b>19,497,074</b>
<b>Net Assets</b>	<b>10,781,008</b>	<b>10,507,805</b>	<b>10,800,330</b>	<b>11,057,598</b>	<b>11,639,857</b>	<b>11,871,052</b>	<b>12,153,117</b>	<b>12,377,016</b>
<b>Cash Flow</b>								
Revenues	3,542,581	3,537,999	4,083,161	4,188,656	4,437,827	4,437,827	4,437,827	4,437,827
Operating Expenses	2,663,258	2,989,653	3,114,601	3,188,093	3,251,631	3,329,040	3,395,145	3,462,572
Other Income	166,391	159,596	246,454	190,814	190,814	190,814	190,814	190,814
<b>Cash Flow Before Debt Service</b>	<b>1,045,714</b>	<b>707,942</b>	<b>1,215,014</b>	<b>1,191,377</b>	<b>1,377,010</b>	<b>1,299,601</b>	<b>1,233,496</b>	<b>1,166,069</b>
<b>Debt Service</b>								
Existing Debt Service	700,196	494,340	867,562	704,362	710,564	588,324	588,137	586,274
Proposed KIA Loan	0	0	0	0	0	144,803	289,606	289,606
<b>Total Debt Service</b>	<b>700,196</b>	<b>494,340</b>	<b>867,562</b>	<b>704,362</b>	<b>710,564</b>	<b>733,127</b>	<b>877,743</b>	<b>875,880</b>
<b>Cash Flow After Debt Service</b>	<b>345,518</b>	<b>213,602</b>	<b>347,452</b>	<b>487,015</b>	<b>666,446</b>	<b>566,474</b>	<b>355,753</b>	<b>290,189</b>
<b>Ratios</b>								
Current Ratio	4.4	1.3	2.5	2.7	3.7	3.3	3.6	3.7
Debt to Equity	1.1	1.3	1.6	1.5	1.4	1.7	1.7	1.6
Days Sales in Accounts Receivable	39.6	38.6	40.4	40.4	40.4	40.4	40.4	40.4
Months Operating Expenses in Unrestricted Cash	11.5	6.5	6.4	8.1	10.4	12.2	13.3	14.3
Debt Coverage Ratio	1.5	1.4	1.4	1.7	1.9	1.8	1.4	1.3

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady	
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		Date	September 5, 2024	
<b>FUND F, FEDERALLY ASSISTED DRINKING WATER</b>		KIA Loan Number	F22-019 (Increase)	
<b>REVOLVING LOAN FUND</b>		WRIS Number	WX21017022	
BORROWER	CITY OF PARIS BOURBON COUNTY			
BRIEF DESCRIPTION				
<p>The City of Paris is requesting a Fund F loan increase of \$310,545 for the Water System Improvements project. The original loan was approved by the KIA Board on July 7, 2022 and the first loan increase was approved by the KIA Board on September 7, 2023. The increase will bring the total KIA loan amount up to \$4,085,545. The increase is due to bids coming in higher than estimated. No additional work is being funded. This project will consist of replacing or rehabilitating aging infrastructure within the City's water system and making various improvements at the Water Treatment Plant. Most of the equipment was constructed in 1960 and is still original. Public safety will be improved by replacing chlorine gas disinfection with a much safer alternative in sodium hypochlorite. In the distribution system, the finished water transmission main will be relocated away from existing diesel tanks at the City's power plant. Aging pumps at the WTP will be replaced with energy efficient ones and the SCADA system will also be expanded and upgraded.</p>				
PROJECT FINANCING		PROJECT BUDGET		
Fund F Loan	\$4,085,545	Administrative Expenses	\$16,375	
Local	871,930	Legal Expenses	10,000	
		Planning	20,000	
		Eng - Design / Const	252,000	
		Eng - Insp	140,000	
		Eng - Other	25,000	
		Construction	4,085,545	
		Contingency	408,555	
TOTAL	<u>\$4,957,475</u>	TOTAL	<u>\$4,957,475</u>	
REPAYMENT	Rate	1.00%	Est. Annual Payment	\$236,108
	Term	20 Years	1st Payment	6 Mo. after first draw
PROFESSIONAL SERVICES	Engineer	HMB Professional Engineers, Inc.		
	Bond Counsel	Rubin & Hays		
PROJECT SCHEDULE	Bid Opening	May-24		
	Construction Start	Jul-24		
	Construction Stop	Jul-25		
DEBT PER CUSTOMER	Existing	\$798		
	Proposed	\$1,015		
OTHER DEBT	See Attached			
RESIDENTIAL RATES	Current	<u>Users</u> 5,151	<u>Avg. Bill</u> \$16.60	(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 2021	346,039	388,766	(42,727)	0.9
Audited 2022	458,705	208,656	250,049	2.2
Audited 2023	1,233,084	212,063	1,021,021	5.8
Projected 2024	1,530,986	214,377	1,316,609	7.1
Projected 2025	1,462,044	320,653	1,141,391	4.6
Projected 2026	1,381,523	437,114	944,409	3.2
Projected 2027	1,309,795	557,475	752,320	2.3
Projected 2028	1,236,633	597,626	639,007	2.1

Reviewer: John Brady  
Date: September 5, 2024  
Loan Number: F22-019 Increase

**KENTUCKY INFRASTRUCTURE AUTHORITY  
DRINKING WATER STATE REVOLVING FUND (FUND F)  
CITY OF PARIS, BOURBON COUNTY  
PROJECT REVIEW  
WX21017022**

**I. PROJECT DESCRIPTION**

The City of Paris is requesting a second Fund F loan increase of \$310,545 for the Water System Improvements project. The original loan was approved by the KIA Board on July 7, 2022 and the first loan increase was approved by the KIA Board on September 7, 2023. The increase will bring the total KIA loan amount up to \$4,085,545. The increase is due bids coming in higher than estimated. No additional work is being funded.

This project will consist of replacing or rehabilitating aging infrastructure within the City's water system and making various improvements at the Water Treatment Plant. Most of the equipment was constructed in 1960 and is still original. Public safety will be improved by replacing chlorine gas disinfection with a much safer alternative in sodium hypochlorite. In the distribution system, the finished water transmission main will be relocated away from existing diesel tanks at the City's power plant. Aging pumps at the WTP will be replaced with energy efficient ones and the SCADA system will also be expanded and upgraded.

The City currently serves 4,710 residential customers and 440 commercial customers.

**II. PROJECT BUDGET**

	<b>Total</b>
Administrative Expenses	\$ 16,375
Legal Expenses	10,000
Planning	20,000
Engineering Fees - Design	192,000
Engineering Fees - Construction	60,000
Engineering Fees - Inspection	140,000
Engineering Fees - Other	25,000
Construction	4,085,545
Contingency	408,555
<b>Total</b>	<b>\$ 4,957,475</b>

**III. PROJECT FUNDING**

	<u>Amount</u>	<u>%</u>
Fund F Loan	\$ 4,085,545	82%
<b>Total</b>	<b>\$ 4,957,475</b>	<b>100%</b>

**IV. KIA DEBT SERVICE**

Construction Loan	\$ 4,085,545
Less: Principal Forgiveness	<u>0</u>
Amortized Loan Amount	\$ 4,085,545
Interest Rate	1.00%
Loan Term (Years)	<u>20</u>
Estimated Annual Debt Service	\$ 225,894
Administrative Fee (0.25%)	<u>10,214</u>
<b>Total Estimated Annual Debt Service</b>	<b>\$ 236,108</b>

**V. PROJECT SCHEDULE**

Bid Opening:	May 2024
Construction Start:	July 2024
Construction Stop:	July 2025

**VI. CUSTOMER COMPOSITION AND RATE STRUCTURE**

**A) Customers**

<u>Customers</u>	<u>Current</u>
Residential	4,710
Commercial	440
Wholesale	<u>1</u>
<b>Total</b>	<b>5,151</b>

**B) Rates**

<b>Water</b>	<b>Inside City</b>		
	<u>Current</u>	<u>Prior</u>	<u>Prior</u>
Date of Last Rate Increase	07/01/23	07/01/22	07/01/21
Minimum (2,000 gallons)	\$9.80	\$9.10	\$8.70
Next 8,000 gallons (per 1,000)	<u>3.40</u>	<u>3.34</u>	<u>3.04</u>
Cost for 4,000 gallons	\$16.60	\$15.78	\$14.78
Increase %	5.2%	6.8%	
Affordability Index (Rate/MHI)	0.4%	0.4%	0.4%

<b>Water</b>	<b>Outside City</b>		
	Current	Prior	Prior
Date of Last Rate Increase	07/01/23	07/01/22	07/01/21
Minimum (2,000 gallons)	\$13.72	\$12.74	\$12.18
Next 8,000 gallons (per 1,000)	4.76	4.67	4.25
Cost for 4,000 gallons	\$23.24	\$22.08	\$20.68
Increase %	5.3%	6.8%	
Affordability Index (Rate/MHI)	0.6%	0.6%	0.5%

<b>Sewer</b>	<b>Inside City</b>		
	Current	Prior	Prior
Date of Last Rate Increase	07/01/23	07/01/22	07/01/21
Minimum (2,000 gallons)	\$14.90	\$11.90	\$11.60
Over 2,000 gallons (per 1,000)	5.60	5.82	5.70
Cost for 4,000 gallons	\$26.10	\$23.54	\$23.00
Increase %	10.9%	2.3%	
Affordability Index (Rate/MHI)	0.7%	0.6%	0.6%

<b>Sewer</b>	<b>Outside City</b>		
	Current	Prior	Prior
Date of Last Rate Increase	07/01/23	07/01/22	07/01/21
Minimum (2,000 gallons)	\$16.00	\$12.10	\$11.70
Over 2,000 gallons (per 1,000)	5.60	5.82	5.70
Cost for 4,000 gallons	\$27.20	\$23.74	\$23.10
Increase %	14.6%	2.8%	
Affordability Index (Rate/MHI)	0.7%	0.6%	0.6%

**VII. DEMOGRAPHICS**

Based on current Census data from the American Community Survey 5-Year Estimate 2016-2020, the Utility’s service area population was 12,483 with a Median Household Income (MHI) of \$45,134. The MHI for the Commonwealth was \$50,589. The loan will qualify for a 1.00% interest rate.

**VIII. 2023 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 June 30, 2021 through June 30, 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 revenues increased 32.8% from \$3.45 million in 2021 to \$4.58 million in 2023 due to a series of rate increases. Operating expenses increased 8.3% from \$3.12 million to \$3.38 million during the same period. The debt coverage ratio was 0.9, 2.2, and 5.8 in 2021, 2022, and 2023.

The balance sheet reflects a current ratio of 0.4, a debt-to-equity ratio of 9.0, 56.8 days of sales in accounts receivable, and 1.7 months of operating expenses in unrestricted cash.

### PROJECTIONS

Projections are based on the following assumptions:

- 1) Water revenues will increase 5.2% in 2024 due to an existing rate increase.
- 2) Sewer revenues will increase 10.9% in 2024 due to an existing rate increase.
- 3) Operating expenses will increase 2% annually due to inflation.
- 4) Debt service coverage is 2.3 in 2027 when the first full year of 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% (\$204,000 total) of the final amount borrowed to be funded annually (\$10,200 yearly) each December 1 for 20 years and maintained for the life of the loan.

## X. DEBT OBLIGATIONS

	<u>Outstanding</u>	<u>Maturity</u>
KBC Note	\$ 1,200,829	2032
2014 Revenue Bonds	265,500	2054
2024 Revenue Bonds (i.a.o. \$2,500,000)		TBD
<b>Total</b>	<b>\$ 1,466,329</b>	

## **XI. CONTACTS**

<b>Legal Applicant</b>	
Entity Name	City of Paris
Authorized Official	Johnny Plummer (Mayor)
County	Bourbon
Email	mayorplummer@paris.ky.gov
Phone	(859) 987-2110
Address	525 High St Paris, KY 40361

<b>Applicant Contact</b>	
Name	Chad Smart
Organization	City of Paris
Email	csmart@paris.ky.gov
Phone	(859) 987-2118
Address	525 High St Paris, KY 40361

<b>Project Administrator</b>	
Name	Logan Hart
Organization	Bluegrass ADD
Email	kleverenz@bgadd.org
Phone	(859) 269-8021
Address	699 Perimeter Dr Lexington, KY 40517

<b>Consulting Engineer</b>	
PE Name	Chris Stewart
Firm Name	HMB Professional Engineers, Inc.
Email	castewart@hmbpe.com
Phone	(502) 695-9800
Address	3 HMB Circle Frankfort, KY 40601

## **XII. RECOMMENDATIONS**

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



**CITY OF PARIS  
FINANCIAL SUMMARY (JUNE YEAR END)**

	<u>Audited</u> <u>2021</u>	<u>Audited</u> <u>2022</u>	<u>Audited</u> <u>2023</u>	<u>Projected</u> <u>2024</u>	<u>Projected</u> <u>2025</u>	<u>Projected</u> <u>2026</u>	<u>Projected</u> <u>2027</u>	<u>Projected</u> <u>2028</u>
<b>Balance Sheet</b>								
<b>Assets</b>								
Current Assets	1,726,626	1,983,891	1,925,408	2,245,544	2,473,822	2,662,704	2,813,168	2,940,969
Other Assets	14,167,779	14,303,756	16,176,725	19,041,406	19,265,913	24,166,372	23,955,685	23,654,348
<b>Total</b>	<b>15,894,405</b>	<b>16,287,647</b>	<b>18,102,133</b>	<b>21,286,950</b>	<b>21,739,735</b>	<b>26,829,076</b>	<b>26,768,853</b>	<b>26,595,317</b>
<b>Liabilities &amp; Equity</b>								
Current Liabilities	1,573,949	1,428,972	4,448,626	1,929,689	1,944,475	2,162,950	2,174,809	2,137,124
Long Term Liabilities	10,531,055	10,239,029	11,850,387	11,705,163	11,555,253	15,282,713	14,923,269	14,612,210
<b>Total Liabilities</b>	<b>12,105,004</b>	<b>11,668,001</b>	<b>16,299,013</b>	<b>13,634,852</b>	<b>13,499,728</b>	<b>17,445,663</b>	<b>17,098,078</b>	<b>16,749,334</b>
<b>Net Assets</b>	<b>3,789,401</b>	<b>4,619,646</b>	<b>1,803,120</b>	<b>7,652,098</b>	<b>8,240,007</b>	<b>9,383,413</b>	<b>9,670,775</b>	<b>9,845,984</b>
<b>Cash Flow</b>								
Revenues	3,452,271	3,829,573	4,585,420	4,950,913	4,950,913	4,950,913	4,950,913	4,950,913
Operating Expenses	3,119,228	3,386,172	3,379,530	3,447,121	3,516,063	3,596,584	3,668,312	3,741,474
Other Income	12,996	15,304	27,194	27,194	27,194	27,194	27,194	27,194
<b>Cash Flow Before Debt Service</b>	<b>346,039</b>	<b>458,705</b>	<b>1,233,084</b>	<b>1,530,986</b>	<b>1,462,044</b>	<b>1,381,523</b>	<b>1,309,795</b>	<b>1,236,633</b>
<b>Debt Service</b>								
Existing Debt Service	388,766	208,656	212,063	214,377	320,653	319,060	321,367	597,626
Proposed KIA Loan	0	0	0	0	0	118,054	236,108	236,108
<b>Total Debt Service</b>	<b>388,766</b>	<b>208,656</b>	<b>212,063</b>	<b>214,377</b>	<b>320,653</b>	<b>437,114</b>	<b>557,475</b>	<b>833,734</b>
<b>Cash Flow After Debt Service</b>	<b>(42,727)</b>	<b>250,049</b>	<b>1,021,021</b>	<b>1,316,609</b>	<b>1,141,391</b>	<b>944,409</b>	<b>752,320</b>	<b>639,007</b>
<b>Ratios</b>								
Current Ratio	1.1	1.4	0.4	1.2	1.3	1.2	1.3	1.4
Debt to Equity	3.2	2.5	9.0	1.8	1.6	1.9	1.8	1.7
Days Sales in Accounts Receivable	27.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
Months Operating Expenses in Unrestricted Cash	0.9	1.8	1.7	2.5	3.3	3.8	4.3	4.7
Debt Coverage Ratio	0.9	2.2	5.8	7.1	4.6	3.2	2.3	2.1

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>		Reviewer CPBOC Date KIA Grant Number WRIS Number	Julie Bickers September 26, 2024 21CWS021 SX21049026
GRANTEE	WINCHESTER MUNICIPAL UTILITIES COMMISSION CLARK COUNTY		
BRIEF DESCRIPTION			
Starting at manhole (MH) 12-160A, upsize and replace the existing sewer line downstream to MH 10-2 to eliminate reoccurring overflow at MH 12-73 and MH 9-9. This section of gravity sewer will upsize approximately 7,000 linear feet of 8-18 Inch sewer to 12-24 Inch sewer increasing capacity and eliminating three sanitary sewer overflows at manholes 9-9, 12-73 and 12-160A. In addition, starting at MH 9-45, a 30-inch parallel trunk sewer will be installed to the Strodes Creek WWTP eliminating surcharged manholes and potential future sanitary sewer overflows. This alternate incorporates the Fort Estill pump station discharge into MH 12-160A and accounts for flows from potential development around KY 627 and I-64 interchange. This project will include stream restoration along Strodes Creek. The project is still in the design phase so these details have not been worked out yet but will be provided at a later date.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS021	\$5,000,000	Administrative Expenses	\$15,000
CWP Supplemental Pool-Increase	500,000	Legal Expenses	15,000
CWP Grant 22CWS003	1,898,340	Eng - Design / Const	6.5% 3.6% 260,000
Other Funding	181,383	Eng - Insp	3.2% 1.7% 120,000
		Eng - Other	20,000
		Construction	6,099,262
		Contingency	1,050,461
TOTAL	\$7,579,723	TOTAL	\$7,579,723
PROFESSIONAL SERVICES	Engineer	Bell Engineering	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 12,206	<u>Avg. Bill</u> \$ 49.50 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
Consent Decree Pool		\$ 5,000,000.00	
Supplemental Pool		\$ 500,000.00	
	Total	\$ 5,500,000.00	
Notes:			
Prior Approval:			
Consent Decree Pool		\$ 5,000,000	April 19, 2022
Supplemental Pool	Supplemental Increase	\$ 500,000	Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS054
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21111024
GRANTEE	LOUISVILLE AND JEFFERSON COUNTY MSD JEFFERSON COUNTY		
BRIEF DESCRIPTION			
<p>This project will construct a new flood pumping station that shall provide a total estimated pumping capacity of 1,900 MGD. The project will include six new flood pumps, motors, trash rack, and discharge pipes (3,062 LF of 90-in PVC) . This project will also install all necessary SCADA, electrical, and mechanical components to operate the new flood pumps, in addition to the required aesthetic, plumbing, and HVAC equipment. This project is currently planned to be completed using a progressive design-build project delivery approach. This project will also be multi-year, with an anticipated completion date in December 2026. The existing FPS will be decommissioned, and the new pump station will incorporate new energy efficient pumps and motors, lighting, VFD controllers, and a SCADA system. It was assumed that the power and energy savings would be seen over a 20-year timeframe and the total energy saved by implementing energy efficient motors and pumps, SCADA systems, and VFD controllers would be 15%. This project has received \$13 million in Cleaner Waters Grants and has also been selected to receive \$1.19 million dollars in emerging contaminants forgivable loan dollars in the FY23 SRF intended use plan. The emerging contaminants that this project will help to prevent is PFAS. With the protection of a site known as Rubbertown because of the many major industrial plants in the area including Borden Chemical, DuPont Dow Eastomers, Noveon, DowChemical, and Zeon Chemicals, these volatile chemicals will be protected from contaminating the Ohio River. The attached environmental impact memo describes how this project meets the emerging contaminants requirements. Louisville MSD's cybersecurity program is comprehensive and covers many different aspects including network boundary protection, endpoint protection, firewalls, intrusion detection/prevention, access control, training and awareness, and other information security measures. This level of protection is critical to protect MSD's cyber infrastructure involved in this project, such as the implementation of SCADA systems and VFD controllers.</p>			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Sewer Grant - 21CWS054	\$13,243,974	Administrative Expenses	\$11,096,295
CWP Supplemental Pool-Increase	1,324,397	Eng - Design / Const	0.0% 1.1% 2,143,666
CWP Grant 22CWS182	2,440,316	Eng - Insp	0.0% 3.7% 7,138,241
KIA Loan A23-007	54,006,047	Eng - Other	1,680,000
KIA Loan A23-007E	3,663,180	Construction	174,557,979
Local	166,740,678	Equipment	27,164,320
		Contingency	17,248,091
		Other	390,000
TOTAL	\$241,418,592	TOTAL	\$241,418,592
PROFESSIONAL SERVICES	Engineer	HDR Engineering	
PROJECT SCHEDULE	Bid Opening	December 1, 2022	
	Construction Start	February 1, 2023	
	Construction Stop	December 31, 2026	
RESIDENTIAL RATES	Current	<u>Users</u> 133,588	<u>Avg. Bill</u> \$ 61.73 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Jefferson County	\$ 7,039,997.00	
Consent Decree Pool		\$ 5,000,000.00	
Supplemental Pool		\$ 2,528,374.00	
	Total	\$ 14,568,371.00	
Notes:			
Prior Approval:			
County Allocation Pool	Jefferson	\$ 7,039,997	April 13, 2022
Consent Decree Pool		\$ 5,000,000	April 13, 2022
Supplemental Pool	Supplemental Increase	\$ 1,203,977	July 31, 2023
Supplemental Pool	Supplemental Increase	\$ 1,324,397	Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>		Reviewer CPBOC Date KIA Grant Number WRIS Number	Julie Bickers September 26, 2024 21CWS113 SX21013009
GRANTEE	MIDDLESBORO, CITY OF BELL COUNTY		
BRIEF DESCRIPTION The City of Middlesboro proposes to replace the bar screen at the Main Sewage Lift Station, which directly feeds the WWTP.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee %    Actual %
CWP - Sewer Grant - 21CWS113	\$170,752	Legal Expenses	\$2,500
CWP Supplemental Increase	44,684	Planning	4,000
CWP Grant 22CWS134	119,048	Eng - Design / Const	9.6%    4.8%    40,000
ARC	450,000	Eng - Insp	6.5%    3.6%    30,000
Local Funds	119,074	Construction	766,758
		Contingency	60,300
<b>TOTAL</b>	<b>\$903,558</b>	<b>TOTAL</b>	<b>\$903,558</b>
PROFESSIONAL SERVICES	Engineer	Vaughn & Melton Consulting Engineers, Inc	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 4,921	<u>Avg. Bill</u> \$ 12.92 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Bell County	\$ 215,435.50	
	Total	\$ 215,435.50	
Notes:			
Prior Approval:			
County Allocation Pool	Bell	\$ 170,752	July 21, 2022
County Allocation Pool	Reallocation	\$ 44,684	Pending Approval September 26, 2024
This grant is being allocated additional funds through the reallocation of a previously approved grant. Previous Grantee: City of Middlesboro Previous Grant #21CWS133 Previous Project: Middlesboro WWTP Improvements - Phase 2 Previous WRIS #SX21013015 Prior Approval Date: May 23, 2023			

**EXECUTIVE SUMMARY**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**DRINKING WATER AND WASTEWATER GRANT PROGRAM**  
**CLEANER WATER PROGRAM GRANT**

Reviewer Julie Bickers  
 CPBOC Date September 26, 2024  
 KIA Grant Number 21CWS120  
 WRIS Number SX21225038

GRANTEE WAVERLY, CITY OF  
 UNION COUNTY

**BRIEF DESCRIPTION**

This project seeks to make upgrades to the Waverly Main Lift Station. These upgrades will include replacing the air releases, inspecting the two pumps, and buying materials and replacing those pumps if they need to be replaced.

PROJECT FINANCING		PROJECT BUDGET	RD Fee %	Actual %
CWP - Sewer Grant - 21CWS120	\$29,452	Equipment		31,355
CWP Supplemental Increase	1,903			
<b>TOTAL</b>	<b>\$31,355</b>	<b>TOTAL</b>		<b>\$31,355</b>

PROFESSIONAL SERVICES Engineer NA

PROJECT SCHEDULE Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES Current Users 149 Avg. Bill \$ 49.59 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Union County	\$ 31,355.00	
	Total	\$ 31,355.00	

**Notes:**

Prior Approval:  
 County Allocation Pool Union \$ 29,452 July 21, 2022  
 County Allocation Pool Reallocation \$ 1,903 Pending Approval September 26, 2024

This grant is being allocated additional funds through the reallocation of remaining funds from a previously approved grant.  
 Previous Grantee: City of Waverly  
 Previous Grant #21CWS099  
 Previous Project: Waverly Lift Station #2 Rebuild Project  
 Previous WRIS #SX21225037  
 Prior Approval Date: March 17, 2022

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer	Julie Bickers
	CPBOC Date	September 26, 2024
	KIA Grant Number	21CWS135
	WRIS Number	SX21117007

GRANTEE	SANITATION DISTRICT #1 OF NORTHERN KENTUCKY KENTON COUNTY
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**BRIEF DESCRIPTION**  
This project involves the construction of a 10.5 MG EQ tank and a PS, and approximately 2,200 LF of 20" pipe.

PROJECT FINANCING		PROJECT BUDGET			RD Fee %	Actual %
CWP - Sewer Grant - 21CWS135	\$5,133,176	Administrative Expenses				\$347,441
CWP Supplemental Pool-Increase	513,318	Land, Easements				50,000
CWP Grant 22CWS158	11,296,713	Planning				52,681
Local Funds	12,970,696	Eng - Design / Const	0.0%	1.3%		367,301
		Eng - Insp	0.0%	1.1%		303,550
		Construction				26,142,000
		Contingency				2,650,930
<b>TOTAL</b>	<b>\$29,913,903</b>	<b>TOTAL</b>				<b>\$29,913,903</b>

PROFESSIONAL SERVICES	Engineer	Tetra Tech Inc
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PROJECT SCHEDULE	Bid Opening	TBD
	Construction Start	TBD
	Construction Stop	TBD

RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	107,393	\$ 42.75 (for 4,000 gallons)

**REGIONAL COORDINATION** This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Kenton County	\$ 5,133,176.00		
Supplemental Pool		\$ 513,318.00		
	<b>Total</b>	<b>\$ 5,646,494.00</b>		

**Notes:**

Prior Approval:				
County Allocation Pool	Reallocation	\$	2,133,176	September 27, 2023
County Allocation Pool	Reallocation	\$	1,000,000	September 27, 2023
County Allocation Pool	Reallocation	\$	2,000,000	September 27, 2023
Supplemental Pool	Supplemental Increase	\$	513,318	Pending Approval September 26, 2024

**EXECUTIVE SUMMARY**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**DRINKING WATER AND WASTEWATER GRANT PROGRAM**  
**CLEANER WATER PROGRAM GRANT**

Reviewer Julie Bickers  
 CPBOC Date September 26, 2024  
 KIA Grant Number 21CWS153  
 WRIS Number SX21225012

GRANTEE STURGIS, CITY OF  
 UNION COUNTY

**BRIEF DESCRIPTION**

Improvements at the WWTP that are needed to keep the facility in compliance include: (1) add an auger screen on the wastewater influent lines; (2) replace lagoon liners in lagoons 1 & 2; (3) add two new final clarifiers to replace two existing ones; (4) add a mechanical bar screen in the force main to lagoon 1; (5) add a mechanical bar screen in the force main to the oxidation ditch; (6) add switch gear for automatic switch over of auxiliary power; (7) replace miscellaneous electrical control panels in the plant building; (8) provide telemetry at all lift stations for monitoring of all eleven stations from the WWTP; (9) purchase new laboratory equipment for testing and monitoring; 10) add four auto control valves on the influent lines; 11) add four air releases on the force mains to the plant; and, 12) add six shut off valves from main lift station to the plant.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %	
CWP - Sewer Grant - 21CWS153	\$142,278	Administrative Expenses				\$50,000
CWP Grant 22CWS061	175,064	Eng - Design / Const	0.0%	10.8%		430,000
Other Funding	4,352,658	Eng - Insp	0.0%	4.8%		190,000
		Construction				3,320,000
		Contingency				680,000
<b>TOTAL</b>	<b>\$4,670,000</b>	<b>TOTAL</b>				<b>\$4,670,000</b>

PROFESSIONAL SERVICES Engineer Strand Associates, Incorporated

PROJECT SCHEDULE  
 Bid Opening December 1, 2024  
 Construction Start February 1, 2025  
 Construction Stop December 1, 2025

RESIDENTIAL RATES  
 Current Users 731 Avg. Bill \$ 71.12 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Union County	\$ 142,278.00	
	Total	\$ 142,278.00	

**Notes:**

This grant is a reallocation from a previously approved grant.  
 Previous Grantee: City of Sturgis  
 Previous Grant #21CWS138  
 Previous Project: Sturgis WWTP Emergency Upgrades  
 Previous WRIS #SX21225044  
 Prior Approval Date: January 30, 2024

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>		Reviewer CPBOC Date KIA Grant Number WRIS Number	Julie Bickers September 26, 2024 21CWS154 SX21139022
GRANTEE	SMITHLAND, CITY OF LIVINGSTON COUNTY		
BRIEF DESCRIPTION			
Project involves the replacement of existing WWTP pumps, existing WWTP filters, and add a PAA (disinfection) system that will assist the UV system. These improvements will satisfy the DOE/DOW while the city prepares to pursue the construction of a new WWTP in the future. This project will replace mechanical equipment at the existing wastewater treatment plant as a short term solution to the Consent Judgement from the KY Division of Enforcement. This project will including planning, design, funding assistance, and construction services related to the existing WWTP by utilizing the Cleaner Water monies in place for the city. The project will replace the influent pumps and add VFD controls, replace the existing two filters as well as add a PAA disinfection system to the process. These changes will improve the reliability of the plant while a new plant is to be designed and constructed which will take the facultative lagoon permanently out of service. Much of the equipment invested with this project may be transferred to the new WWTP for use or as spare equipment.			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Sewer Grant - 21CWS154	\$187,330	RD Fee %	Actual %
Other Funding	114,000	Administrative Expenses	\$2,500
		Planning	5,000
		Eng - Design / Const	11.9% 19.2% 45,000
		Eng - Insp	9.9% 6.4% 15,000
		Construction	233,830
TOTAL	\$301,330	TOTAL	\$301,330
PROFESSIONAL SERVICES	Engineer	Eclipse Engineers, PLLC	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 180	<u>Avg. Bill</u> \$ 54.71 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Livingston County	\$ 187,330.00	
	Total	\$ 187,330.00	
Notes:			
This grant is a reallocation from a previously approved grant. Previous Grantee: City of Smithland Previous Grant #21CWS066 Previous Project: Smithland Lagoon Rehabilitation Project Previous WRIS #SX21139014 Prior Approval Date: April 19, 2022			



<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>		Reviewer CPBOC Date KIA Grant Number WRIS Number	Julie Bickers September 26, 2024 21CWS155 SX21211026
GRANTEE	SHELBYVILLE MUNICIPAL WATER & SEWER COMMISSION SHELBY COUNTY		
BRIEF DESCRIPTION			
<p>This project will be Phase II of a project that will construct a new 30-inch gravity sewer main from the Brighton Pump Station to the new Shelbyville Wastewater Treatment Plant and will also eliminate two sewage pumping stations in the process. This Phase II of the project will construct approximately _____ linear feet (LF) of the 30-inch gravity sewer main and will end on the westward end of Highway 55 after going underneath of it from the east along Old Brunerstown Rd. The two pump stations that will be eliminated through the entire project (Phases II &amp; III) are known as the "Highway 55 Pump Station" and the "Windhurst Industrial Park Pump Station." Both of these pump stations are in Shelbyville's industrial park area. In order to successfully continue economic growth in this area of Shelbyville and in Shelby County as a whole, these two pump stations need to be eliminated. Upgrading these pump stations to adequate performance standards would be very costly and would not be in the city or the county's best financial interests. The "Highway 55 Station" is currently at capacity and has several Sanitary Sewer Overflows (SSOs) every year. By eliminating these two problematic pump stations and installing the new 30-inch gravity sewer main, no further economic development money will be required to help keep the two problematic pump stations from failing.</p>			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Sewer Grant - 21CWS155	\$175,000	Administrative Expenses	\$10,070
CWP Grant 22CWS181	210,044	Land, Easements	125,000
Local Funds	1,759,956	Eng - Design / Const	7.9% 7.5% 133,900
		Eng - Insp	4.8% 4.6% 83,025
		Eng - Other	5,000
		Construction	1,788,005
TOTAL	\$2,145,000	TOTAL	\$2,145,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 8,444	<u>Avg. Bill</u> \$ 21.95 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Shelby County	\$ 175,000.00	
	Total	\$ 175,000.00	
Notes:			
<p>This grant is a reallocation of remaining funds from a previously approved grant.  Previous Grantee: Shelbyville Municipal Water &amp; Sewer Commission  Previous Grant #21CWS094  Previous Project: Shelbyville 36 Inch Gravity Sewer  Previous WRIS #SX21211020  Prior Approval Date: March 17, 2022</p>			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW029
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21043053
GRANTEE	OLIVE HILL, CITY OF CARTER COUNTY		
BRIEF DESCRIPTION			
<p>With the high water loss experienced by Olive Hill, this project will install leak detection equipment and provide funding for repair of leaks found by the use of this system. The leak detection portion of this project will rely on Zonescan and Aquascope hardware and associated software along with listening technology to locate leaks. Also included is expert assistance with this hardware to ensure best possible outcome of leak detection. Repairs will happen as located, budget for this portion of the project is estimated to the best guess of the procured engineering team. After leak detection results update: This Project will replace the aging PVC water lines from the Gavin Ridge water storage tank to the intersection of Hillman Hollow Rd and KY-174 with new HDPE water lines. It is estimated that 12000 LF of 8" water line and 20000 LF of 6" water line will be replaced. Meters, hydrants, valves, and any other related items necessary to completely replace the stated portion of the Cities water distribution system shall be installed as well.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW029	\$325,120	Administrative Expenses	\$50,000
Funding Source 2	32,512	Legal Expenses	8,000
Other Funding	1,792,368	Planning	10,000
		Eng - Design / Const	7.9% 8.1% 147,000
		Eng - Insp	4.8% 4.9% 89,000
		Eng - Other	37,500
		Construction	1,661,360
		Contingency	147,140
TOTAL	\$2,150,000	TOTAL	\$2,150,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 2,206	<u>Avg. Bill</u> \$ 26.32 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Carter County	\$ 325,120.00	
Supplemental Pool		\$ 32,512.00	
	Total	\$ 357,632.00	
Notes:			
Prior Approval:			
County Allocation Pool	Carter	\$ 325,120	April 19, 2022
Supplemental Pool	Supplemental Increase	\$ 32,512	Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW037
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21049042
GRANTEE	WINCHESTER MUNICIPAL UTILITIES COMMISSION CLARK COUNTY		
BRIEF DESCRIPTION			
The project consists of the design and construction of all necessary modifications to the existing WMU Raw Water Intake Facility located at 1085 Ford Road, Winchester, KY for a 4160V emergency generator and transfer switch gear to provide emergency back-up electrical power to the facility and provides a raw water line interconnection to the Carroll Ecton Reservoir in order to secure a secondary source of raw water supply for the City of Winchester and Clark County in the event the primary source of water cannot be utilized. Latitude: 37°53'38.71"N -- Longitude: 84°15'38.77"W			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 21CWW037	\$381,797	Administrative Expenses	\$20,000
CWP Supplemental Pool-Increase	38,180	Eng - Design / Const	8.4% 11.1% 150,000
Local Funds	1,150,023	Eng - Insp	5.3% 3.7% 50,000
		Construction	1,300,000
		Contingency	50,000
TOTAL	\$1,570,000	TOTAL	\$1,570,000
PROFESSIONAL SERVICES	Engineer	Bell Engineering	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	Users	Avg. Bill
		12,428	\$ 27.31 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Clark County	\$ 381,797.00	
Supplemental Pool		\$ 38,180.00	
	Total	\$ 419,977.00	
Notes:			
Prior Approval:			
County Allocation Pool	Clark	\$ 381,797	April 19, 2022
Supplemental Pool	Supplemental Increase	\$ 38,180	Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>		Reviewer CPBOC Date KIA Grant Number WRIS Number	Julie Bickers September 26, 2024 21CWW051 WX21061030
GRANTEE	EDMONSON COUNTY WATER DISTRICT EDMONSON COUNTY		
BRIEF DESCRIPTION			
Install 1,600" ft of 12 DI Pipe to supply more water during high demands and supplements the Wax Water Treatment Plant service area from the Brownsville Water Treatment Plant. Upgrade one (1) existing pump station and replace one (1) existing pump station to better serve approximately 1,500 customers. Replace 1.6 Miles of 4" water mains, improving service to approximately 100 customers in a leak-prone area. Install 2,112 LF of 3" water mains to improve service to 2 underserved existing customers. Install 4,670 LF of 4" main to serve 5 unserved customers. *This project is a partial revision of WX21061016; each section of that larger project has been broken down by county impacted, although all sections are serviced by ECWD.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW051	\$446,221	Administrative Expenses	\$16,443
CWP Supplemental Pool-Increase	44,622	Legal Expenses	5,000
Local ARPA	650,000	Land, Easements	1,000
		Eng - Design / Const	#VALUE! 8.0% 75,534
		Eng - Insp	#VALUE! 5.2% 48,843
		Eng - Other	18,059
		Construction	865,522
		Contingency	82,090
		Other	28,352
TOTAL	\$1,140,843	TOTAL	\$1,140,843
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 11,279	<u>Avg. Bill</u> \$ 32.70 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Edmonson County	\$ 446,221.00	
Supplemental Pool		\$ 44,622.00	
	Total	\$ 490,843.00	
Notes:			
Prior Approval:			
County Allocation Pool	Edmonson	\$ 446,221	June 23, 2022
Supplemental Pool	Supplemental Increase	\$ 44,622	Pending Approval September 26, 2024

**EXECUTIVE SUMMARY**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**DRINKING WATER AND WASTEWATER GRANT PROGRAM**  
**CLEANER WATER PROGRAM GRANT**

Reviewer Julie Bickers  
 CPBOC Date September 26, 2024  
 KIA Grant Number 21CWW080  
 WRIS Number WX21099046

GRANTEE EDMONSON COUNTY WATER DISTRICT  
 HART COUNTY

**BRIEF DESCRIPTION**

This project would include installation of 5,280 LF of 3" water mains to serve and improve service to 5 underserved & existing customers along Club Run Hollow Road. Entire project is located in Hart County. New service would eliminate periodic water outages and pressure drops in service lines. **\*\*Formerly WX21061031\*\***

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW080	\$202,773	Administrative Expenses			\$3,041
CWP Supplemental Pool-Increase	34,227	Legal Expenses			2,000
		Land, Easements			1,000
		Eng - Design / Const	13.0%	9.8%	18,675
		Eng - Insp	11.5%	8.8%	16,822
		Eng - Other			3,136
		Construction			176,787
		Contingency			14,256
		Other			1,283
<b>TOTAL</b>	<b>\$237,000</b>	<b>TOTAL</b>			<b>\$237,000</b>

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE  
 Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES  
 Current Users 11,279 Avg. Bill \$ 32.70 (for 4,000 gallons)  
 Additional 15

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Hart County	\$ 202,773.00		
Supplemental Pool		\$ 34,227.00		
	Total	\$ 237,000.00		

**Notes:**

Prior Approval:  
 County Allocation Pool Hart \$ 202,773 April 19, 2022  
 Supplemental Pool Supplemental Increase \$ 34,227 Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW105
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21117210
GRANTEE	NORTHERN KENTUCKY WATER DISTRICT KENTON COUNTY		
BRIEF DESCRIPTION			
This project is partially funded by SRF funds and includes improvements at two treatment plants. The improvements at TMTP include: a new 7.5 MVA, 69KV x 2400V substation, 2000 KW, 2400V standby diesel generator, 2400V switchgear in a walk-in enclosure, 500 KVA, 2400V x 480/277V pad mounted transformer, and associated structures, cabling, terminations, etc., and remote I/O panel connected via fiber optic cabling. The project includes site grading, relocation of underground utilities, equipment pads, fencing, and platforms and railings.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW105	\$1,000,000	Administrative Expenses	\$2,000
CWP Supplemental Pool-Increase	100,000	Eng - Design / Const	0.0% 2.5% 333,626
KIA Loan F20-044	8,000,000	Eng - Insp	0.0% 0.5% 73,805
Other Funding	4,750,000	Construction	12,521,500
		Contingency	899,069
		Other	20,000
TOTAL	\$13,850,000	TOTAL	\$13,850,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	Users	Avg. Bill
		82,387	\$ 23.40 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Kenton County	\$ 1,000,000.00	
Supplemental Pool		\$ 100,000.00	
	Total	\$ 1,100,000.00	
Notes:			
Prior Approval:			
County Allocation	Kenton	\$ 1,000,000	April 19, 2022
Supplemental Pool	Supplemental Increase	\$ 100,000	Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer	Julie Bickers
	CPBOC Date	September 26, 2024
	KIA Grant Number	21CWW153
	WRIS Number	WX21169045

GRANTEE	GREEN-TAYLOR WATER DISTRICT METCALFE COUNTY
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**BRIEF DESCRIPTION**

This project will include approximately 8,000 LF of 3-inch water main along Rockland Mills Rd, The project will provide service to 7 previously unserved customers and any future customers in the area.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW153	\$207,500	Administrative Expenses			\$1,500
CWP Supplemental Increase	41,060	Legal Expenses			1,000
CWP Grant 22CWW046	120,825	Land, Easements			2,500
		Eng - Design / Const	11.2%	9.4%	29,325
		Eng - Insp	8.7%	7.7%	24,000
		Construction			282,760
		Contingency			28,300
<b>TOTAL</b>	<b>\$369,385</b>	<b>TOTAL</b>			<b>\$369,385</b>

PROFESSIONAL SERVICES	Engineer	Monarch Engineering, Incorporated
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PROJECT SCHEDULE	Bid Opening	TBD
	Construction Start	TBD
	Construction Stop	TBD

RESIDENTIAL RATES	<u>Users</u>	<u>Avg. Bill</u>
Current	5,367	\$ 43.89 (for 4,000 gallons)
Additional	7	

**REGIONAL COORDINATION** This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Metcalfe County	\$ 123,290.00
Unserved Rural Pool		\$ 125,270.00
	<b>Total</b>	<b>\$ 248,560.00</b>

**Notes:**

Prior Approval:

County Allocation Pool	Metcalfe	\$ 123,290	June 23, 2022
Unserved Rural Pool		\$ 84,210	September 29, 2022
Unserved Rural Pool	Reallocation	\$ 41,060	Pending Approval September 26, 2024

This grant is being allocated additional funds through the reallocation of remaining funds from a previously approved grant.  
 Previous Grantee: Green-Taylor Water District  
 Previous Grant #21CWW283  
 Previous Project: 2022 Scattered Water Line Extensions  
 Previous WRIS #WX21087028  
 Prior Approval Date: September 29, 2022

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW229
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21119026
GRANTEE	KNOTT COUNTY WATER & SEWER DISTRICT KNOTT COUNTY		
BRIEF DESCRIPTION			
<p>The proposed project will include service for 95 new customers located in numerous areas of Knott County. The project will finish up service to the remaining non-served households in KCWSD's Knott County service area – hence the last mile project. The project will include approximately 43,380 LF of waterline which includes 10,150 LF of 2", 22,930 LF of 3" and 10,300 LF of 4" all proposed as SR-17 PVC waterline. There will be numerous appurtenances included with the project – control valves, flush hydrates, service meters, booster pump station (BPS) and horizontal directional drilling (HDD) with HDPE pipe (3" and 4") bores. The project will also require several railroad bores and CSX RR permit(s) that can possibly require a year or more to obtain. There will be one BPS required to service several homes in the upper headwaters of Deadman Branch. The project will also include replacement of the sludge dewatering equipment at the Carr Creek Lake Water Treatment Plant (WTP). The plant was originally designed for a Fan Sludge Press (new to the market) and unfortunately it was unable to undergo startup at the beginning of plant operations due to an initial operating period of no sludge production that eventually turned into operations ignoring the implementation of the sludge dewatering process for years to the point that the sludge basin was filled to capacity and eventually had to be pumped and externally disposed of to obtain a slurry that could be dewatered. There were constant startup and warranty issues with the manufacturer and vendor from that point on. KCWSD operations has determined the equipment is not suited for the backwash filter effluent and needs to be replaced with a mechanical drying bed system or a screw press with both applications being awfully close to the same capital cost. Both applications will take advantage of the existing sludge building and chemical dosing system. The project design will probably include a pilot test for the screw press to prove its operational cost, capacity and efficiency to help determine the correct long-term system to capitalize. The Carr Creek WTP serves over 7,000 customers by wholesaling water to six utilities in the region. A separate and stand-alone element of this project consists in upgrading the size and capacity of the pump, related controls and piping housed in the District's Knob Bottom Pump Station. The capital cost of this component of the project is \$75,000.00.</p>			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 21CWW229	\$343,455	Administrative Expenses	\$50,000
CWP Supplemental Increase	75,000	Planning	10,000
Local Funds	299,260	Eng - Design / Const	8.3% 7.7% 114,300
Other Funding	1,122,070	Eng - Insp	5.1% 4.8% 71,200
		Eng - Other	100,520
		Construction	1,357,965
		Contingency	135,800
TOTAL	\$1,839,785	TOTAL	\$1,839,785
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>
	Additional	3,200	\$ 30.40 (for 4,000 gallons)
		95	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Knott County	\$ 418,455.00	
	Total	\$ 418,455.00	
Notes:			
Prior Approval:			
County Allocation Pool	Knott County	\$ 343,455.00	July 21, 2022
County Allocation Pool	Reallocation	\$ 75,000.00	Pending Approval September 26, 2024
This grant is being allocated additional funds through the reallocation of a previously approved grant.			
Previous Grantee: Knott County Fiscal Court			
Previous Grant #21CWW317			
Previous Project: Mine Made Adventures Water Project			
Previous WRIS #WX21119027			
Prior Approval Date: December 27, 2022			



<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW242
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21085044
GRANTEE	EDMONSON COUNTY WATER DISTRICT GRAYSON COUNTY		
BRIEF DESCRIPTION			
The Edmonson Co. Water District is proposing improvements to its facilities in Grayson County including: replacement of the Sleepy Hollow booster station, replacement of 500 lf. of 4-inch main along Peonia Rd; installation of 2,750 lf. 3-inch along Antioch Church Rd; and installation of 1,500 lf. of 3-inch main along G. Hayes Rd. The project will improve service to approx. 1,500 existing customers and provide potable water to 4 new households.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW242	\$166,112	Administrative Expenses	\$2,625
CWP Supplemental Pool-Increase	135,008	Legal Expenses	1,000
Local ARPA	78,488	Eng - Design / Const	12.3% 6.5% 21,350
		Eng - Insp	10.6% 5.6% 18,375
		Eng - Other	3,500
		Construction	310,008
		Contingency	17,500
		Other	5,250
TOTAL	<u>\$379,608</u>	TOTAL	<u>\$379,608</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	11,279	\$ 32.70 (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	Grayson County	\$ 166,112.00	
Supplemental Pool		\$ 135,008.00	
	Total	\$ 301,120.00	
Notes:			
Prior Approval:			
County Allocation Pool	Grayson	\$ 166,112	July 21, 2022
Supplemental Pool	Supplemental Increase	\$ 135,008	Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW281
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21055011
GRANTEE	CRITTENDEN-LIVINGSTON COUNTY WATER DISTRICT CRITTENDEN COUNTY		
BRIEF DESCRIPTION			
This project will initially install approximately 21,00 LF of 4" PVC waterline along Blackburn Church Road to serve about 12 unserved customers. If any residual funds remain, funds will go toward the installation of 21.5 miles of water main in Crittenden County. These new lines will provide service to 60 homes. The 21.5 miles of water main is broken into 13 different line segments. These line segments will provide service to new customers as well as eliminating dead end lines. The elimination of the dead end lines will provide increase redundancy within the system as well as reducing the amount of lost water due to line flushing.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW281	\$975,625	Administrative Expenses	\$20,000
CWP Supplemental Pool-Increase	165,000	Legal Expenses	5,000
CWP Grant 22CWW251	50,000	Planning	12,000
		Eng - Design / Const	8.8% 8.9% 90,000
		Eng - Insp	5.6% 5.4% 54,600
		Construction	943,600
		Contingency	65,425
TOTAL	\$1,190,625	TOTAL	\$1,190,625
PROFESSIONAL SERVICES	Engineer	Hussey Gay Bell Nashville, LLC	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u>	<u>Avg. Bill</u>
	Additional	3,704	\$ 61.37 (for 4,000 gallons)
		60	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
Unserved Rural Pool		\$ 975,625.00	
Supplemental Pool		\$ 165,000.00	
	Total	\$ 1,140,625.00	
Notes:			
Prior Approval:			
Unserved Rural Pool		\$ 975,625	September 29, 2022
Supplemental Pool	Supplemental Increase	\$ 165,000	Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW285
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21117303
GRANTEE	NORTHERN KENTUCKY WATER DISTRICT KENTON COUNTY		
BRIEF DESCRIPTION			
<p>The unserved portion of this project includes 9.32 miles of waterline extension to serve 135 households in rural areas of Kenton County at a project cost of \$4,922,000. The average number of households served per mile for this project is 14.48 per mile. Portions of the following streets are part of this project: Gene Street, Scenic Ridge Drive, Mason Road, Alexander Road, Fiskburg Road, Goshorn Road, Webster Road, Pfanstiel Road, Elliot Road, Justice Lane, Highwater Road, Trace Run Road, Fowler Creek Road, Mann Road, and Steep Creek Road. If customer interest in connecting to the water system is not sufficient, other streets may be selected. If anticipated funds do not materialize by the time of bidding, the project street list will be reduced based on density and customer sign-ups to match committed funds.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW285	\$1,000,000	Administrative Expenses	\$1,000
CWP Supplemental Pool-Increase	100,000	Legal Expenses	1,000
Other Funding	3,822,000	Land, Easements	5,000
		Eng - Design / Const	6.8% 4.4% 203,000
		Eng - Insp	3.6% 0.5% 25,000
		Eng - Other	25,000
		Construction	4,442,000
		Contingency	220,000
TOTAL	\$4,922,000	TOTAL	\$4,922,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	82,387	\$ 23.40 (for 4,000 gallons)
	Additional	81	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
Unserved Rural Pool		\$ 1,000,000.00	
Supplemental Pool		\$ 100,000.00	
	Total	\$ 1,100,000.00	
Notes:			
Prior Approval:			
Unserved Rural Pool		\$ 1,000,000	September 29, 2022
Supplemental Pool	Supplemental Increase	\$ 100,000	Pending Approval September 26, 2024

**EXECUTIVE SUMMARY**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**DRINKING WATER AND WASTEWATER GRANT PROGRAM**  
**CLEANER WATER PROGRAM GRANT**

Reviewer Julie Bickers  
 CPBOC Date September 26, 2024  
 KIA Grant Number 21CWW291  
 WRIS Number WX21169043

GRANTEE EDMONTON, CITY OF  
 METCALFE COUNTY

**BRIEF DESCRIPTION**

Project will include approximately 7,700 LF of 3-inch water main along Gordon Branch Rd, The project will provide service to a previously unserved area.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %	
CWP - Water Grant - 21CWW291	\$451,250	Eng - Design / Const		10.6%	10.1%	\$41,500
CWP Supplemental Increase	14,360	Eng - Insp		7.9%	7.5%	31,000
Other Funding	19,390	Construction				375,000
		Contingency				37,500
<b>TOTAL</b>	<b>\$485,000</b>	<b>TOTAL</b>				<b>\$485,000</b>

PROFESSIONAL SERVICES Engineer Monarch Engineering, Incorporated

PROJECT SCHEDULE Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES	Users	Avg. Bill
Current	3,407	\$ 29.15 (for 4,000 gallons)
Additional	5	

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Metcalfe County	\$ 14,360.00
Unserved Rural Pool		\$ 451,250.00
	<b>Total</b>	<b>\$ 465,610.00</b>

**Notes:**

Prior Approval:  
 County Allocation Reallocation \$ 14,360 Pending Approval September 26, 2024  
 Unserved Rural Pool \$ 451,250 September 29, 2022

This grant is being allocated additional funds through the reallocation of remaining funds from a previously approved grant.  
 Previous Grantee: City of Edmonton  
 Previous Grant #22CWW151  
 Previous Project: Chris Harper Road Water Line Extension  
 Previous WRIS #WX21169046  
 Prior Approval Date: September 29, 2022

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW327
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21033028
GRANTEE	PRINCETON WATER & WASTEWATER COMMISSION CALDWELL COUNTY		
BRIEF DESCRIPTION			
This project will install an 80KW Emergency Generator and transfer at the Linton Hill Pump Station that will provide back-up power to supply the northern sections of Caldwell County.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW327	\$100,000	Administrative Expenses	\$1,000
CWP Supplemental Pool-Increase	30,925	Legal Expenses	750
		Land, Easements	2,175
		Eng - Design / Const	13.7% 10.4% 12,000
		Construction	115,000
TOTAL	\$130,925	TOTAL	\$130,925
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 3,342	<u>Avg. Bill</u> \$ 28.94 (for 4,000 gallons)
REGIONAL COORDINATION This project is consistent with regional planning recommendations.			
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Caldwell County	\$ 100,000.00	
Supplemental Pool		\$ 30,925.00	
	Total	\$ 130,925.00	
Notes:			
Prior Approval:			
County Allocation	Reallocation	\$ 100,000	February 21, 2023
Supplemental Pool	Supplemental Increase	\$ 30,925	Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW348
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21089131
GRANTEE	SOUTH SHORE, CITY OF LEWIS COUNTY		
BRIEF DESCRIPTION			
This project will serve approximately 13 new customers in the Firebrick and Scaffold Lick areas of Lewis County who are currently unserved. It should also alleviate pressure problems for approximately 200 households in Lewis County. The project consists of a 50K gallon water storage tank, a booster pump station, a SCADA System upgrade and approximately 16,050 l.f. of 4" water line.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW348	\$2,185,000	Administrative Expenses	\$20,000
CWP Supplemental Pool-Increase	276,000	Legal Expenses	10,000
		Land, Easements	55,000
		Planning	10,000
		Eng - Design / Const	7.6% 7.1% 148,000
		Eng - Insp	4.5% 4.3% 89,000
		Construction	1,899,000
		Contingency	190,000
		Other	40,000
TOTAL	\$2,461,000	TOTAL	\$2,461,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	March 6, 2025	
	Construction Start	June 1, 2025	
	Construction Stop	June 1, 2026	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	2,024	\$ 35.39 (for 4,000 gallons)
	Additional	30	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
Unserved Rural Pool		\$ 1,029,080.00	
Supplemental Pool		\$ 1,431,920.00	
	Total	\$ 2,461,000.00	
Notes:			
Prior Approval:			
Unserved Rural Pool	Reallocation	\$ 1,029,080	March 27, 2024
Supplemental Pool	Supplemental Increase	\$ 1,155,920	May 23, 2024
Supplemental Pool	Supplemental Increase	\$ 276,000	Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW361
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21183079
GRANTEE	OHIO COUNTY WATER DISTRICT OHIO COUNTY		
BRIEF DESCRIPTION			
Ohio County Water District is extending its waterlines to reach the unserved population in Ohio County. There will be a total of 26,330 LF of waterlines placed to serve approx. 110 patrons within 41 existing homes that do not have access to water. These new lines include: Leah/White Rd- 2250 LF Tucker Hollow Rd.- 4100 LF Valley Ln- 1000 LF Longview Church Ln- 2680 LF Cane Ford Rd.- 2500 LF Bud Baughn - 4100 LF Quarter Horse Ln - 3000 LF Midkiff Hanes - 3500 LF Barnes Trail- - 1600 LF Maple Leaf Lake Ln - 1600 LF			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 21CWW361	\$750,000	RD Fee %	Actual %
		Eng - Design / Const	0.0% 7.1%
		Construction	\$50,000 700,000
TOTAL	\$750,000	TOTAL	\$750,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	6,056	\$ 47.55 (for 4,000 gallons)
	Additional	6	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
Unserved Rural Pool		\$ 750,000.00	
	Total	\$ 750,000.00	
Notes:			
This grant is a reallocation from a previously approved grant. Previous Grantee: Ohio County Water District Previous Grant #21CWW293 Previous Project: Chiggerville Lane Water Line Extension Previous WRIS #WX21183054 Prior Approval Date: September 29, 2022			

**EXECUTIVE SUMMARY**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**DRINKING WATER AND WASTEWATER GRANT PROGRAM**  
**CLEANER WATER PROGRAM GRANT**

Reviewer Julie Bickers  
 CPBOC Date September 26, 2024  
 KIA Grant Number 21CWW362  
 WRIS Number WX21059091

GRANTEE WHITESVILLE, CITY OF  
 DAVIESS COUNTY

**BRIEF DESCRIPTION**

There are currently 4 unserved customers along Melba Lane that are using wells. This portion of Melba Lane is located in Ohio County and they are unable to be serviced from Ohio County. This project will install 4,800 LF of 4 " pipe with 1 bore. This line will tie in to Old Litchfield Road.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW362	\$100,000	Administrative Expenses			\$8,000
CWP Grant 22CWW383	154,250	Eng - Design / Const	11.9%	19.1%	43,470
Other Funding	24,965	Construction			216,900
		Contingency			10,845
<b>TOTAL</b>	<b>\$279,215</b>	<b>TOTAL</b>			<b>\$279,215</b>

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening December 1, 2024  
 Construction Start January 2, 2025  
 Construction Stop April 1, 2025

RESIDENTIAL RATES	Users	Avg. Bill
Current	1,455	\$ 35.85 (for 4,000 gallons)
Additional	3	

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
Unserved Rural Pool		\$ 100,000.00
	<b>Total</b>	<b>\$ 100,000.00</b>

**Notes:**

This grant is a reallocation from a previously approved grant.  
 Previous Grantee: Ohio County Water District  
 Previous Grant #21CWW293  
 Previous Project: Chiggerville Lane Water Line Extension  
 Previous WRIS #WX21183054  
 Prior Approval Date: September 29, 2022



**EXECUTIVE SUMMARY**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**DRINKING WATER AND WASTEWATER GRANT PROGRAM**  
**CLEANER WATER PROGRAM GRANT**

Reviewer Julie Bickers  
 CPBOC Date September 26, 2024  
 KIA Grant Number 21CWW363  
 WRIS Number WX21013010

GRANTEE PINEVILLE UTILITY COMMISSION  
 BELL COUNTY

**BRIEF DESCRIPTION**

Extension of the Pineville Utility Commission water distribution system to serve the Smith Hill Road area of Bell County. Project includes approximately 2,500 feet of 2" HDPE waterline, a tin-in, bored highway crossing, and associated appurtenances.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW363	\$238,406	Eng - Design / Const		9.1%	\$22,000
CWP Supplemental Increase	25,483	Eng - Insp		7.9%	19,000
CWP 22CWW381	17,923	Construction			213,406
		Contingency			27,406
<b>TOTAL</b>	<b>\$281,812</b>	<b>TOTAL</b>			<b>\$281,812</b>

PROFESSIONAL SERVICES Engineer Vaughn & Melton Consulting Engineers, Inc

PROJECT SCHEDULE  
 Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES	Users	Avg. Bill
Current	0	\$ - (for 4,000 gallons)
Additional	12	

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Bell County	\$ 25,483.20
Unserved Rural Pool		\$ 195,000.00
	<b>Total</b>	<b>\$ 220,483.20</b>

**Notes:**

Approval:  
 County Allocation Reallocation \$ 25,483 Pending Approval September 26, 2024  
 Unserved Rural Pool Reallocation \$ 195,000 Pending Approval September 26, 2024

This grant is a reallocation from a previously approved grant.  
 Previous Grantee: City of Pineville  
 Previous Grant #21CWW274  
 Previous Project: Pine Mountain State Park/Sawmill Hollow WL Replacement & Extension  
 Previous WRIS #WX21013006  
 Prior Approval Date: September 29, 2022

This grant is being allocated additional funds through the reallocation of remaining funds of a previously approved grant.  
 Previous Grantee: Pineville Utility Commission  
 Previous Grant #21CWS140  
 Previous Project: Pineville WWTP Blower Panel Rehab  
 Previous WRIS #SX21013016  
 Prior Approval Date; February 27, 2024

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer	Julie Bickers
	CPBOC Date	September 26, 2024
	KIA Grant Number	21CWW364
	WRIS Number	WX21227110

GRANTEE	WARREN COUNTY WATER DISTRICT WARREN COUNTY
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BRIEF DESCRIPTION

This project consists of approximately 11,000' of new 8" water line and a pump station upgrade.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW364	\$360,372	Administrative Expenses			\$10,000
CWP Grant 22CWW038	1,200,000	Legal Expenses			10,000
		Land, Easements			15,000
		Eng - Design / Const	8.7%	2.1%	30,000
		Eng - Insp	5.5%	2.1%	30,000
		Eng - Other			5,000
		Construction			1,360,372
		Contingency			100,000
<b>TOTAL</b>	<b>\$1,560,372</b>	<b>TOTAL</b>			<b>\$1,560,372</b>

PROFESSIONAL SERVICES	Engineer	TBD
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PROJECT SCHEDULE	Bid Opening	TBD
	Construction Start	TBD
	Construction Stop	TBD

RESIDENTIAL RATES	Current	<u>Users</u> 34,137	\$	<u>Avg. Bill</u> 23.98 (for 4,000 gallons)
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REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Warren County	\$	360,372.00	
	Total	\$	360,372.00	

Notes:

This grant is a reallocation from a previously approved grant.  
 Previous Gantee: Warren County Water District  
 Previous Grant #21CWW212  
 Previous Project: Southwest Parkway Improvements  
 Previous WRIS #WX21227090  
 Prior Approval Date: March 17, 2022

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW365
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21059088
GRANTEE	OWENSBORO MUNICIPAL UTILITIES DAVISS COUNTY		
BRIEF DESCRIPTION			
Construct two groundwater drinking water wells within the established Well Head Protection Area.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW365	\$17,940	Land, Easements	\$31,835
CWP Grant 22CWW140	537,857	Planning	81,596
Local Funds	194,203	Eng - Design / Const	10.1% 7.5% 39,759
		Eng - Insp	7.2% 1.0% 5,269
		Construction	529,652
		Equipment	50,730
		Other	11,159
TOTAL	<u>\$750,000</u>	TOTAL	<u>\$750,000</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 63,923	<u>Avg. Bill</u> \$ 20.58 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Daviess County	\$ 17,939.68	
	Total	\$ 17,939.68	
Notes:			
<p>This grant is a reallocation of remaining funds from a previously approved grant.  Previous Grantee: Owensboro Municipal Utilities  Previous Grant #21CWW048  Previous Project: Jeff Place Small Main Replacement  Previous WRIS #WX21059085  Prior Approval Date: April 19, 2022</p>			

**EXECUTIVE SUMMARY**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**DRINKING WATER AND WASTEWATER GRANT PROGRAM**  
**CLEANER WATER PROGRAM GRANT**

Reviewer Julie Bickers  
 CPBOC Date September 26, 2024  
 KIA Grant Number 21CWW366  
 WRIS Number WX21053032

GRANTEE ALBANY, CITY OF  
 CLINTON COUNTY

**BRIEF DESCRIPTION**

The location of WTP-A and WTP-B are remote. Both plants are in close proximity to each other - within 200 yards. Both plants have separate power feeds. Both Water Treatment Plants continue to experience power reliability issues and with no backup generator at either plant this causes considerable problems given the demands on the plants and the capacity issues. These funds would be used to install two backup generators with Automatic Transfer Switches providing backup power for both WTP-A and WTP-B.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW366	\$215,267	Administrative Expenses			\$31,800
CWP 22CWW380	562,071	Eng - Design / Const	8.9%	9.2%	88,000
Other Funding	314,462	Eng - Insp	5.7%	1.3%	12,000
		Construction			910,000
		Contingency			50,000
<b>TOTAL</b>	<b>\$1,091,800</b>	<b>TOTAL</b>			<b>\$1,091,800</b>

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES Current Users 5,103 Avg. Bill \$ 18.98 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Clinton County	\$ 215,267.00
	Total	\$ 215,267.00

**Notes:**

This grant is a reallocation of remaining funds from a previously approved approved grant.  
 Previous Grantee: City of Albany  
 Previous Grant #21CWW314  
 Previous Project: Duvall Valley Area Water System Improvements  
 Previous WRIS #WX21053015  
 Prior Approval Date: December 27, 2022

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW367
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21159028
GRANTEE	MARTIN COUNTY WATER DISTRICT MARTIN COUNTY		
BRIEF DESCRIPTION			
This project will reduce system water loss and protect new infrastructure investments by adding telemetry, electrical/mechanical improvements, and valves to the KY 292 South Pump Station and the 292 South Water Storage Tank. This project finalizes and protects improvements previously made through an ARC-funded line extension and improvement project.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW367	\$78,316	Administrative Expenses	\$4,000
		Eng - Design / Const	#DIV/0! 25.5% 15,100
		Construction	53,884
		Contingency	5,332
TOTAL	\$78,316	TOTAL	\$78,316
PROFESSIONAL SERVICES	Engineer	Bell Engineering	
PROJECT SCHEDULE	Bid Opening	October 15, 2024	
	Construction Start	December 1, 2024	
	Construction Stop	January 1, 2025	
RESIDENTIAL RATES	Current	<u>Users</u> 3,269	<u>Avg. Bill</u> \$ 62.40 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Martin County	\$ 78,315.78	
	Total	\$ 78,315.78	
Notes:			
This grant is a reallocation of remaining funds from a previously approved grant. Previous Grantee: Martin County Water District Previous Grant #21CWW142 Previous Project: Water System Controls and Raw Water Modifications Phase II Previous WRIS #WX21159014 Prior Approval Date: April 19, 2022			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWS005
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21065008
GRANTEE	IRVINE, CITY OF ESTILL COUNTY		
BRIEF DESCRIPTION			
This project will replace the existing 6-inch force main at the Kelly pump station with a 10-inch force main to meet the current and future needs of Irvine Municipal Utilities. The force main is located within 10-15 feet of CSX railroad tracks and 200 feet from the Kentucky river. The force main would be relocated to the west side of the KY River. This project will be completed simultaneously with WX21065008 to maximize efficiencies during construction.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 22CWS005	\$171,135	Administrative Expenses	\$5,000
CWP Supplemental Pool-Increase	17,113	Legal Expenses	1,000
Other Funding	322,502	Land, Easements	3,500
		Planning	32,250
		Eng - Design / Const	10.9% 13.8% 50,000
		Eng - Insp	8.3% 9.9% 36,000
		Eng - Other	20,000
		Construction	330,000
		Contingency	33,000
TOTAL	\$510,750	TOTAL	\$510,750
PROFESSIONAL SERVICES	Engineer	Bell Engineering	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 2,066	<u>Avg. Bill</u> \$ 34.29 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Estill County	\$ 171,135.00	
Supplemental Pool		\$ 17,113.00	
	Total	\$ 188,248.00	
Notes:			
Prior Approval:			
County Allocation Pool	Estill	\$ 171,135	December 27, 2022
Supplemental Pool	Supplemental Increase	\$ 17,113	Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWS042
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21019094
GRANTEE	BOYD COUNTY SANITATION DISTRICT #4 BOYD COUNTY		
BRIEF DESCRIPTION			
With current and projected growth at the previous Kyova Mall, now Camps Landing, it is expected that the current pump station is incapable of handling the projected flow. With the addition of the quarter horse track and casino, this area is expected to become an economic center for the greater Ashland area. Refitting this pump station to handle the additional flow is necessary to the success of this area.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 22CWS042	\$856,000	Administrative Expenses	\$21,000
CWP Supplemental Pool-Increase	85,000	Eng - Design / Const	9.4% 10.1% 80,000
		Eng - Insp	6.4% 5.7% 45,000
		Construction	735,000
		Contingency	60,000
TOTAL	\$941,000	TOTAL	\$941,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 4,183	<u>Avg. Bill</u> \$ 56.84 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Boyd County	\$ 856,000.00	
Supplemental Pool		\$ 85,000.00	
	Total	\$ 941,000.00	
Notes:			
Prior Approval:			
County Allocation Pool	Boyd	\$ 856,000	December 27, 2022
Supplemental Pool	Supplemental Increase	\$ 85,000	Pending Approval September 26, 2024





<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer	Julie Bickers
	CPBOC Date	September 26, 2024
	KIA Grant Number	22CWS074
	WRIS Number	SX21111034

GRANTEE	LOUISVILLE AND JEFFERSON COUNTY MSD JEFFERSON COUNTY
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**BRIEF DESCRIPTION**

Restore the dry bed basin capacity by removing the thick layer of silt and sediment that has accumulated over the years, re-establishing the original creek approach and retreat channel, and improving vehicle access to the intake structure.

PROJECT FINANCING	PROJECT BUDGET	RD Fee %	Actual %
CWP - Sewer Grant - 22CWS074	\$613,020		
<b>TOTAL</b>	<b>\$613,020</b>		
	Construction		\$613,020
	<b>TOTAL</b>		<b>\$613,020</b>

PROFESSIONAL SERVICES	Engineer	TBD
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PROJECT SCHEDULE	Bid Opening	TBD
	Construction Start	TBD
	Construction Stop	TBD

RESIDENTIAL RATES	Current	<u>Users</u>	<u>Avg. Bill</u>
		0	\$ - (for 4,000 gallons)

**REGIONAL COORDINATION** This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Jefferson County	\$	613,020.00	
	Total	\$	613,020.00	

**Notes:**

<b>Approvals:</b>				
County Allocation	Reallocation	\$	374,020	Pending Approval September 26, 2024
County Allocation	Reallocation	\$	239,000	Pending Approval September 26, 2024

This grant is a reallocation of remaining funds from 2 previously approved grants.  
 Previous Grantee: Louisville and Jefferson County MSD  
 Previous Grant #22CWS071  
 Previous Project: Bass-Shirley Stormwater Improvements  
 Previous WRIS #SX21111028  
 Prior Approval Date: December 27, 2022

Previous Grantee: Louisville and Jefferson County MSD  
 Previous Grant #22CWS072  
 Previous Project: West Indian Trail Stormwater Improvements  
 Previous WRIS #21111029  
 Prior Approval Date: December 27, 2022

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWS076
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21185053
GRANTEE	LOUISVILLE AND JEFFERSON COUNTY MSD OLDHAM COUNTY		
BRIEF DESCRIPTION			
<p>This project involves the construction of interceptor sewers from the Ash Avenue WWTP to the newly constructed Upper Floyds Fork Interceptor. The interceptor sewers will discharge at the Floyds Fork Water Quality Treatment Center (WQTC). The project will be broken into two contracts: Contract 1 - Starts at the Friendship Manor nursing home where the nursing home's package treatment plant will be taken off line after an interceptor sewer and pump station are constructed southward to Ash Avenue WWTP. Contract 2 -An interceptor sewer will be constructed commencing at the Ash Avenue WWTP site to convey the flow to the Upper Floyds Fork Interceptor and the Ash Avenue WWTP decommissioned.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 22CWS076	\$1,147,351	Administrative Expenses	\$60,000
CWP Supplemental Pool-Increase	173,834	Land, Easements	80,000
CWP Grant 21CWS089	590,991	Planning	40,000
KIA Loan A17-028A	7,197,824	Eng - Design / Const	6.4% 4.6% 380,000
		Eng - Insp	3.1% 2.4% 200,000
		Eng - Other	65,000
		Construction	7,445,000
		Contingency	840,000
TOTAL	\$9,110,000	TOTAL	\$9,110,000
PROFESSIONAL SERVICES	Engineer	In House	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 11,517	<u>Avg. Bill</u> \$ 61.73 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Oldham County	\$ 989,320.00	
Supplemental Pool		\$ 331,865.00	
	Total	\$ 1,321,185.00	
Notes:			
Prior Approval:			
County Allocation Pool	Oldham	\$ 989,320	December 27, 2022
Supplemental Pool	Supplemental Increase	\$ 158,031	December 14, 2023
Supplemental Pool	Supplemental Increase	\$ 173,834	Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWS089
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21057004
GRANTEE	BURKESVILLE, CITY OF CUMBERLAND COUNTY		
BRIEF DESCRIPTION			
The project will include the removal of the existing submersible sewage pump station equipment, the construction of an upgraded pump station and electrical controls, and new site piping. The new facilities will have backup capability via a manual transfer switch and electrical outlet hookup connections for a portable generator as well as a force main quick connection to a portable sewage pump and will restore the system to its original design operating capacity. Additionally, the project will construct a new access driveway (easement), approximately 540 feet, from Keen Street along the southwest property line back to the new pump station.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee %    Actual %
CWP - Sewer Grant - 22CWS089	\$290,183	Administrative Expenses	\$10,000
CWP Supplemental Pool-Increase	27,960	Land, Easements	5,132
CWP Grant 21CWS024	121,453	Eng - Design / Const	10.2%    9.0%    47,030
Local ARPA	157,000	Eng - Insp	7.3%    5.3%    28,000
Local Funds	33,311	Eng - Other	15,435
		Construction	489,310
		Contingency	35,000
TOTAL	<u>\$629,907</u>	TOTAL	<u>\$629,907</u>
PROFESSIONAL SERVICES	Engineer	GRW Engineers, Inc.	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 625	<u>Avg. Bill</u> \$ 34.28 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Cumberland County	\$ 178,833.00	
Supplemental Pool		\$ 139,310.00	
	Total	\$ 318,143.00	
Notes:			
Prior Approval:			
County Allocation Pool	Cumberland	\$ 178,833	December 27, 2022
Supplemental Pool	Supplemental Increase	\$ 111,350	April 23, 2024
Supplemental Pool	Supplemental Increase	\$ 27,960	Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWS091
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21199012
GRANTEE	BURNSIDE, CITY OF PULASKI COUNTY		
BRIEF DESCRIPTION			
The proposed project consists of a 4 inch force main from the new Burnside School to an existing force main along Cedar Grove Road. The project consists of approximately 5,000 LF of 4 inch force main and a railroad bore under the spur to the Cooper Power Plant.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 22CWS091	\$387,000	Administrative Expenses	\$10,000
CWP Supplemental Pool-Increase	360,000	Legal Expenses	2,500
		Eng - Design / Const	9.5% 4.4% 29,900
		Eng - Insp	6.5% 3.5% 24,000
		Construction	647,952
		Contingency	32,648
TOTAL	\$747,000	TOTAL	\$747,000
PROFESSIONAL SERVICES	Engineer	Haworth-Meyer-Boleyn Professional Engineers, LLC.	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 356	<u>Avg. Bill</u> \$ 56.92 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Pulaski County	\$ 387,000.00	
Supplemental Pool		\$ 360,000.00	
	Total	\$ 747,000.00	
Notes:			
Prior Approval:			
County Allocation Pool	Pulaski	\$ 323,400	December 27, 2022
County Allocation Pool	Reallocation	\$ 63,600	March 29, 2023
Supplemental Pool	Supplemental Increase	\$ 360,000	Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWS096
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21015019
GRANTEE	SANITATION DISTRICT #1 OF NORTHERN KENTUCKY BOONE COUNTY		
BRIEF DESCRIPTION			
Extend sanitary sewer, 570LF boring under I-275			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 22CWS096	\$1,500,000	Administrative Expenses	\$76,094
CWP Supplemental Pool-Increase	150,000	Land, Easements	100,000
Other Funding	1,631,256	Eng - Design / Const	7.3% 8.3% 233,420
		Eng - Insp	4.1% 1.8% 50,000
		Construction	2,544,000
		Contingency	277,742
TOTAL	<u>\$3,281,256</u>	TOTAL	<u>\$3,281,256</u>
PROFESSIONAL SERVICES	Engineer	C.T. Consultants, Inc.	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	0	\$ - (for 4,000 gallons)
	Additional	2,500	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Boone County	\$ 1,500,000.00	
Supplemental Pool		\$ 150,000.00	
	Total	\$ 1,650,000.00	
Notes:			
Prior Approval:			
County Allocation Pool	Boone	\$ 1,500,000	December 27, 2022
Supplemental Pool	Supplemental Increase	\$ 150,000	Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>		Reviewer CPBOC Date KIA Grant Number WRIS Number	Julie Bickers September 26, 2024 22CWS127 SX21145049
GRANTEE	PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY MCCRACKEN COUNTY		
BRIEF DESCRIPTION			
Project will provide for CIPP lining of 8 inch thru 24 inch gravity sanitary sewer pipe, including service line CIPP lining, as well as miscellaneous service line dig repair.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 22CWS127	\$947,000	Administrative Expenses	\$2,000
CWP Supplemental Increase	14,540	Eng - Design / Const	8.8% 3.6% 37,500
Local Funds	120,460	Eng - Insp	5.6% 0.7% 7,500
		Construction	900,000
		Contingency	135,000
TOTAL	\$1,082,000	TOTAL	\$1,082,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 14,772	<u>Avg. Bill</u> \$ 26.44 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	McCracken County	\$ 961,540.20	
	Total	\$ 961,540.20	
Notes:			
Prior Approval:			
County Allocation Pool	McCracken	\$ 947,000	December 27, 2022
County Allocation Pool	Reallocation	\$ 14,540	Pending Approval September 26, 2024
This grant is being allocated additional funds through the reallocation of remaining funds from a previously approved grant.			
Previous Grantee: Paducah McCracken County Joint Sewer Agency			
Previous Grant #22CWS124			
Previous Project: Woodlawn WWTP 201 Facility Plan			
Previous WRIS #SX21145045			
Prior Approval Date: December 27, 2022			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWS130
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21151060
GRANTEE	RICHMOND, CITY OF MADISON COUNTY		
BRIEF DESCRIPTION			
Approximately 6200 LF of 30-inch sewer pipe and 25 manholes. The installation of this gravity sewer will replace an existing 24-inch line and allow for conveyance of higher capacities.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 22CWS130	\$2,171,258	Administrative Expenses	\$20,000
CWP Supplemental Pool-Increase	349,916	Legal Expenses	100,000
CWP Grant 21CWS139	1,327,903	Land, Easements	20,000
		Planning	56,000
		Eng - Design / Const	7.6% 4.3% 134,000
		Eng - Insp	4.6% 2.9% 90,000
		Eng - Other	35,000
		Construction	2,954,077
		Contingency	190,000
		Other	250,000
TOTAL	\$3,849,077	TOTAL	\$3,849,077
PROFESSIONAL SERVICES	Engineer	Bell Engineering	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	Users	Avg. Bill
	Additional	110,279	\$ 47.05 (for 4,000 gallons)
		2	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Madison County	\$ 2,171,258.00	
Supplemental Pool		\$ 349,916.00	
	Total	\$ 2,521,174.00	
Notes:			
Prior Approval:			
County Allocation Pool	Madison	\$ 1,167,258	March 29, 2023
County Allocation Pool	Reallocation	\$ 1,004,000	August 29, 2024
Supplemental Pool	Supplemental Increase	\$ 349,916	Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWS154
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21157042
GRANTEE	BENTON, CITY OF MARSHALL COUNTY		
BRIEF DESCRIPTION			
<p>The City of Benton is currently under an EPA Agreed Order for violations related to sanitary sewer system overflows and pollutant removal at their wastewater treatment plant due to excessive levels of infiltration and inflow within their collection system. While the City is focusing efforts on removing I/I from their collection system, additional system improvements are necessary for proper containment and conveyance of the wastewater to the City's WWTP. This project includes the rehabilitation of 3 existing, aged lift stations (Riley, Jail, Cherry Circle) and electrical control improvements at 5 sites, which are deteriorated and in need of significant rehab efforts. The project will rehab the existing stations with epoxy lining of the wet wells, new valve vaults, new slide rail and piping systems, and pump controls.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee %    Actual %
CWP - Sewer Grant - 22CWS154	\$480,779	Legal Expenses	\$5,000
CWP Supplemental Pool-Increase	105,187	Planning	14,400
CWP Grant 21CWS076	571,090	Eng - Design / Const	8.8%    6.0%    62,300
Local Funds	3,088	Eng - Insp	5.6%    4.7%    48,000
		Construction	1,030,444
TOTAL	<u>\$1,160,144</u>	TOTAL	<u>\$1,160,144</u>
PROFESSIONAL SERVICES	Engineer	Rivercrest Engineering Incorporated	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 2,143	<u>Avg. Bill</u> \$ 23.00 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Marshall County	\$ 480,779.00	
Supplemental Pool		\$ 105,187.00	
	Total	\$ 585,966.00	
Notes:			
Prior Approval:			
County Allocation Pool	Marshall	\$ 480,779	March 29, 2023
Supplemental Pool	Supplemental Increase	\$ 105,187	Pending Approval September 26, 2024



<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWS158
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21117007
GRANTEE	SANITATION DISTRICT #1 OF NORTHERN KENTUCKY KENTON COUNTY		
BRIEF DESCRIPTION			
This project involves the construction of a 10.5 MG EQ tank and a PS, and approximately 2,200 LF of 20" pipe.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 22CWS158	\$10,269,739	Administrative Expenses	\$347,441
CWP Supplemental Pool-Increase	1,026,974	Land, Easements	50,000
CWP Grant 21CWS135	5,646,494	Planning	52,681
Local Funds	12,970,696	Eng - Design / Const	0.0% 1.3% 367,301
		Eng - Insp	0.0% 1.1% 303,550
		Construction	26,142,000
		Contingency	2,650,930
TOTAL	\$29,913,903	TOTAL	\$29,913,903
PROFESSIONAL SERVICES	Engineer	Tetra Tech Inc	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 107,393	<u>Avg. Bill</u> \$ 42.75 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Kenton County	\$ 10,269,739.00	
Supplemental Pool		\$ 1,026,974.00	
	Total	\$ 11,296,713.00	
Notes:			
Prior Approval:			
County Allocation Pool	Reallocation	7,597,786	September 27, 2023
County Allocation Pool	Reallocation	600,000	September 27, 2023
County Allocation Pool	Reallocation	2,071,953	September 27, 2023
Supplemental Pool	Supplemental Increase	1,026,974	Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWS172
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21137024
GRANTEE	LINCOLN COUNTY SANITATION DISTRICT LINCOLN COUNTY		
BRIEF DESCRIPTION			
THIS PROJECT IS SUBMITTING FOR A P&D LOAN FOR 2024 SRF. The project is the continuation of the sanitary sewer project for the US 127 corridor between Hustonville and Junction City. This is the Phase 3 portion of the project which will include the subdivisions along Ky Hwy 2141 (old US 127) and the area of Moreland west of the Railroad. It will also include a small portion of the City of Hustonville not included in Phase 1. This project will complete the US 127 Corridor area of Lincoln County for the Lincoln County Sanitation District by extending sanitary sewer to the majority of the developed areas. The Phase 3 project will plan to serve approximately 350 households and businesses. Any other existing housing in the area would be too costly to sever with sanitary sewer due to the distances between properties.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 22CWS172	\$287,288	Administrative Expenses	\$90,000
CWP Supplemental Pool-Increase	36,017	Legal Expenses	45,000
Other Funding	7,381,385	Land, Easements	45,000
		Planning	20,000
		Eng - Design / Const	6.6% 6.5% 441,110
		Eng - Insp	3.2% 2.9% 199,000
		Eng - Other	45,000
		Construction	6,251,080
		Contingency	568,500
TOTAL	\$7,704,690	TOTAL	\$7,704,690
PROFESSIONAL SERVICES	Engineer	AGE Engineering Services	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	438	\$ 58.53 (for 4,000 gallons)
	Additional	345	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Lincoln County	\$ 287,288.00	
Supplemental Pool		\$ 36,017.00	
	Total	\$ 323,305.00	
Notes:			
Prior Approval:			
County Allocation Pool	Lincoln	\$ 287,288	May 23, 2024
Supplemental Pool	Supplemental Increase	\$ 36,017	Pending Approval September 26, 2024

**EXECUTIVE SUMMARY**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**DRINKING WATER AND WASTEWATER GRANT PROGRAM**  
**CLEANER WATER PROGRAM GRANT**

Reviewer Julie Bickers  
 CPBOC Date September 26, 2024  
 KIA Grant Number 22CWS176  
 WRIS Number SX21221007

GRANTEE CADIZ, CITY OF  
 TRIGG COUNTY

**BRIEF DESCRIPTION**

The City of Cadiz proposes to make improvements to the WWTP, lift station and force main to improve the efficiency and operations of the system.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %	
CWP - Sewer Grant - 22CWS176	\$283,340	Administrative Expenses				\$7,500
		Eng - Design / Const	11.8%	14.9%		35,700
		Construction				238,000
		Contingency				2,140
<b>TOTAL</b>	<b>\$283,340</b>	<b>TOTAL</b>				<b>\$283,340</b>

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE  
 Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES  
 Current Users Avg. Bill  
 1,184 \$ 34.02 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Trigg County	\$ 283,340.00		
	Total	\$ 283,340.00		

**Notes:**

This grant is a reallocation of remaining funds from a previously approved grant.  
 Previous Grantee: City of Cadiz  
 Previous Grant #22CWS118  
 Previous Project: Cadiz - Walking Trail Sewer Line Replacement  
 Previous WRIS #SX21221004  
 Prior Approval Date: December 27, 2022

**EXECUTIVE SUMMARY**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**DRINKING WATER AND WASTEWATER GRANT PROGRAM**  
**CLEANER WATER PROGRAM GRANT**

Reviewer Julie Bickers  
 CPBOC Date September 26, 2024  
 KIA Grant Number 22CWS177  
 WRIS Number SX21013018

GRANTEE MIDDLESBORO, CITY OF  
 BELL COUNTY

**BRIEF DESCRIPTION**

Sewer line replacement for approximately 400 LF of 10" gravity sewer along Winchester Avenue (KY 2079) in Middlesboro. Existing line has collapsed and lies under existing pavement.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %	
CWP - Sewer Grant - 22CWS177	\$384,949	Eng - Design / Const		10.9%	4.2%	\$15,000
		Eng - Insp		8.4%	4.2%	15,000
		Construction				318,775
		Contingency				36,174
<b>TOTAL</b>	<b>\$384,949</b>	<b>TOTAL</b>				<b>\$384,949</b>

PROFESSIONAL SERVICES Engineer Vaughn & Melton Consulting Engineers, Inc

PROJECT SCHEDULE  
 Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES  
 Current Users 4,921 Avg. Bill \$ 12.92 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Bell County	\$ 384,949.00		
	Total	\$ 384,949.00		

**Notes:**

This grant is a reallocation from a previously approved grant.  
 Previous Grantee: City of Middlesboro  
 Previous Grant #22CWS135  
 Previous Project: Middlesboro WWTP Improvements - Phase 2  
 Previous WRIS #SX21013015  
 Prior Approval Date: March 29, 2023

**EXECUTIVE SUMMARY**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**DRINKING WATER AND WASTEWATER GRANT PROGRAM**  
**CLEANER WATER PROGRAM GRANT**

Reviewer Julie Bickers  
 CPBOC Date September 26, 2024  
 KIA Grant Number 22CWS178  
 WRIS Number SX21013019

GRANTEE MIDDLESBORO, CITY OF  
 BELL COUNTY

**BRIEF DESCRIPTION**

The City of Middlesboro's sewer system is under a consent judgement that requires them to complete a sewer system evaluation study (SSES). This study will also require flow monitoring to be performed to identify problem areas within the collection system.

PROJECT FINANCING		PROJECT BUDGET	RD Fee %	Actual %
CWP - Sewer Grant - 22CWS178	\$130,000	Planning		\$130,000
<b>TOTAL</b>	<b>\$130,000</b>	<b>TOTAL</b>		<b>\$130,000</b>

PROFESSIONAL SERVICES Engineer Vaughn & Melton Consulting Engineers, Inc

PROJECT SCHEDULE  
 Bid Opening NA  
 Construction Start NA  
 Construction Stop NA

RESIDENTIAL RATES  
 Current Users 0 \$ Avg. Bill - (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Bell County	\$ 130,000.00		
	<b>Total</b>	<b>\$ 130,000.00</b>		

**Notes:**

This grant is a reallocation from a previously approved grant.  
 Previous Grantee: City of Middlesboro  
 Previous Grant #22CWS135  
 Previous Project: Middlesboro WWTP Improvements - Phase 2  
 Previous WRIS #SX21013015  
 Prior Approval Date: March 29, 2023

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWS179
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21185049
GRANTEE	OLDHAM COUNTY FISCAL COURT OLDHAM COUNTY		
BRIEF DESCRIPTION			
This project consist of installing a new underground pipe system located along the back property lines of the residences located along Confederate Place Drive. The new storm system is designed to carry the flow for a 10 year storm event. Multiple drop box inlets will be added to contain the storm water runoff from the adjacent subdivision and connected through a series of storm sewer pipes with an outlet to the tributary to Floyd's Fork located on the south side of the Ashbrooke Subdivision.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 22CWS179	\$274,486	Administrative Expenses	\$15,000
Other Funding	358,848	Legal Expenses	20,000
		Land, Easements	145,000
		Eng - Design / Const	10.9% 9.4% 34,000
		Eng - Insp	8.3% 7.4% 27,000
		Eng - Other	29,000
		Construction	300,000
		Contingency	63,334
TOTAL	\$633,334	TOTAL	\$633,334
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	February 1, 2025	
	Construction Start	April 1, 2025	
	Construction Stop	December 1, 2025	
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	Allocated County	Allocated Amount	
County Allocation Pool	Oldham County	\$ 274,486.00	
	Total	\$ 274,486.00	
Notes:			
This grant is a reallocation from a previously approved grant. Previous Grantee: Louisville Water Company Previous Grant #22CWW160 Previous Project: W Highway 146 Water Main Extension Previous WRIS #WX21185058 Prior Approval Date: December 27, 2022			

**EXECUTIVE SUMMARY**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**DRINKING WATER AND WASTEWATER GRANT PROGRAM**  
**CLEANER WATER PROGRAM GRANT**

Reviewer Julie Bickers  
 CPBOC Date September 26, 2024  
 KIA Grant Number 22CWS180  
 WRIS Number SX21199036

GRANTEE SCIENCE HILL, CITY OF  
 PULASKI COUNTY

**BRIEF DESCRIPTION**

City of Science will extend its existing gravity sewer system approximately 900ft north towards the intersection of KY635 and US27 to eliminate two existing package grinder stations. Both stations are reaching the end of their useful life. One has deteriorated structurally to the point that it is a hazard to the general public. This extension will also allow for potential expanded service in this area.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Sewer Grant - 22CWS180	\$290,000	Land, Easements			\$7,500
		Planning			5,000
		Eng - Design / Const	11.9%	11.0%	25,000
		Eng - Insp	10.0%	9.3%	21,000
		Eng - Other			5,000
		Construction			205,500
		Contingency			21,000
<b>TOTAL</b>	<b>\$290,000</b>	<b>TOTAL</b>			<b>\$290,000</b>

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES Current Users 401 Avg. Bill \$ 29.92 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Pulaski County	\$ 290,000.00
	Total	\$ 290,000.00

**Notes:**

This grant is a reallocation from a previously approved grant.  
 Previous Grantee: City of Science Hill  
 Previous Grant #22CWS092  
 Previous Project: Science Hill Wastewater Treatment Plant Upgrades  
 Previous WRIS #SX21199013  
 Prior Approval Date: December 27, 2022

**EXECUTIVE SUMMARY**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**DRINKING WATER AND WASTEWATER GRANT PROGRAM**  
**CLEANER WATER PROGRAM GRANT**

Reviewer Julie Bickers  
 CPBOC Date September 26, 2024  
 KIA Grant Number 22CWS181  
 WRIS Number SX21211026

GRANTEE SHELBYVILLE MUNICIPAL WATER & SEWER COMMISSION  
 SHELBY COUNTY

**BRIEF DESCRIPTION**

This project will be Phase II of a project that will construct a new 30-inch gravity sewer main from the Brighton Pump Station to the new Shelbyville Wastewater Treatment Plant and will also eliminate two sewage pumping stations in the process. This Phase II of the project will construct approximately \_\_\_\_\_ linear feet (LF) of the 30-inch gravity sewer main and will end on the westward end of Highway 55 after going underneath of it from the east along Old Brunerstown Rd. The two pump stations that will be eliminated through the entire project (Phases II & III) are known as the "Highway 55 Pump Station" and the "Windhurst Industrial Park Pump Station." Both of these pump stations are in Shelbyville's industrial park area. In order to successfully continue economic growth in this area of Shelbyville and in Shelby County as a whole, these two pump stations need to be eliminated. Upgrading these pump stations to adequate performance standards would be very costly and would not be in the city or the county's best financial interests. The "Highway 55 Station" is currently at capacity and has several Sanitary Sewer Overflows (SSOs) every year. By eliminating these two problematic pump stations and installing the new 30-inch gravity sewer main, no further economic development money will be required to help keep the two problematic pump stations from failing.

PROJECT FINANCING		PROJECT BUDGET		
		RD Fee %	Actual %	
CWP - Sewer Grant - 22CWS181	\$182,951			Administrative Expenses \$10,070
CWP Supplemental Increase	27,093			Land, Easements 125,000
CWP Grant 21CWS155	175,000	Eng - Design / Const 7.9%	7.5%	133,900
Local Funds	1,759,956	Eng - Insp 4.8%	4.6%	83,025
		Eng - Other		5,000
		Construction		1,788,005
<b>TOTAL</b>	<b>\$2,145,000</b>	<b>TOTAL</b>		<b>\$2,145,000</b>

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES Current Users 8,444 Avg. Bill \$ 21.95 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Shelby County	\$ 210,043.75		
	<b>Total</b>	<b>\$ 210,043.75</b>		

**Notes:**

Approval:  
 County Allocation Pool Reallocation \$ 182,951 Pending Approval September 26, 2024  
 County Allocation Pool Reallocation \$ 27,093 Pending Approval September 26, 2024

This grant is a reallocation of remaining funds from a previously approved grant.  
 Previous Grantee: Shelbyville Municipal Water & Sewer Commission  
 Previous Grant #22CWS079  
 Previous Project: Shelby County Detention Center Gravity Sewer  
 Previous WRIS #SX21211024  
 Prior Approval Date: December 27, 2022

This grant is being allocated additional funds through the reallocation of a previously approved grant.  
 Previous Grantee: Shelbyville Municipal Water & Sewer Commission  
 Previous Grant #22CWS078  
 Previous Project: Shelbyville 36-Inch Gravity Sewer  
 Previous WRIS #SX21211020  
 Prior Approval Date: December 27, 2022



<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer CPBOC Date KIA Grant Number WRIS Number	Julie Bickers September 26, 2024 22CWS182 SX21111024
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GRANTEE	LOUISVILLE AND JEFFERSON COUNTY MSD JEFFERSON COUNTY
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**BRIEF DESCRIPTION**

This project will construct a new flood pumping station that shall provide a total estimated pumping capacity of 1,900 MGD. The project will include six new flood pumps, motors, trash rack, and discharge pipes (3,062 LF of 90-in PVC) . This project will also install all necessary SCADA, electrical, and mechanical components to operate the new flood pumps, in addition to the required aesthetic, plumbing, and HVAC equipment. This project is currently planned to be completed using a progressive design-build project delivery approach. This project will also be multi-year, with an anticipated completion date in December 2026. The existing FPS will be decommissioned, and the new pump station will incorporate new energy efficient pumps and motors, lighting, VFD controllers, and a SCADA system. It was assumed that the power and energy savings would be seen over a 20-year timeframe and the total energy saved by implementing energy efficient motors and pumps, SCADA systems, and VFD controllers would be 15%. This project has received \$13 million in Cleaner Waters Grants and has also been selected to receive \$1.19 million dollars in emerging contaminants forgivable loan dollars in the FY23 SRF intended use plan. The emerging contaminants that this project will help to prevent is PFAS. With the protection of a site known as Rubbertown because of the many major industrial plants in the area including Borden Chemical, DuPont Dow Eastomers, Noveon, DowChemical, and Zeon Chemicals, these volatile chemicals will be protected from contaminating the Ohio River. The attached environmental impact memo describes how this project meets the emerging contaminants requirements. Louisville MSD's cybersecurity program is comprehensive and covers many different aspects including network boundary protection, endpoint protection, firewalls, intrusion detection/prevention, access control, training and awareness, and other information security measures. This level of protection is critical to protect MSD's cyber infrastructure involved in this project, such as the implementation of SCADA systems and VFD controllers.

PROJECT FINANCING		PROJECT BUDGET		
			RD Fee %	Actual %
CWP - Sewer Grant - 22CWS182	\$2,440,316	Administrative Expenses		\$11,096,295
CWP Grant 21CWS054	14,568,371	Eng - Design / Const	#DIV/0!	1.1%
KIA Loan A23-007	54,006,047	Eng - Insp	#DIV/0!	3.7%
KIA Loan A23-007E	3,663,180	Eng - Other		1,680,000
Local	166,740,678	Construction		174,557,979
		Equipment		27,164,320
		Contingency		17,248,091
		Other		390,000
<b>TOTAL</b>	<b>\$241,418,592</b>	<b>TOTAL</b>		<b>\$241,418,592</b>

PROFESSIONAL SERVICES	Engineer	HDR Engineering
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PROJECT SCHEDULE	Bid Opening	December 1, 2022
	Construction Start	February 1, 2023
	Construction Stop	December 31, 2026

RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
Current		133,588	\$ 61.73 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Jefferson County	\$ 2,440,316.00		
	Total	\$ 2,440,316.00		

**Notes:**

This grant is a reallocation of remaining funds from a previously approved grant.  
 Previous Grantee: Louisville and Jefferson County MSD  
 Previous Grant #22CWS074  
 Previous Project: South Fork Beargrass Creek Dry Bed - Dry Bed Capacity Restoration  
 Previous WRIS #SX21111034  
 Prior Approval Date: December 27, 2022

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWS183
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21169018
GRANTEE	EDMONTON, CITY OF METCALFE COUNTY		
BRIEF DESCRIPTION			
<p>The project includes the construction of an earthen embankment adjacent to and upstream of an existing BIOLAC Treatment Systems retention skirting (curtain). Once the embankment is in place, the skirt will be removed in its entirety. Furthermore, the embankment will serve to create a Wet Weather Retention Basin to be developed in later phases. The improvements included in this project represent the initial phase of a larger project (WX21155061).</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 22CWS183	\$200,000	Administrative Expenses	\$500
Other Funding	16,000	Legal Expenses	500
		Eng - Design / Const	12.6% 11.8% 20,700
		Eng - Insp	11.0% 10.4% 18,300
		Construction	160,000
		Contingency	16,000
TOTAL	\$216,000	TOTAL	\$216,000
PROFESSIONAL SERVICES	Engineer	Monarch Engineering, Incorporated	
PROJECT SCHEDULE	Bid Opening	November 1, 2024	
	Construction Start	December 1, 2024	
	Construction Stop	March 1, 2024	
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	Allocated County	Allocated Amount	
County Allocation Pool	Metcalfe County	\$ 200,000.00	
	Total	\$ 200,000.00	
Notes:			
<p>This grant is a reallocation from a previously approved grant.          Previous Grantee: City of Edmonton          Previous Grant #22CWS029          Previous Project: WWTP Wet Weather Retention Improvements          Previous WRIS #SX21169017          Prior Approval Date: December 27, 2022</p>			

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer	Julie Bickers
	CPBOC Date	September 26, 2024
	KIA Grant Number	22CWS184
	WRIS Number	SX21139022

GRANTEE	SMITHLAND, CITY OF LIVINGSTON COUNTY
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**BRIEF DESCRIPTION**

Project involves the replacement of existing WWTP pumps, existing WWTP filters, and add a PAA (disinfection) system that will assist the UV system. These improvements will satisfy the DOE/DOW while the city prepares to pursue the construction of a new WWTP in the future. This project will replace mechanical equipment at the existing wastewater treatment plant as a short term solution to the Consent Judgement from the KY Division of Enforcement. This project will including planning, design, funding assistance, and construction services related to the existing WWTP by utilizing the Cleaner Water monies in place for the city. The project will replace the influent pumps and add VFD controls, replace the existing two filters as well as add a PAA disinfection system to the process. These changes will improve the reliability of the plant while a new plant is to be designed and constructed which will take the facultative lagoon permanently out of service. Much of the equipment invested with this project may be transferred to the new WWTP for use or as spare equipment.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Sewer Grant - 22CWS184	\$114,000	Administrative Expenses			\$2,500
CWP Grant 21CWS154	187,330	Planning			5,000
		Eng - Design / Const	11.9%	19.2%	45,000
		Eng - Insp	9.9%	6.4%	15,000
		Construction			233,830
<b>TOTAL</b>	<b>\$301,330</b>	<b>TOTAL</b>			<b>\$301,330</b>

PROFESSIONAL SERVICES	Engineer	Eclipse Engineers, PLLC
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PROJECT SCHEDULE	Bid Opening	TBD
	Construction Start	TBD
	Construction Stop	TBD

RESIDENTIAL RATES	<u>Users</u>	<u>Avg. Bill</u>
Current	180	\$ 54.71 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Livingston County	\$ 114,000.00
	Total	\$ 114,000.00

Notes:

This grant is a reallocation from a previously approved grant.  
 Previous Grantee: City of Smithland  
 Previous Grant #22CWS112  
 Previous Project: Smithland Lagoon Rehabilitation Project  
 Previous WRIS #SX21139014  
 Prior Approval Date: December 27, 2022

**EXECUTIVE SUMMARY**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**DRINKING WATER AND WASTEWATER GRANT PROGRAM**  
**CLEANER WATER PROGRAM GRANT**

Reviewer Julie Bickers  
 CPBOC Date September 26, 2024  
 KIA Grant Number 22CWS185  
 WRIS Number SX21075012

GRANTEE HICKMAN, CITY OF  
 FULTON COUNTY

BRIEF DESCRIPTION  
 System will conduct evaluations in order to identify and mitigate I&I

PROJECT FINANCING		PROJECT BUDGET	RD Fee %	Actual %
CWP - Sewer Grant - 22CWS185	\$197,876	Construction		\$307,485
CWP Grant 21CWS033	109,609			
<b>TOTAL</b>	<b>\$307,485</b>	<b>TOTAL</b>		<b>\$307,485</b>

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES Current Users 888 Avg. Bill \$ 32.32 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Fulton County	\$ 197,876.00		
	Total	\$ 197,876.00		

Notes:

This grant is a reallocation from a previously approved grant.  
 Previous Grantee: City of Hickman  
 Previous Grant #22CWS121  
 Previous Project: WWTP Improvement (Phase II) & Sanitary Sewer Rehab  
 Previous WRIS #SX21075010  
 Prior Approval Date: December 27, 2022

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer CPBOC Date KIA Grant Number WRIS Number	Julie Bickers September 26, 2024 22CWW015 WX21113033
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GRANTEE	JESSAMINE COUNTY WATER DISTRICT #1 JESSAMINE COUNTY
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**BRIEF DESCRIPTION**

This project is to improve available pressure and flow to existing customers in the Ashgrove Pike and Catnip Hill area by increasing line size. This project will also allow for fire protection for the existing residences in this area with the installation of new fire hydrants allowed by the increased line size. 1500' of 12" WL, 5500' of 8" WL and 500' of 6" Water line will be installed as part of this project. In addition, the project also includes a new office building and operations center that will be constructed for the water district to consolidate its administrative and field services into a single location.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 22CWW015	\$241,419	Administrative Expenses			\$25,000
CWP Supplemental Increase	241,419	Legal Expenses			18,000
Other Funding	1,880,662	Land, Easements			5,000
		Planning			10,000
		Eng - Design / Const	7.6%	8.1%	165,000
		Eng - Insp	4.6%	4.6%	93,500
		Eng - Other			7,000
		Construction			1,863,000
		Contingency			177,000
<b>TOTAL</b>	<b>\$2,363,500</b>	<b>TOTAL</b>			<b>\$2,363,500</b>

PROFESSIONAL SERVICES	Engineer	Haworth-Meyer-Boleyn Professional Engineers, LLC.
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PROJECT SCHEDULE	Bid Opening	January 30, 2026
	Construction Start	April 30, 2026
	Construction Stop	April 30, 2027

RESIDENTIAL RATES	Current	<u>Users</u>	<u>Avg. Bill</u>
		2,691	\$ 37.59 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Jessamine County	\$	482,838.00	
	Total	\$	482,838.00	

Notes:

Prior Approvals:

County Allocation Pool	Jessamine	\$	241,419	December 27, 2022
County Allocation Pool	Reallocation	\$	241,419	Pending Approval September 26, 2024

This grant is being allocated additional funds through the reallocation of a previously approved grant.  
Previous Grantee: Jessamine County Water District #1  
Previous Grant #22CWW019  
Previous Project: JCWD #1 - US 27 Water Systems Improvement  
Previous WRIS #WX21113051  
Prior Approval Date: December 27, 2022

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer CPBOC Date KIA Grant Number WRIS Number	Julie Bickers September 26, 2024 22CWW036 WX21227108
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GRANTEE	WARREN COUNTY WATER DISTRICT WARREN COUNTY
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BRIEF DESCRIPTION

This project consists of approximately 18,000' of new 12" water line.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 22CWW036	\$2,200,000	Administrative Expenses			\$10,000
CWP Supplemental Increase	286,720	Legal Expenses			10,000
		Land, Easements			15,000
		Eng - Design / Const	7.5%	1.3%	30,000
		Eng - Insp	4.4%	1.3%	30,000
		Eng - Other			5,000
		Construction			2,286,720
		Contingency			100,000
<b>TOTAL</b>	<b>\$2,486,720</b>	<b>TOTAL</b>			<b>\$2,486,720</b>

PROFESSIONAL SERVICES	Engineer	TBD
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PROJECT SCHEDULE	Bid Opening	TBD
	Construction Start	TBD
	Construction Stop	TBD

RESIDENTIAL RATES	Current	<u>Users</u> 34,137	\$	<u>Avg. Bill</u> 23.98 (for 4,000 gallons)
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REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Warren County	\$	2,486,720.00	
	Total	\$	2,486,720.00	

Notes:

Prior Approval:				
County Allocation Pool	Warren	\$	2,200,000	December 27, 2022
County Allocation Pool	Reallocation	\$	286,720	Pending Approval September 26, 2024

This grant is being allocated additional funds through the reallocation of a previously approved grant.  
 Previous Grantee: Warren County Water District  
 Previous Grant #22CWW034  
 Previous Project: WCWD - Woodburn Tank Replacement & HWY 68W Reservoir  
 Previous WRIS #WX21227083  
 Prior Approval Date: December 27, 2022

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWW056
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21061033
GRANTEE	EDMONSON COUNTY WATER DISTRICT HART COUNTY		
BRIEF DESCRIPTION			
Install Booster Station on HWY 88 near Cub Run KY. This station will aid in meeting increasing demand in the Cub Run and Kessinger service areas.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 22CWW056	\$157,214	Administrative Expenses	\$3,065
CWP Supplemental Pool-Increase	15,721	Legal Expenses	2,000
Other Funding	34,481	Land, Easements	1,000
		Eng - Design / Const	12.9% 10.6% 17,059
		Eng - Insp	11.4% 8.4% 13,414
		Eng - Other	3,208
		Construction	145,800
		Contingency	14,580
		Other	7,290
TOTAL	\$207,416	TOTAL	\$207,416
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 11,279	<u>Avg. Bill</u> \$ 32.70 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Hart County	\$ 157,214.00	
Supplemental Pool		\$ 15,721.00	
	Total	\$ 172,935.00	
Notes:			
Prior Approval:			
County Allocation Pool	Hart	\$ 157,214.00	December 27, 2022
Supplemental Pool	Supplemental Increase	\$ 15,721.00	Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWW068
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21195050
GRANTEE	MOUNTAIN WATER DISTRICT PIKE COUNTY		
BRIEF DESCRIPTION			
The project consists of the installation of approximately 3,000 linear feet of 4" PVC waterline, 1,418 linear feet of 4" Ductile Iron piping to provide safe drinking water to four (4) unserved households in the Peach Orchard area of Pike County. The 4" Ductile Iron piping is replaced with a section of 3 inches and a small amount of 1 inch PVC piping.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 22CWW068	\$313,000	Administrative Expenses	\$7,050
CWP Supplemental Pool-Increase	31,300	Eng - Design / Const	11.7% 10.2% 28,900
		Eng - Insp	9.6% 8.2% 23,100
		Construction	266,259
		Contingency	16,446
		Other	2,545
TOTAL	\$344,300	TOTAL	\$344,300
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 16,092	<u>Avg. Bill</u> \$ 54.91 (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	Pike County	\$ 313,000.00	
Supplemental Pool		\$ 31,300.00	
	Total	\$ 344,300.00	
Notes:			
Prior Approval:			
County Allocation Pool	Pike	\$ 313,000	December 27, 2022
Supplemental Pool	Supplemental Increase	\$ 31,300	Pending Approval September 26, 2024



**EXECUTIVE SUMMARY**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**DRINKING WATER AND WASTEWATER GRANT PROGRAM**  
**CLEANER WATER PROGRAM GRANT**

Reviewer Julie Bickers  
 CPBOC Date September 26, 2024  
 KIA Grant Number 22CWW074  
 WRIS Number WX21161046

GRANTEE WESTERN MASON WATER DISTRICT  
 MASON COUNTY

**BRIEF DESCRIPTION**

The project involves the rehabilitation of four (4) of the District's glass lined storage tanks. The tanks include Germantown, Highland Heights, Minerva and Dover. The District has recently had each tank inspected and the inspections indicate the need for immediate maintenance on two of the tanks. Repairs and maintenance on the tanks include pressure washing, resealing of seams on panels, repair of overflow pipes, removal and installation of new cathodic protection and touch up in necessary areas. Additionally, the project will include the installation of transfer switches and connection lugs at six (6) different sites within the distribution system. This will allow the quick connection of a generator in an emergency situation. The six (6) sites include: well pumps, WTP, Dover tank site, Minerva tank site, Highland Heights tank site, and Germantown tank site. The project also includes the installation of two (2) VFD's at the Dover booster pump station to allow for taking the Dover tank out of service.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 22CWW074	\$239,250	Administrative Expenses			\$10,000
CWP Supplemental Pool-Increase	38,816	Planning			2,500
CWP Grant 21CWW144	148,914	Eng - Design / Const	10.9%	9.5%	34,850
Other Funding	14,870	Eng - Insp	8.3%	7.8%	28,500
		Construction			333,000
		Contingency			33,000
<b>TOTAL</b>	<b>\$441,850</b>	<b>TOTAL</b>			<b>\$441,850</b>

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE  
 Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES  
 Current Users 1,062 Avg. Bill \$ 73.91 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Mason County	\$ 239,250.00
Supplemental Pool		\$ 38,816.00
	Total	\$ 278,066.00

**Notes:**

Prior Approval:  
 County Allocation Pool Mason \$ 239,250 December 27, 2022  
 Supplemental Pool Supplemental Increase \$ 38,816 Pending Approval September 26, 2024

**EXECUTIVE SUMMARY**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**DRINKING WATER AND WASTEWATER GRANT PROGRAM**  
**CLEANER WATER PROGRAM GRANT**

Reviewer Julie Bickers  
 CPBOC Date September 26, 2024  
 KIA Grant Number 22CWW097  
 WRIS Number WX21063012

GRANTEE ELLIOTT COUNTY FISCAL COURT  
 ELLIOTT COUNTY

**BRIEF DESCRIPTION**

Elliott County will run a 3" water main up KY-566 to Big Stone Road and along that road for approximately 4000 feet. To keep water pressure at appropriate levels, a small pump station will be needed. This will serve existing unserved people and a development project in the area.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 22CWW097	\$392,753	Administrative Expenses			\$5,000
CWP Supplemental Pool-Increase	5,000	Eng - Design / Const	11.2%	5.9%	21,000
		Eng - Insp	8.7%	3.9%	14,000
		Construction			357,753
<b>TOTAL</b>	<b>\$397,753</b>	<b>TOTAL</b>			<b>\$397,753</b>

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE  
 Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES	Users	Avg. Bill
Current	1,149	\$ 66.24 (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	Elliott County	\$ 250,000.00
Supplemental Pool		\$ 147,753.00
	<b>Total</b>	<b>\$ 397,753.00</b>

**Notes:**

Prior Approval:

County Allocation Pool	Elliott	\$ 250,000	December 27, 2022
Supplemental Pool	Supplemental Increase	\$ 25,000	September 27, 2023
Supplemental Pool	Supplemental Increase	\$ 81,386	October 25, 2023
Supplemental Pool	Supplemental Increase	\$ 36,367	July 31, 2024
Supplemental Pool	Supplemental Increase	\$ 5,000	Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>		Reviewer CPBOC Date KIA Grant Number WRIS Number	Julie Bickers September 26, 2024 22CWW132 WX21059030
GRANTEE	WHITESVILLE, CITY OF DAVISS COUNTY		
BRIEF DESCRIPTION			
This project will connect two dead end distribution lines to form a loop and improve water quality along Morgantown Road. Will also install hydrants along this line after consulting with engineering services & the fire department to determine the ideal locations to install them.			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 22CWW132	\$260,000	Administrative Expenses	\$3,000
CWP Supplemental Increase	142,970	Eng - Design / Const	10.8% 2.6% 10,000
		Construction	371,400
		Contingency	18,570
<b>TOTAL</b>	<b>\$402,970</b>	<b>TOTAL</b>	<b>\$402,970</b>
PROFESSIONAL SERVICES	Engineer	Bryant Engineering, Inc.	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 1,455	<u>Avg. Bill</u> \$ 35.85 (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	Daviess County	\$ 402,970.00	
	Total	\$ 402,970.00	
Notes:			
Prior Approval:			
County Allocation Pool	Daviess	\$ 260,000	December 27, 2022
County Allocation Pool	Reallocation	\$ 29,970	Pending Approval September 26, 2024
County Allocation Pool	Reallocation	\$ 113,000	Pending Approval September 26, 2024
This grant is being allocated additional funds through the reallocation of remaining funds from a previously approved grant. Previous Grantee: Daviess County Fiscal Court Previous Grant #22CWW143 Previous Project: Daviess County Fiscal Court Hydrants Project Previous WRIS #WX21059102 Prior Approval Date: December 27, 2022			
This grant is being allocated additional funds through the reallocation of remaining funds from a previously approved grant. Previous Grantee: City of Whitesville Previous Grant #22CWW142 Previous Project: City of Whitesville Hydrants Project Previous WRIS #WX21059100 Prior Approval Date: December 27, 2022			

**EXECUTIVE SUMMARY**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**DRINKING WATER AND WASTEWATER GRANT PROGRAM**  
**CLEANER WATER PROGRAM GRANT**

Reviewer Julie Bickers  
 CPBOC Date September 26, 2024  
 KIA Grant Number 22CWW136  
 WRIS Number WX21059078

GRANTEE DAVIESS COUNTY WATER DISTRICT  
 DAVIESS COUNTY

**BRIEF DESCRIPTION**

Upgrade approximately 8,000 Linear Feet of 12-inch waterline to a 16-inch waterline from the Wing Avenue Pump Station to Hwy 54 at Wimsatt Court at a cost of \$3,631,345.00. The upgraded 16-inch waterline will improve pumping capacity to all 8,000 meters served by the southeast portion of the Daviess County Water District system, Owensboro Health, and the City of Whitesville.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 22CWW136	\$353,593	Administrative Expenses			\$10,000
CWP Supplemental Increase	122,500	Legal Expenses			4,000
CWP Grant 21CWW045	1,310,000	Land, Easements			1,000
Other Funding	1,845,252	Planning			146,000
		Eng - Design / Const	7.1%	4.4%	146,000
		Construction			3,022,132
		Contingency			302,213
<b>TOTAL</b>	<b>\$3,631,345</b>	<b>TOTAL</b>			<b>\$3,631,345</b>

PROFESSIONAL SERVICES Engineer Bryant Engineering, Inc.

PROJECT SCHEDULE  
 Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES  
 Current Users 13,232 Avg. Bill \$ 30.04 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Daviess County	\$ 476,093.22		
	Total	\$ 476,093.22		

**Notes:**

Prior Approval:  
 County Allocation Pool Daviess \$ 351,500 December 27, 2022  
 County Allocation Pool Reallocation \$ 2,093 June 20, 2024  
 County Allocation Pool Reallocation \$ 122,500 Pending Approval September 26, 2024

This grant is being allocated additional funds through the reallocation of remaining funds from a previously approved grant.  
 Previous Grantee: Daviess County Fiscal Court  
 Previous Grant #22CWW143  
 Previous Project: Daviess County Fiscal Court Hydrants Project  
 Previous WRIS #WX21059102  
 Prior Approval Date: December 27, 2022

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer	Julie Bickers
	CPBOC Date	September 26, 2024
	KIA Grant Number	22CWW140
	WRIS Number	WX21059088

GRANTEE	OWENSBORO MUNICIPAL UTILITIES DAVIESS COUNTY
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BRIEF DESCRIPTION

Construct two groundwater drinking water wells within the established Well Head Protection Area.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 22CWW140	\$500,000	Land, Easements			\$31,835
CWP Supplemental Increase	37,857	Planning			81,596
CWP Grant 21CWW365	17,940	Eng - Design / Const	10.1%	7.5%	39,759
Local Funds	194,203	Eng - Insp	7.2%	1.0%	5,269
		Construction			529,652
		Equipment			50,730
		Other			11,159
<b>TOTAL</b>	<b>\$750,000</b>	<b>TOTAL</b>			<b>\$750,000</b>

PROFESSIONAL SERVICES	Engineer	TBD
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PROJECT SCHEDULE	Bid Opening	TBD
	Construction Start	TBD
	Construction Stop	TBD

RESIDENTIAL RATES		<u>Users</u>		<u>Avg. Bill</u>
	Current	63,923	\$	20.58 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Daviess County	\$	537,856.96	
	Total	\$	537,856.96	

Notes:

Prior Approvals:				
County Allocation Pool	Daviess	\$	500,000	December 27, 2022
County Allocation Pool	Reallocation	\$	15,357	Pending Approval Septeber 26, 2024
County Allocation Pool	Reallocation	\$	22,500	Pending Approval Septeber 26, 2024

This grant is being allocated additional funds through the reallocation of remaining funds from a previously approved grant.  
 Previous Grantee: Owensboro Municipal Utilities  
 Previous Grant #22CWW138  
 Previous Project: Stonewall Court Small Main Replacement  
 Previous WRIS #WX21059086  
 Prior Approval Date: December 27, 2022

This grant is being allocated additional funds through the reallocation of a previously approved grant.  
 Previous Grantee: Owensboro Municipal Utilities  
 Previous Grant #22CWW137  
 Previous Project: Jeff Place Small Main Replacement  
 Previous WRIS #21059085  
 Prior Approval Date: December 27, 2022

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWW143
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21059102
GRANTEE	DAVISS COUNTY FISCAL COURT DAVISS COUNTY		
BRIEF DESCRIPTION			
The Daviess County Fiscal Court is seeking to evaluate the fire protection coverage in Daviess County. The fiscal court will consult with engineers and the fire department to determine where hydrants will need to be placed in the Daviess County Water District, Whitesville, and East Daviess Water Association's Systems.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 22CWW143	\$758,698	Administrative Expenses	\$10,000
CWP Supplemental Increase	259,746	Construction	1,164,154
Other Funding	155,711		
<b>TOTAL</b>	<b>\$1,174,154</b>	<b>TOTAL</b>	<b>\$1,174,154</b>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 4,820	<u>Avg. Bill</u> \$ 39.46 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Daviess County	\$ 1,018,442.50	
	Total	\$ 1,018,442.50	
Notes:			
Prior Approval:			
County Allocation	Daviess	\$ 758,697	December 27, 2022
County Allocation	Daviess	\$ 259,746	Pending Approval September 26, 2024
This grant is being allocated additional funds through the reallocation of remaining funds from a previously approved grant.			
Previous Grantee: Daviess County Fiscal Court			
Previous Grant #22CWW133			
Previous Project: Jack Hinton Road Water Main Project			
Previous WRIS #WX21059045			
Prior Approval Date: December 27, 2022			

**EXECUTIVE SUMMARY**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**DRINKING WATER AND WASTEWATER GRANT PROGRAM**  
**CLEANER WATER PROGRAM GRANT**

Reviewer Julie Bickers  
 CPBOC Date September 26, 2024  
 KIA Grant Number 22CWW222  
 WRIS Number WX21037310

GRANTEE NORTHERN KENTUCKY WATER DISTRICT  
 CAMPBELL COUNTY

**BRIEF DESCRIPTION**

The unserved portion of this project includes 6.89 miles of waterline extension to serve 86 households in rural areas of Campbell County at a project cost of \$4,215,000. The average number of households served per mile for this project is 12.48 per mile. Portions of the following streets are part of this project: Tower Hill Rd., Blangey Rd., Upper Lick Branch Rd., Enzweiler Rd., Oneonta Rd., Pond Creek Rd., Gunkle Rd., Poplar Thicket Rd., and Rifle Range Rd. If customer interest in connecting to the water system is not sufficient, other streets may be selected. If anticipated funds do not materialize by the time of bidding, the project street list will be reduced based on density and customer sign-ups to match committed funds.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 22CWW222	\$2,600,000	Land, Easements			\$10,000
CWP Supplemental Pool-Increase	360,000	Eng - Design / Const	6.6%	5.4%	372,255
CWP Grant 21CWW280	1,000,000	Eng - Insp	3.2%	0.2%	15,000
Local ARPA	1,400,000	Construction			6,300,000
Local Funds	1,641,000	Contingency			602,745
Other Funding	299,000				
<b>TOTAL</b>	<b>\$7,300,000</b>	<b>TOTAL</b>			<b>\$7,300,000</b>

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE  
 Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES	Current	Users	Avg. Bill
		82,387	\$ 23.40 (for 4,000 gallons)
	Additional	56	

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Campbell County	\$ 2,600,000.00
Supplemental Pool		\$ 360,000.00
	<b>Total</b>	<b>\$ 2,960,000.00</b>

**Notes:**

Prior Approval:  
 County Allocation Pool Campbell \$ 800,000 December 27, 2022  
 County Allocation Pool Reallocation \$ 1,800,000 June 20, 2024  
 Supplemental Pool Supplemental Increase \$ 360,000 Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>		Reviewer CPBOC Date KIA Grant Number WRIS Number	Julie Bickers September 26, 2024 22CWW223 WX21037311
GRANTEE	NORTHERN KENTUCKY WATER DISTRICT CAMPBELL COUNTY		
BRIEF DESCRIPTION			
<p>This project profile summarizes a critical underserved \$8,855,000 project that involves the replacement of water mains located in the urban core of the Northern Kentucky Water District's Campbell County Service Area in Newport including areas near The Ovation development site. The project involves the replacement of several water lines with a high incidence of breakage and low flows and will upgrade the water mains to the minimum standard pipe size or as needed to support the recommended hydraulic capacity. The Streets that are part of this project: Amelia Street Brighton Street, Clifton Avenue, East 3rd Street, East 5th Street, East 7th Street, Grandview Avenue, Hodge Street, Home Street, Joyce Avenue, Linden Avenue, Lindsey Street, Oak Street, Putnam Street, Roberts Street, Truesdale Street, 21st Street, West 4th Street, West 5th Street, West 6th Street, West 7th Street, West 10th Street. The hydraulic needs of the area will be reviewed using a computerized hydraulic model of the system. Pipes will be upsized where appropriate to improve available system capacity and redundancy and to meet current design standards. Access to a high quality water supply through a reliable water distribution system is important to the region's health, safety, and economy. Design will commence immediately upon receiving notification of Grant funding and can proceed quickly to facilitate bidding construction of the project. Construction of the project is anticipated to be completed by March 2026.</p>			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 22CWW223	\$2,403,872	Administrative Expenses	\$5,000
CWP Supplemental Pool-Increase	340,387	Eng - Design / Const	6.4% 2.4% 206,950
CWP Grant 21CWW025	1,000,000	Eng - Insp	3.1% 0.4% 32,300
KIA Loan F23-007S	4,000,000	Construction	7,650,000
Local Funds	1,110,741	Contingency	960,750
TOTAL	\$8,855,000	TOTAL	\$8,855,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 82,387	<u>Avg. Bill</u> \$ 23.40 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Campbell County	\$ 2,403,872.00	
Supplemental Pool		\$ 340,387.00	
	Total	\$ 2,744,259.00	
Notes:			
Prior Approval:			
County Allocation Pool	Campbell	\$ 2,403,872	December 27, 2022
Supplemental Pool	Supplemental Increase	\$ 340,387	Pending Approval September 26, 2024



<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer	Julie Bickers
	CPBOC Date	September 26, 2024
	KIA Grant Number	22CWW226
	WRIS Number	WX21219046

GRANTEE	TODD COUNTY WATER DISTRICT TODD COUNTY
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**BRIEF DESCRIPTION**

The proposed project offers a solution for enhancing the District's ability to read and monitor all water meters by installing cellular endpoints to their existing inventory of water meters. With this upgrade, water meters can be monitored on a daily basis to quickly alert their maintenance staff of an issue plus give the customer an early warning. Additionally, the improvement will give all customers access to an iCloud based portal to self-monitor consumption., similar to features provided by other utilities (power, phone, etc.) The work would be self-performed by utility staff.

PROJECT FINANCING		PROJECT BUDGET	RD Fee %	Actual %
CWP - Water Grant - 22CWW226	\$247,899	Equipment		\$750,000
CWP Supplemental Pool-Increase	100,000			
CWP Grant 21CWW271	12,421			
Other Funding	389,680			
<b>TOTAL</b>	<b>\$750,000</b>	<b>TOTAL</b>		<b>\$750,000</b>

PROFESSIONAL SERVICES	Engineer	TBD
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PROJECT SCHEDULE	Bid Opening	TBD
	Construction Start	TBD
	Construction Stop	TBD

RESIDENTIAL RATES	Current	<u>Users</u> 3,793	\$	<u>Avg. Bill</u> 48.00 (for 4,000 gallons)
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**REGIONAL COORDINATION** This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Todd County	\$ 247,899.00		
Supplemental Pool		\$ 100,000.00		
	<b>Total</b>	<b>\$ 347,899.00</b>		

Notes:

Prior Approval:				
County Allocation	Todd	\$ 247,899		December 27, 2022
Supplemental Pool	Supplemental Increase	\$ 100,000		Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer	Julie Bickers
	CPBOC Date	September 26, 2024
	KIA Grant Number	22CWW250
	WRIS Number	WX21107071

GRANTEE	NORTH HOPKINS WATER DISTRICT HOPKINS COUNTY
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**BRIEF DESCRIPTION**

This project will use Cleaner Water Grant Funds to do a leak detection study in the system to identify the areas where waterlines, valves, hydrants, or meters need to be replaced.

PROJECT FINANCING		PROJECT BUDGET	RD Fee %	Actual %
CWP - Water Grant - 22CWW250	\$50,000	Construction		\$61,150
CWP Supplemental Increase	11,150			
<b>TOTAL</b>	<b>\$61,150</b>	<b>TOTAL</b>		<b>\$61,150</b>

PROFESSIONAL SERVICES	Engineer	TBD
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PROJECT SCHEDULE	Bid Opening	TBD
	Construction Start	TBD
	Construction Stop	TBD

RESIDENTIAL RATES	Current	<u>Users</u> 3,821	\$	<u>Avg. Bill</u> 65.52 (for 4,000 gallons)
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**REGIONAL COORDINATION** This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Hopkins County	\$	61,150.00	
	<b>Total</b>	\$	61,150.00	

**Notes:**

Prior Approval:

County Allocation Pool	Hopkins	\$	50,000	December 27, 2022
County Allocation Pool	Reallocation	\$	11,150	Pending Approval September 26, 2024

This grant is being allocated additional funds through the reallocation of remaining funds from a previously approved grant.  
 Previous Grantee: North Hopkins Water District  
 Previous Grant #22CWW249  
 Previous Project: North Hopkins - Water Tank Painting Project  
 Previous WRIS #WX21107069  
 Prior Approval Date: December 27, 2022

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer	Julie Bickers
	CPBOC Date	September 26, 2024
	KIA Grant Number	22CWW300
	WRIS Number	WX21125036

GRANTEE	LAUREL COUNTY WATER DISTRICT #2 LAUREL COUNTY
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**BRIEF DESCRIPTION**

The proposed improvements consist of the installation of approximately 7,200 L.F. of 8-inch water line and appurtenances to replace existing aging and undersized 4-inch Asbestos Cement (AC) water lines adjacent to Fariston Road in south-central Laurel County. In addition to the main line replacements, aging service lines and meter settings will also be replaced through this project.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 22CWW300	\$786,585	Administrative Expenses			\$2,500
CWP Supplemental Pool-Increase	157,317	Legal Expenses			2,500
Other Funding	616,098	Land, Easements			6,000
		Eng - Design / Const	8.4%	7.8%	107,000
		Eng - Insp	5.2%	4.9%	67,000
		Construction			1,250,000
		Contingency			125,000
<b>TOTAL</b>	<b>\$1,560,000</b>	<b>TOTAL</b>			<b>\$1,560,000</b>

PROFESSIONAL SERVICES	Engineer	Monarch Engineering, Incorporated
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PROJECT SCHEDULE	Bid Opening	TBD
	Construction Start	TBD
	Construction Stop	TBD

RESIDENTIAL RATES	Current	<u>Users</u> 6,334	\$	<u>Avg. Bill</u> 32.58 (for 4,000 gallons)
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REGIONAL COORDINATION      This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Laurel County	\$ 786,585.00		
Supplemental Pool		\$ 157,317.00		
	Total	\$ 943,902.00		

**Notes:**

Prior Approval:  
County Allocation Pool                      Laurel                      786,585                      March 29, 2023  
Supplemental Pool                      Supplemental Increase                      157,317                      Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers	
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024	
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWW304	
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21203012	
GRANTEE	ROCKCASTLE COUNTY FISCAL COURT ROCKCASTLE COUNTY			
BRIEF DESCRIPTION				
Connect to existing Kentucky American Water waterline at Sand Springs Road. Extend approximately 2.1 miles of 4" waterline to provide drinking water service to 10 households currently without access along the length of Bloss Road in Rockcastle County.				
PROJECT FINANCING		PROJECT BUDGET	RD Fee %	Actual %
CWP - Water Grant - 22CWW304	\$260,436	Eng - Design / Const	11.6%	11.9%
CWP Supplemental Pool-Increase	55,500	Eng - Insp	9.4%	9.4%
		Construction		238,260
		Contingency		22,176
TOTAL	\$315,936	TOTAL		\$315,936
PROFESSIONAL SERVICES	Engineer	TBD		
PROJECT SCHEDULE	Bid Opening	TBD		
	Construction Start	TBD		
	Construction Stop	TBD		
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>	
	Current	615	\$ 38.03	(for 4,000 gallons)
	Additional	10		
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.			
Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Rockcastle County	\$ 60,000.00		
Supplemental Pool		\$ 255,936.00		
	Total	\$ 315,936.00		
Notes:				
Prior Approval:				
County Allocation Pool	Rockcastle	\$ 60,000		March 29, 2023
Supplemental Pool	Supplemental Increase	\$ 200,436		April 23, 2024
Supplemental Pool	Supplemental Increase	\$ 55,500		Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers	
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024	
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWW315	
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21085045	
GRANTEE	EDMONSON COUNTY WATER DISTRICT GRAYSON COUNTY			
BRIEF DESCRIPTION				
Install 4100 LF of 6 inch water main and a pressure reducing station on Old Hill Top Road improving service to approximately 120 existing customers and allowing for future expansion. Relocate 500 LF of 4 inch waterline on Peonia Road that has been prone to leaks because of landslides. Replace flow meters at Van Meter School and Wax Plant for leak detection. Install electric at flowmeter pit at VanMeter School Road.				
PROJECT FINANCING		PROJECT BUDGET	RD Fee %	Actual %
CWP - Water Grant - 22CWW315	\$274,000	Administrative Expenses		\$4,110
CWP Supplemental Pool-Increase	27,400	Legal Expenses		2,000
		Land, Easements		1,000
		Eng - Design / Const	12.1%	9.4%
		Eng - Insp	10.2%	7.4%
		Eng - Other		4,255
		Construction		220,788
		Contingency		19,339
		Other		9,490
TOTAL	\$301,400	TOTAL		\$301,400
PROFESSIONAL SERVICES	Engineer	GRW Engineers, Inc.		
PROJECT SCHEDULE	Bid Opening	TBD		
	Construction Start	TBD		
	Construction Stop	TBD		
RESIDENTIAL RATES	Current	<u>Users</u>	<u>Avg. Bill</u>	
		11,279	\$ 32.70	(for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.			
Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Grayson County	\$ 274,000.00		
Supplemental Pool		\$ 27,400.00		
	Total	\$ 301,400.00		
Notes:				
Prior Approval:				
County Allocation Pool	Grayson	\$ 274,000		March 29, 2023
Supplemental Pool	Supplemental Increase	\$ 27,400		Pending Approval September 26, 2024

**EXECUTIVE SUMMARY**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**DRINKING WATER AND WASTEWATER GRANT PROGRAM**  
**CLEANER WATER PROGRAM GRANT**

Reviewer Julie Bickers  
 CPBOC Date September 26, 2024  
 KIA Grant Number 22CWW347  
 WRIS Number WX21091105

GRANTEE LEWISPORT, CITY OF  
 HANCOCK COUNTY

**BRIEF DESCRIPTION**

The cities of Lewisport and Hawesville plan to construct a new 0.50 MGD Regional Water Treatment Plant and 40,000 LF of transmission main that will replace 2 existing plants, and will ensure long term excellent quality water for the citizens of Hancock County. This regional facility will serve Hawesville's 1,255 households, Lewisport's 1,211 households, and serve as an emergency water source for the East Daviess County Water Association (EDCWA), which serves 1,389 customers in Hancock County and 4,675 total. The 2 existing plants are both nearing the end of their useful life and require substantial rehabilitation and upgrades to remain functional. This new regional plant will eliminate both existing plants and is more cost effective than rehabilitation for both.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 22CWW347	\$122,386	Administrative Expenses			\$50,000
CWP Supplemental Increase	10,000	Legal Expenses			10,000
Funding Source 3	11,992,414	Planning			225,000
		Eng - Design / Const	0.0%	6.3%	660,900
		Eng - Insp	0.0%	3.9%	404,200
		Eng - Other			330,300
		Construction			9,500,000
		Contingency			944,400
<b>TOTAL</b>	<b>\$12,124,800</b>	<b>TOTAL</b>			<b>\$12,124,800</b>

PROFESSIONAL SERVICES Engineer Bluegrass Engineering, PLLC

PROJECT SCHEDULE  
 Bid Opening March 1, 2025  
 Construction Start May 1, 2025  
 Construction Stop October 1, 2026

RESIDENTIAL RATES  
 Current Users 1,210 Avg. Bill \$ 27.79 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Hancock County	\$ 132,386.00		
	Total	\$ 132,386.00		

**Notes:**

Prior Approval:  
 County Allocation Hancock \$ 122,386 September 27, 2023  
 County Allocation Reallocation \$ 10,000 Pending Approval September 26, 2024

This grant is being allocated additional funds through the reallocation of funds from a previously approved grant.  
 Previous Grantee: City of Lewisport  
 Previous Grant #22CWS056  
 Previous Project: Lewisport Wastewater Treatment Plant Pump & Motor Replacements  
 Previous WRIS #SX21091020  
 Prior Approval Date: December 27, 2022

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWW362
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21199153
GRANTEE	SOUTH EASTERN WATER ASSOCIATION INC PULASKI COUNTY		
BRIEF DESCRIPTION			
<p>The project consist of the following: 5,400 L.F. of existing 6" waterline replacement with 8" D.I. waterline along US 27 and 3,100 L.F. of existing 6" waterline replacement with 8" PVC waterline along Heather Way and all necessary appurtenances. If funds remain at project completion, the following additional waterlines will be constructed; 800 L.F. of existing 4" and 6" waterline replacement with 8" PVC waterline along KY 769, 2,800 L.F. of 4" PVC waterline extension along Mayfield School Road, 300 L.F. of 4" PVC waterline extension along Mark Welborn Road, and 2,600 L.F. of 3" PVC waterline extension along Broyles Road, and all necessary appurtenances.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 22CWW362	\$416,203	Eng - Design / Const	10.8% 11.9% 45,000
CWP Supplemental Pool-Increase	41,620	Eng - Insp	8.2% 8.8% 33,300
		Construction	379,523
TOTAL	\$457,823	TOTAL	\$457,823
PROFESSIONAL SERVICES	Engineer	Kenvirons, Inc.	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 7,930	<u>Avg. Bill</u> \$ 55.01 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Pulaski County	\$ 416,203.00	
Supplemental Pool		\$ 41,620.00	
	Total	\$ 457,823.00	
Notes:			
Prior Approval:			
County Allocation Pool	Reallocation	\$ 416,203	March 27, 2024
Supplemental Pool	Supplemental Increase	\$ 41,620	Pending Approval September 26, 2024

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWW365
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21059082
GRANTEE	EAST DAVIESS COUNTY WATER ASSOCIATION INC DAVIESS COUNTY		
BRIEF DESCRIPTION			
Knottsville Tank is a 750,000 gallon water tank that needs to undergo rehab to correct deterioration issues. The tank will be emptied and sandblasted on the interior and exterior. The tank will also need repainting done with three coats of primer on the interior and two coats on the exterior.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 22CWW365	\$523,660	Administrative Expenses	\$4,860
CWP Supplemental Increase	4,730	Eng - Design / Const	10.4% 1.5% 7,500
		Eng - Insp	7.5% 5.3% 26,000
		Construction	446,030
		Contingency	44,000
TOTAL	\$528,390	TOTAL	\$528,390
PROFESSIONAL SERVICES	Engineer	Bluegrass Engineering, PLLC	
PROJECT SCHEDULE	Bid Opening	October 1, 2024	
	Construction Start	December 1, 2024	
	Construction Stop	April 1, 2025	
RESIDENTIAL RATES	Current	<u>Users</u> 4,820	<u>Avg. Bill</u> \$ 39.46 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Daviess County	\$ 486,000.00	
Supplemental Pool		\$ 42,389.89	
	Total	\$ 528,389.89	
Notes:			
Prior Approval:			
County Allocation Pool	Daviess	\$ 486,000	March 27, 2024
Supplemental Pool	Supplemental Increase	\$ 37,660	May 23, 2024
Supplemental Pool	Reallocation	\$ 4,730	Pending Approval September 26, 2024
This grant is being allocated additional funds through the reallocation of remaining funds from a previously approved grant.			
Previous Grantee: East Daviess County Water Association Inc			
Previous Grant #22CWW131			
Previous Project: Floral Road Water Main Extensions			
Previous WRIS #WX21059027			
Prior Approval Date: July 31, 2024			



<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWW379
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21127033
GRANTEE	LAWRENCE COUNTY FISCAL COURT LAWRENCE COUNTY		
BRIEF DESCRIPTION			
This project is an extension of two waterlines in Lawrence County to serve unserved areas. The first is a line in Blane extending approximately 1200 LF to serve 4 households. The second is a line located on KY1690 extending approximately 3000 FL to serve 4 homes and a small church.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 22CWW379	\$55,000	Administrative Expenses	\$7,500
CWP Supplemental Increase-Pool	236,000	Land, Easements	3,500
		Planning	13,500
		Eng - Design / Const	12.0% 10.6% 23,500
		Eng - Insp	10.0% 9.5% 21,000
		Construction	202,000
		Contingency	20,000
TOTAL	\$291,000	TOTAL	\$291,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	8,407	\$ 37.37 (for 4,000 gallons)
	Additional	1	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Lawrence County	\$ 55,000.00	
Supplemental Pool		\$ 236,000.00	
	Total	\$ 291,000.00	
Notes:			
Approval:			
County Allocation Pool	Reallocation	\$ 55,000	Pending Approval September 26, 2024
Supplemental Pool	Supplemental Increase	\$ 236,000	Pending Approval September 26, 2024
This grant is a reallocation of remaining funds from a previously approved grant.			
Previous Grantee: Big Sandy Water District			
Previous Grant #22CWW088			
Previous Project: Lawrence County Water Line Extensions			
Previous WRIS #WX21127027			
Prior Approval Date: December 27, 2022			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers	
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024	
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWW379	
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21127033	
GRANTEE	LAWRENCE COUNTY FISCAL COURT LAWRENCE COUNTY			
BRIEF DESCRIPTION				
This project is an extension of two waterlines in Lawrence County to serve unserved areas. The first is a line in Blane extending approximately 1200 LF to serve 4 households. The second is a line located on KY1690 extending approximately 3000 FL to serve 4 homes and a small church.				
PROJECT FINANCING		PROJECT BUDGET		
CWP - Water Grant - 22CWW379	\$55,000	RD Fee %	Actual %	
CWP Supplemental Increase-Pool	236,000			
				Administrative Expenses \$7,500
				Land, Easements 3,500
				Planning 13,500
				Eng - Design / Const 12.0% 10.6% 23,500
				Eng - Insp 10.0% 9.5% 21,000
				Construction 202,000
				Contingency 20,000
TOTAL	\$291,000	TOTAL		\$291,000
PROFESSIONAL SERVICES	Engineer	TBD		
PROJECT SCHEDULE	Bid Opening	TBD		
	Construction Start	TBD		
	Construction Stop	TBD		
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>	
	Current	8,407	\$ 37.37	(for 4,000 gallons)
	Additional	1		
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.			
Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Lawrence County	\$ 55,000.00		
Supplemental Pool		\$ 236,000.00		
	Total	\$ 291,000.00		
Notes:				
Approval:				
County Allocation Pool	Reallocation	\$ 55,000	Pending Approval September 26, 2024	
Supplemental Pool	Supplemental Increase	\$ 236,000	Pending Approval September 26, 2024	

**EXECUTIVE SUMMARY**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**DRINKING WATER AND WASTEWATER GRANT PROGRAM**  
**CLEANER WATER PROGRAM GRANT**

Reviewer Julie Bickers  
 CPBOC Date September 26, 2024  
 KIA Grant Number 22CWW380  
 WRIS Number WX21053032

GRANTEE ALBANY, CITY OF  
 CLINTON COUNTY

**BRIEF DESCRIPTION**

The location of WTP-A and WTP-B are remote. Both plants are in close proximity to each other - within 200 yards. Both plants have separate power feeds. Both Water Treatment Plants continue to experience power reliability issues and with no backup generator at either plant this causes considerable problems given the demands on the plants and the capacity issues. These funds would be used to install two backup generators with Automatic Transfer Switches providing backup power for both WTP-A and WTP-B.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 22CWW380	\$562,071	Administrative Expenses			\$31,800
CWP Grant 21CWW366	215,267	Eng - Design / Const	8.9%	9.2%	88,000
Other Funding	314,462	Eng - Insp	5.7%	1.3%	12,000
		Construction			910,000
		Contingency			50,000
<b>TOTAL</b>	<b>\$1,091,800</b>	<b>TOTAL</b>			<b>\$1,091,800</b>

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES Current Users 5,103 Avg. Bill \$ 18.98 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Clinton County	\$ 562,071.00		
	Total	\$ 562,071.00		

**Notes:**

This grant is a reallocation from a previously approved grant.  
 Previous Grantee: City of Albany  
 Previous Grant #22CWW197  
 Previous Project: Duvall Valley Area Water System Improvements  
 Previous WRIS #WX21053015  
 Prior Approval Date: December 27, 2022

**EXECUTIVE SUMMARY**  
**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**DRINKING WATER AND WASTEWATER GRANT PROGRAM**  
**CLEANER WATER PROGRAM GRANT**

Reviewer Julie Bickers  
 CPBOC Date September 26, 2024  
 KIA Grant Number 22CWW381  
 WRIS Number WX21013010

GRANTEE PINEVILLE UTILITY COMMISSION  
 BELL COUNTY

**BRIEF DESCRIPTION**

Extension of the Pineville Utility Commission water distribution system to serve the Smith Hill Road area of Bell County. Project includes approximately 2,500 feet of 2" HDPE waterline, a tin-in, bored highway crossing, and associated appurtenances.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %	
CWP - Water Grant - 22CWW381	\$17,923	Eng - Design / Const		12.7%	6.6%	\$12,500
CWP Grant 21CWW363	195,000	Eng - Insp		11.2%	6.4%	12,000
		Construction				162,923
		Contingency				25,500
<b>TOTAL</b>	<u>\$212,923</u>	<b>TOTAL</b>				<u>\$212,923</u>

PROFESSIONAL SERVICES Engineer Vaughn & Melton Consulting Engineers, Inc

PROJECT SCHEDULE  
 Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES	Users	Avg. Bill
Current	0	\$ - (for 4,000 gallons)
Additional	12	

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Bell County	\$ 17,923.00	
	Total	\$ 17,923.00	

**Notes:**

This grant is a reallocation of remaining funds from a previously approved grant.  
 Previous Grantee: Pineville Utility Commission  
 Previous Grant #22CWW342  
 Previous Project: Pineville - KY 66 River Crossing Replacement & Upgrade  
 Previous WRIS #WX21013009  
 Prior Approval Date: April 25, 2023

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer CPBOC Date KIA Grant Number WRIS Number	Julie Bickers September 26, 2024 22CWW382 WX21059098
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GRANTEE	DAVISS COUNTY WATER DISTRICT DAVISS COUNTY
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**BRIEF DESCRIPTION**

This project will install 2,100 Linear Feet of 6-inch SDR 21 PVC pipe to replace the existing 2.25-inch water line. The project also includes: 1. Installation of 3 Fire Hydrants 2. 40 service connections to residences 3. 20 Driveway Bores The new line will be connected to the planned 16-inch water main being constructed under WX21059078.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 22CWW382	\$108,737	Planning			\$5,000
Local Funds	108,737	Eng - Design / Const	12.3%	5.1%	10,000
		Eng - Insp	10.5%	2.5%	5,000
		Eng - Other			1,182
		Construction			176,522
		Contingency			19,770
<b>TOTAL</b>	<b>\$217,474</b>	<b>TOTAL</b>			<b>\$217,474</b>

PROFESSIONAL SERVICES	Engineer	TBD
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PROJECT SCHEDULE	Bid Opening	TBD
	Construction Start	TBD
	Construction Stop	TBD

RESIDENTIAL RATES	Current	<u>Users</u> 13,232	\$	<u>Avg. Bill</u> 30.04 (for 4,000 gallons)
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REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Daviess County	\$ 108,737.00		
	Total	\$ 108,737.00		

**Notes:**

This grant is a reallocation of remaining funds from a previously approved grant.  
 Previous Grantee: Daviess County Fiscal Court  
 Previous Grant #22CWW143  
 Previous Project: Daviess County Fiscal Court Hydrants Project  
 Previous WRIS #WX21059102  
 Prior Approval Date: December 27, 2022

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>		Reviewer CPBOC Date KIA Grant Number WRIS Number	Julie Bickers September 26, 2024 22CWW383 WX21059091
GRANTEE	WHITESVILLE, CITY OF DAVIESS COUNTY		
BRIEF DESCRIPTION			
There are currently 4 unserved customers along Melba Lane that are using wells. This portion of Melba Lane is located in Ohio County and they are unable to be serviced from Ohio County. This project will install 4,800 LF of 4 " pipe with 1 bore. This line will tie in to Old Litchfield Road.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee %    Actual %
CWP - Water Grant - 22CWW383	\$154,250	Administrative Expenses	\$8,000
CWP Grant 21CWW362	100,000	Eng - Design / Const	11.9%    19.1%    43,470
Local Funds	24,965	Construction	216,900
		Contingency	10,845
TOTAL	<u>\$279,215</u>	TOTAL	<u>\$279,215</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	December 1, 2024	
	Construction Start	January 2, 2025	
	Construction Stop	April 1, 2025	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	1,455	\$ 35.85 (for 4,000 gallons)
	Additional	3	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Daviess County	\$ 154,250.00	
	Total	\$ 154,250.00	
Notes:			
This grant is a reallocation from a previously approved grant. Previous Grantee: Daviess County Fiscal Court Previous Grant #22CWW143 Previous Project: Daviess County Fiscal Court Hydrants Project Previous WRIS #WX21059102 Prior Approval Date: December 27, 2022			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWW384
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21059031
GRANTEE	WHITESVILLE, CITY OF DAVISS COUNTY		
BRIEF DESCRIPTION			
<p>The construction portion of this project will replace 2" water line with 6" PVC and connect to the existing 8" line in the area to improve water quality and pressure to approximately 19 households along Ward Road. Additionally, this project includes the purchase of an RTV for use at the sewer plant and by the water distribution system. An RTV (Rough Terrain Vehicle) will greatly enhance the efficiency, safety, and effectiveness of the City of Whitesville's water and sewer utility maintenance, especially in areas where access is difficult and regular maintenance is essential.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 22CWW384	\$2,060	Administrative Expenses	\$2,980
CWP Supplemental Increase	1,960	Eng - Design / Const	12.3% 4.0% 7,800
CWP Grant 21CWW040	218,547	Construction	193,271
		Equipment	18,516
TOTAL	\$222,567	TOTAL	\$222,567
PROFESSIONAL SERVICES	Engineer	HRG, PLLC	
PROJECT SCHEDULE	Bid Opening	August 1, 2023	
	Construction Start	November 1, 2023	
	Construction Stop	March 1, 2023	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	1,455	\$ 35.85 (for 4,000 gallons)
	Additional	19	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Daviess County	\$ 4,020.00	
	Total	\$ 4,020.00	
Notes:			
Approvals:			
County Allocation	Reallocation	\$ 2,060	Pending Approval September 26, 2024
County Allocation	Reallocation	\$ 565	Pending Approval September 26, 2024
County Allocation	Reallocation	\$ 1,395	Pending Approval September 26, 2024
This grant is a reallocation from a previously approved grant.			
Previous Grantee: City of Whitesville			
Previous Grant #22CWS054			
Previous Project: Doctor's Office Lift Station Control Panel Replacement			
Previous WRIS #SX21059071			
Prior Approval Date: December 27, 2022			
This grant is being allocated additional funds through the reallocation of remaining funds from 2 previously approved grants.			
Previous Grantee: City of Whitesville			
Previous Grant #22CWS053			
Previous Project: Main Lift Station Control Panel Replacement			
Previous WRIS #SX21059070			
Prior Approval Date: December 27, 2022			
Previous Grantee: City of Whitesville			
Previous Grant #22CWS052			
Previous Project: Oak Street Lift Station Control Panel Replacement			
Previous WRIS #SX21059069			
Prior Approval Date: December 27, 2022			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Julie Bickers
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWW385
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21137045
GRANTEE	CRAB ORCHARD, CITY OF LINCOLN COUNTY		
BRIEF DESCRIPTION			
600 new radio read meters, including hardware, software, and training to use a meter data management system.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 22CWW385	\$300,000	Administrative Expenses	\$4,000
Local Funds	600	Legal Expenses	1,000
		Planning	2,000
		Eng - Design / Const	11.5% 80.0% 20,000
		Eng - Insp	9.3% 8.0% 2,000
		Equipment	246,600
		Contingency	25,000
TOTAL	\$300,600	TOTAL	\$300,600
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	April 1, 2025	
	Construction Start	June 1, 2025	
	Construction Stop	August 1, 2025	
RESIDENTIAL RATES	Current	<u>Users</u> 580	<u>Avg. Bill</u> \$ 32.94 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Lincoln County	\$ 300,000.00	
	Total	\$ 300,000.00	
Notes:			
<p>This grant is a reallocation from a previously approved grant.  Previous Grantee: City of Crab Orchard  Previous Grant #22CWS018  Previous Project: Phase 1 Stormwater Improvements  Previous WRIS #SX21137018  Prior Approval Date: December 27, 2022</p>			



<b>EXECUTIVE SUMMARY</b>		Reviewer	Don Schierer
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	September 26, 2024
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	22CWWTBD
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21093009
GRANTEE	HARDIN COUNTY WATER DISTRICT #2 HARDIN COUNTY		
BRIEF DESCRIPTION			
Hardin County Water District No. 2 is proposing to construct a new 2,500,000 gallon water storage tank to supplement service area demand and growth. The project will provide increased storage for expected demand increases due to industrial and residential expansion in the District's service area.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant 22CWWTBD	\$50,274	Administrative Expenses	\$10,000
Grant - 22KFW012	7,500,000	Legal Expenses	30,000
Other Funding	865,726	Land, Easements	110,000
		Eng - Design / Const	9.6% 6.0% 457,600
		Eng - Insp	8.9% 2.9% 218,300
		Eng - Other	8,000
		Construction	7,150,000
		Contingency	432,100
TOTAL	<u>\$8,416,000</u>	TOTAL	<u>\$8,416,000</u>
PROFESSIONAL SERVICES	Engineer	Kenvirons, Inc.	
PROJECT SCHEDULE	Bid Opening	June 1, 2023	
	Construction Start	September 1, 2023	
	Construction Stop	June 30, 2024	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	30,454	\$ 28.88 (for 4,000 gallons)
	Additional	2	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Hardin County	\$ 50,273.95	
	Total	\$ 50,273.95	
Notes:			
This grant is a reallocation from a previously approved grant. Previous Grantee: Hardin County Water District #2 Previous Grant #22CWW321 Previous Project: BOSK & KCTCS Waterline Extension Previous WRIS #WX21093060 Prior Approval Date: March 29, 2023			





CABINET FOR ECONOMIC DEVELOPMENT

Andy Beshear  
Governor

Old Capitol Annex  
300 West Broadway  
Frankfort, Kentucky 40601

Jeff Noel  
Secretary

August 19, 2024

Holly M. Johnson, Secretary  
Finance and Administration Cabinet  
200 Mero Street, 5<sup>th</sup> Floor  
Frankfort, KY 40601

**RE: Economic Development Fund Grant - \$222,500 to Ohio County Fiscal Court on behalf of the Green River Regional Industrial Development Authority, Inc.**

Dear Secretary Johnson:

In accordance with KRS 154.12-100, this letter shall serve as notice of my recommendation for the use of \$222,500 in Economic Development Fund (EDF) funds for the purpose of making a grant to the Ohio County Fiscal Court on behalf of the Green River Regional Industrial Development Authority, Inc.

The Ohio County Fiscal Court on behalf of the Green River Regional Industrial Development Authority, Inc. is extending main road access along the Bluegrass Crossing Business Centre. The Green River Regional Industrial Development Authority will provide the match funds. The project was identified by an independent site selection consultant as having the potential for future investment/location of an economic development project.

Under the terms of the EDF grant agreement, requests may be submitted no more than monthly and funds shall be disbursed on a reimbursement basis. Supporting documentation of invoices, proof of payment, matching funds, etc. and a progress report will be required to be submitted with each request. Upon staff's review and approval of all documentation, funds will be disbursed to the local government entity to provide to the project applicant.

I respectfully request your concurrence in the funding of this project. If KEDFA approves this proposal, I would ask that you place this project on the next agenda of the State Property and Buildings Commission. Please feel free to contact me if you have any questions.

Sincerely,

Jeff Noel  
Secretary

**AGREED TO AND APPROVED BY:**

DocuSigned by:  
Holly M. Johnson  
81C993F6FA23433...

Holly M. Johnson

Secretary, Finance and Administration Cabinet

8/20/2024

Date

cc: Kristina Slattery  
Katie Smith



**KENTUCKY ECONOMIC DEVELOPMENT FINANCE AUTHORITY  
ECONOMIC DEVELOPMENT FUND (EDF)  
KENTUCKY PRODUCT DEVELOPMENT INITIATIVE (KPMI) PROJECT REPORT**

**Date:** August 29, 2024  
**Grantee:** Ohio County Fiscal Court  
**Beneficiary:** Green River Regional Industrial Development Authority, Inc.  
**City:** Beaver Dam **County:** Ohio  
**Activity:** Manufacturing  
**Bus. Dev. Contact:** A. Chilton **DFS Staff:** J. Gearon

**Project Description:** The Ohio County Fiscal Court on behalf of the Green River Regional Industrial Development Authority is extending main road access along the Bluegrass Crossing Business Centre. The Green River Regional Industrial Development Authority will provide the match funds. The project was identified by an independent site selection consultant as having the potential for future investment/location of an economic development project.

**Anticipated Project Investment - Owned**  
 Infrastructure Extensions/Improvements  
**TOTAL**

<b>Total Investment</b>
\$445,000
<b>\$445,000</b>

**Anticipated Project Funding**  
 Economic Development Fund Grant (State)  
 Local Grant  
**TOTAL**

<b>Amount</b>	<b>% of Total</b>
\$222,500	50.0%
\$222,500	50.0%
<b>\$445,000</b>	<b>100.0%</b>

**Other Terms:** In accordance with the grant agreement, disbursement requests may be submitted no more than monthly requesting funds to be disbursed on a reimbursement basis. Supporting documentation of invoices, proof of payment, matching funds, etc. and a progress report will be required to be submitted with each request. Upon staff’s review and approval of all documentation, funds will be disbursed to the local government entity to provide to the project applicant.

**RECOMMENDED ECONOMIC DEVELOPMENT FUND AMOUNT:** **\$222,500**

**Recommendation:**  
 Staff recommends approval of this KPMI-EDF grant subject to the terms set forth in this report and the recommendation letter from the Secretary of the Cabinet for Economic Development (CED). In accordance with KRS 154.12-100, KEDFA’s approval of this grant is subject to CED’s receipt of the Secretary of the Finance and Administration Cabinet’s concurrence to CED’s use of the funds for this project.

# New Bond Issue Report

## New Bond Issue Report Update

The KHC Board of Directors approved \$400 million of preliminary authorization on February 29, 2024 through March 1, 2025 limited to \$400 million applicable to Single Family Mortgage Revenue Bonds issued in one or more series. KHC issued \$150 million in 2024 Series C and 2024 Taxable Series D on June 13, 2024. Authorization remains for \$250 million of issuance.

Name of Issue: \$75,000,000 Kentucky Housing Corporation ("KHC") Tax-Exempt Single Family Mortgage Revenue Bonds

Purpose of Issue: This New Bond Issue Report is an update to the New Bond Issue Report from April 4, when \$400 million of authorization for Single Family Mortgage Revenue Bonds was approved. The information below relates to \$75 million of Single Family Mortgage Revenue Bonds to be sold in October 2024.

Key Dates: Dates of Sale:  
ROP 10/15/2024  
IOP 10/16/2024

Ratings: Moody's: Aaa

Series E  
Fixed Rate  
(Non-AMT)  
New Money

### Proposed Sources

Bond Par:	75,000,000.00
Bond Premium:	2,544,913.20
Gross Proceeds:	<u>77,544,913.20</u>
KHC Contribution:	-
Total Sources:	<u><u>77,544,913.20</u></u>

### Proposed Uses

Underwriters' Discount:	430,000.00
Other Costs of Issuance:	220,000.00
Deposit to Debt Service Reserve Fund:	-
Deposit to Mortgage Loan Account:	76,894,913.20
Deposit to Special Program Fund:	-
Total Uses:	<u><u>77,544,913.20</u></u>

Arbitrage Yield:	4.22%
Net Interest Cost:	5.18%
True Interest Cost:*	4.87%

Average Life of Bonds (years):	19.20
First Optional Call Date: **	July 1, 2033
Final Maturity Date:	7/1/2055

Gross Debt Service:	\$ 149,656,953
Avg. Annual Debt Service:	\$ 4,827,644

Method of Sale:	Negotiated
Bond Counsel:	Kutak Rock LLP
Sole Underwriter:	Bank of America Securities
Underwriter's Counsel:	Dinsmore & Shohl LLP
Trustee:	The Bank of New York Trust Company, N.A.
Quantitative Consultant:	Caine Mitter & Associates Incorporated
Financial Advisor:	Office of Financial Management

### *Preliminary Cashflows as of 9/6/2024 and Subject to Change*

\* Costs of Issuance and Underwriter's Discount were included in calculation of True Interest Cost.

Actual Costs of Issuance and Underwriter's Discount may be paid from other funds.

\*\* Bonds will be subject to special redemption provisions that may result in earlier redemption.

KENTUCKY HOUSING CORPORATION  
 New Bond Issue Report  
 Estimated Cost of Issuance  
 2024 SERIES E

Bond Amount	2024 Series E \$75,000,000	
	Amount	\$/1,000
Underwriter's Discount		
Takedown	391,793.75	5.224
Management Fee	-	-
Expenses		
Underwriters' Counsel Fee	26,125.00	0.348
IPREO / Dalcomp	5,356.65	0.071
CUSIP	1,605.00	0.021
IPREO Gameday	2,572.17	0.034
DTC	975.00	0.013
Miscellaneous	1,572.43	0.021
Total UW Discount	430,000.00	5.733
Professional Services		
Moody's Investor Service	49,000.00	0.653
Accountant	8,000.00	0.107
Printer	5,000.00	0.067
Bond Counsel	47,500.00	0.633
Trustee	2,500.00	0.033
Quantitative Consultant	50,000.00	0.667
Quantitative Consultant - 1 quarter	46,250.00	0.617
OFM Fee	9,375.00	0.125
Miscellaneous	2,375.00	0.032
Total Professional Services	220,000.00	2.933

KENTUCKY HOUSING CORPORATION  
New Bond Issue Report  
Bond Debt Service  
2024 SERIES E

Period Ending	Principal	Weighted Avg Coupon	Interest	Debt Service	Annual Debt Service
11/14/2024	-	-	-	-	-
1/1/2025	-	-	-	-	-
7/1/2025	-	-	2,276,312	2,276,312	2,276,312
1/1/2026	615,000	3.200%	1,805,005	2,420,005	
7/1/2026	625,000	3.200%	1,795,165	2,420,165	4,840,170
1/1/2027	635,000	3.250%	1,785,165	2,420,165	
7/1/2027	645,000	3.250%	1,774,846	2,419,846	4,840,011
1/1/2028	660,000	3.350%	1,764,365	2,424,365	
7/1/2028	670,000	3.375%	1,753,310	2,423,310	4,847,675
1/1/2029	685,000	3.400%	1,742,004	2,427,004	
7/1/2029	695,000	3.450%	1,730,359	2,425,359	4,852,363
1/1/2030	710,000	3.550%	1,718,370	2,428,370	
7/1/2030	725,000	3.600%	1,705,768	2,430,768	4,859,138
1/1/2031	740,000	3.650%	1,692,718	2,432,718	
7/1/2031	755,000	3.700%	1,679,213	2,434,213	4,866,930
1/1/2032	770,000	3.750%	1,665,245	2,435,245	
7/1/2032	785,000	3.800%	1,650,808	2,435,808	4,871,053
1/1/2033	805,000	3.850%	1,635,893	2,440,893	
7/1/2033	820,000	3.850%	1,620,396	2,440,396	4,881,289
1/1/2034	840,000	3.900%	1,604,611	2,444,611	
7/1/2034	855,000	3.900%	1,588,231	2,443,231	4,887,843
1/1/2035	875,000	3.950%	1,571,559	2,446,559	
7/1/2035	895,000	3.950%	1,554,278	2,449,278	4,895,836
1/1/2036	915,000	3.950%	1,536,601	2,451,601	
7/1/2036	935,000	3.950%	1,518,530	2,453,530	4,905,131
1/1/2037	955,000	4.050%	1,500,064	2,455,064	
7/1/2037	975,000	4.050%	1,480,725	2,455,725	4,910,789
1/1/2038	1,000,000	4.050%	1,460,981	2,460,981	
7/1/2038	1,020,000	4.050%	1,440,731	2,460,731	4,921,713
1/1/2039	1,045,000	4.050%	1,420,076	2,465,076	
7/1/2039	1,070,000	4.050%	1,398,915	2,468,915	4,933,991
1/1/2040	1,090,000	4.500%	1,377,248	2,467,248	
7/1/2040	1,120,000	4.500%	1,352,723	2,472,723	4,939,970
1/1/2041	1,145,000	4.500%	1,327,523	2,472,523	
7/1/2041	1,175,000	4.500%	1,301,760	2,476,760	4,949,283
1/1/2042	1,205,000	4.500%	1,275,323	2,480,323	
7/1/2042	1,235,000	4.500%	1,248,210	2,483,210	4,963,533
1/1/2043	1,265,000	4.500%	1,220,423	2,485,423	
7/1/2043	1,300,000	4.500%	1,191,960	2,491,960	4,977,383
1/1/2044	1,330,000	4.500%	1,162,710	2,492,710	
7/1/2044	1,365,000	4.500%	1,132,785	2,497,785	4,990,495
1/1/2045	1,400,000	4.650%	1,102,073	2,502,073	
7/1/2045	1,435,000	4.650%	1,069,523	2,504,523	5,006,595
1/1/2046	1,470,000	4.650%	1,036,159	2,506,159	
7/1/2046	1,510,000	4.650%	1,001,981	2,511,981	5,018,140
1/1/2047	1,550,000	4.650%	966,874	2,516,874	
7/1/2047	1,590,000	4.650%	930,836	2,520,836	5,037,710
1/1/2048	1,630,000	4.650%	893,869	2,523,869	
7/1/2048	1,670,000	4.650%	855,971	2,525,971	5,049,840
1/1/2049	1,715,000	4.650%	817,144	2,532,144	
7/1/2049	1,760,000	5.417%	777,270	2,537,270	5,069,414
1/1/2050	1,815,000	6.000%	729,600	2,544,600	
7/1/2050	1,870,000	6.000%	675,150	2,545,150	5,089,750
1/1/2051	1,935,000	6.000%	619,050	2,554,050	
7/1/2051	1,995,000	6.000%	561,000	2,556,000	5,110,050
1/1/2052	2,060,000	6.000%	501,150	2,561,150	
7/1/2052	2,130,000	6.000%	439,350	2,569,350	5,130,500
1/1/2053	2,200,000	6.000%	375,450	2,575,450	
7/1/2053	2,270,000	6.000%	309,450	2,579,450	5,154,900
1/1/2054	2,345,000	6.000%	241,350	2,586,350	
7/1/2054	2,420,000	6.000%	171,000	2,591,000	5,177,350
1/1/2055	2,500,000	6.000%	98,400	2,598,400	
7/1/2055	780,000	6.000%	23,400	803,400	3,401,800
Totals	75,000,000		74,656,953	149,656,953	149,656,953

Avg Life: 19.20

NIC: 5.185%



## School Facilities Construction Commission

Finance and Administration Cabinet

700 Louisville Rd

Carriage House

Frankfort, Kentucky 40601

(502) 564-5582

(888) 979-6152 Fax

[www.sfcc.ky.gov](http://www.sfcc.ky.gov)

**ANDY BESHEAR**

Governor

**Ms. HOLLY M. JOHNSON**

Secretary

**HEATHER OVERBY**


Chairman

**KRISTI RUSSELL**

Executive Director

### **MEMORANDUM**

**TO:** Chelsey Couch  
Office of Financial Management

**FROM:** Kristi Russell, SFCC 

**DATE:** September 9, 2024

**SUBJECT:** Capital Projects and Bond Oversight Committee (CPBO)

The following information is submitted for consideration by CPBO at their next meeting tentatively scheduled on September 26, 2024:

Walton-Verona Independent- \$2,000,000 estimated – Lease Revenue Bonds for High School property acquisition. State estimated annual debt service is \$3,961 and local is \$144,006. No tax increase is necessary to finance this project.

If you or the Committee needs any additional information please feel free to contact me.







August 12, 2024

School Facilities Construction Commission  
Attn: Chelsey Couch Executive Director  
Carriage House  
Frankfort, KY 40601

RE: \$2,000,000 Walton Verona Ind. School District Finance Corporation  
School Building Revenue Bonds, Series of 2024

Dear Ms. Couch:

Please find enclosed a Bond Payee Disclosure Form and Plan of Financing related to the above-referenced series of Bonds. The Bonds will be used to finance property acquisition for the High School Campus (Priority 2).

We would like to go ahead and submit the plan to Bond Oversight so that we will be ready to proceed with the bond sale in the coming months. The Bonds will be funded with 2.5% SFCC funds.

Please process this bond disclosure form for review by the Bond Oversight Committee at their next meeting. Should you have any questions or require any additional information, please contact our office.

Sincerely,

A handwritten signature in black ink, appearing to read 'L Theinert', with a long horizontal flourish extending to the right.

Lincoln Theinert

Enclosures

147 East Third Street  
Lexington, KY  
40508

859/977-6600

fax: 859/381-1357

[www.rsamuni.com](http://www.rsamuni.com)

# BOND PAYEE DISCLOSURE FORM

Par Amount:	<b>\$2,000,000</b>	
District	Walton-Verona Independent School District	
Issue Name:	School Building Revenue Bonds, Series 2024	
Purpose:	Property Acquisition for High School Campus (Priority 2)	
Projected Sale Date:	Q4 2024	
First Call Date:	8 Years at par	
Method of Sale:	Competitive Bids	
Place/time of sale:	Parity/SFCC, Frankfort, Ky. / TBD	
Bond Rating:	Moody's: "A1"	
Bond Counsel:	Keating Muething & Klekamp, Cincinnati, OH	
Fiscal Agent:	RSA Advisors LLC, Lexington, Kentucky	
Date received by SFCC:	/ /	<i>To be filled in by SFCC</i>
Date scheduled for Committee review:	/ /	<i>To be filled in by SFCC</i>

	SFCC Portion	Local Portion	Total
Estimated par amount of Bonds:	\$50,000	\$1,950,000	\$2,000,000
% Share of total Bonds:	2.50%	97.50%	100.00%
Estimated average annual debt service:	\$3,961	\$144,006	\$147,967
Estimated debt service reserve:	\$0	\$0	\$0

**Estimated Cost of Issuance:**

Fiscal Agent, Bond Counsel, etc	\$525	\$20,475	\$21,000
Special Tax Counsel	\$0	\$0	\$0
Number verifications	\$0	\$0	\$0
Bond Rating & Bank Fee	\$289	\$11,261	\$11,550
Underwriter's Discount	\$1,000	\$39,000	\$40,000
Credit Enhancement	\$0	\$0	\$0
<b>Total Cost of Issuance:</b>	<b>\$1,814</b>	<b>\$70,736</b>	<b>\$72,550</b>

**Anticipated Interest Rates:**

5 Years: 4.000%    10 Years: 4.00%    15 Years: 4.000%  
20 Years: 4.125%

**Notes: No Tax Increase required**

## ESTIMATED SOURCES & USES

<u>Sources Of Funds</u>	
Par Amount of Bonds	\$2,000,000.00
Cash	
Esser	\$0.00
LAVEC	\$0.00
<b>Total Sources</b>	<b>\$2,000,000.00</b>
<u>Uses Of Funds</u>	
Deposit to Project Construction Fund	\$1,927,450.00
Total Underwriter's Discount (2.00%)	\$40,000.00
Costs of Issuance	\$32,550.00
<b>Total Uses</b>	<b>\$2,000,000.00</b>

WALTON VERONA INDEPENDENT SCHOOL DISTRICT  
PLAN OF FINANCING - SERIES 2024

Date of Report: 08.12.24

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**WALTON VERONA INDEPENDENT SCHOOL DISTRICT**  
**OUTSTANDING NET LOCAL DEBT SERVICE**

	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>	<u>G</u>	<u>H</u>	<u>I</u>	<u>J</u>	<u>Total</u>
FYE	Series 2012-REF	Series 2014	Series 2015-REF	Series 2016-REF	Series 2016	Series 2018	Series 2019	Series 2019-REF	Series 2021-REF	Series 2023	Debt Service
2024	\$86,275	\$120,690	\$791,536	\$157,875	\$103,588	\$163,345	\$98,324	\$181,347	\$46,997	\$1,076,271	\$2,826,248
2025		\$113,666	\$833,541	\$159,975	\$107,888	\$167,295	\$92,723	\$222,123	\$46,146	\$1,007,019	\$2,750,376
2026		\$96,774	\$842,384	\$161,975	\$87,088	\$166,071	\$242,274	\$15,229	\$10,297	\$1,091,219	\$2,713,311
2027		\$95,124	\$821,626	\$158,488	\$86,588	\$164,845	\$242,324	\$29,883	\$14,796	\$1,102,020	\$2,715,693
2028		\$243,475			\$386,088	\$373,620	\$242,225	\$181,790	\$89,246	\$1,197,219	\$2,713,662
2029		\$247,069			\$388,088	\$370,045	\$241,974	\$173,161	\$92,947	\$1,203,419	\$2,716,703
2030		\$245,351			\$379,012	\$376,295	\$241,574	\$176,960	\$91,596	\$1,204,019	\$2,714,806
2031		\$247,651			\$374,937	\$472,021	\$246,023		\$95,247	\$1,279,219	\$2,715,098
2032		\$249,600			\$375,725	\$474,070	\$245,173			\$1,371,020	\$2,715,589
2033		\$251,200			\$380,375	\$470,595	\$249,175			\$1,363,619	\$2,714,963
2034		\$252,451			\$379,574	\$471,771	\$247,348			\$1,365,819	\$2,716,963
2035					\$383,475	\$472,421	\$250,092			\$1,612,218	\$2,718,206
2036					\$386,443	\$477,121	\$247,499			\$1,603,018	\$2,714,082
2037						\$475,989	\$249,738			\$1,988,018	\$2,713,745
2038						\$478,968	\$251,037			\$1,986,418	\$2,716,423
2039							\$251,972			\$2,463,018	\$2,714,991
2040										\$2,713,618	\$2,713,618
2041										\$2,716,419	\$2,716,419
2042										\$2,715,818	\$2,715,818
2043										\$1,981,818	\$1,981,818
2044										\$1,983,819	\$1,983,819
2045										\$1,982,200	\$1,982,200
2046										\$1,982,900	\$1,982,900
2047										\$1,983,525	\$1,983,525
2048										\$1,985,963	\$1,985,963
<b>Totals:</b>	\$86,275	\$2,163,051	\$3,289,087	\$638,313	\$3,818,868	\$5,574,472	\$3,639,476	\$980,494	\$487,272	\$42,959,630	\$63,636,938

# WALTON VERONA INDEPENDENT SCHOOL DISTRICT

## SUMMARY OF FUNDS AVAILABLE

A	B	C	D	E	F	G	H	I	J	K	L	
----- Building Fund -----												
FYE	Local Nickel	Growth Nickel	EFF Nickel	Additional 1.5 Cents	FSPK	Additional FSPK	Capital Outlay @ 80%	Total Local Funds	Less Current Payments	Local Funds Available	2022 SFCC Offer	Total Funds Available
2024	\$510,505	\$510,505	\$510,505	\$162,474	\$358,965	\$717,930	\$136,924	\$2,907,809	(\$2,826,248)	\$81,561		\$81,561
2025	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741	\$969,482	\$135,600	\$3,377,043	(\$2,750,376)	\$626,668		\$626,668
2026	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741	\$969,482	\$135,600	\$3,377,043	(\$2,713,311)	\$663,732	\$3,961	\$667,693
2027	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741	\$969,482	\$135,600	\$3,377,043	(\$2,715,693)	\$661,351	\$3,961	\$665,312
2028	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741	\$969,482	\$135,600	\$3,377,043	(\$2,713,662)	\$663,382	\$3,961	\$667,343
2029	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741	\$969,482	\$135,600	\$3,377,043	(\$2,716,703)	\$660,341	\$3,961	\$664,302
2030	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741	\$969,482	\$135,600	\$3,377,043	(\$2,714,806)	\$662,237	\$3,961	\$666,198
2031	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741	\$969,482	\$135,600	\$3,377,043	(\$2,715,098)	\$661,946	\$3,961	\$665,907
2032	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741	\$969,482	\$135,600	\$3,377,043	(\$2,715,589)	\$661,455	\$3,961	\$665,416
2033	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741	\$969,482	\$135,600	\$3,377,043	(\$2,714,963)	\$662,080	\$3,961	\$666,041
2034	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741	\$969,482	\$135,600	\$3,377,043	(\$2,716,963)	\$660,080	\$3,961	\$664,041
2035	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741	\$969,482	\$135,600	\$3,377,043	(\$2,718,206)	\$658,837	\$3,961	\$662,798
2036	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741	\$969,482	\$135,600	\$3,377,043	(\$2,714,082)	\$662,962	\$3,961	\$666,923
2037	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741	\$969,482	\$135,600	\$3,377,043	(\$2,713,745)	\$663,299	\$3,961	\$667,260
2038	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741	\$969,482	\$135,600	\$3,377,043	(\$2,716,423)	\$660,620	\$3,961	\$664,581
2039	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741	\$969,482	\$135,600	\$3,377,043	(\$2,714,991)	\$662,053	\$3,961	\$666,014
2040	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741	\$969,482	\$135,600	\$3,377,043	(\$2,713,618)	\$663,425	\$3,961	\$667,386
2041	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741	\$969,482	\$135,600	\$3,377,043	(\$2,716,419)	\$660,625	\$3,961	\$664,586
2042	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741	\$969,482	\$135,600	\$3,377,043	(\$2,715,818)	\$661,226	\$3,961	\$665,187
2043	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741	\$969,482	\$135,600	\$3,377,043	(\$1,981,818)	\$1,395,225	\$3,961	\$1,399,186
2044	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741	\$969,482	\$135,600	\$3,377,043	(\$1,983,819)	\$1,393,225	\$3,961	\$1,397,186
2045	\$541,582	\$541,582	\$541,582	\$162,474	\$484,741		\$135,600	\$2,407,561		\$2,407,561	\$3,961	\$2,411,522

**NOTES:** Data based on KDE Seek Forecast Calculations (FY 24-25)

# WALTON VERONA INDEPENDENT SCHOOL DISTRICT

## PROJECTED SERIES 2024

A	B	C	D	E	F	G	H	I	J	K
Current Payments	FY June 30	Principal Payment	Coupon	Interest Payments	Total Payments	SFCC Portion	Local Portion	Projected All Local Payments Outstanding	Local Funds Available	Local Funds Available For Future Projects
\$2,826,248	2024							\$2,826,248	\$2,907,809	\$81,561
\$2,750,376	2025			\$40,338	\$40,338	\$990	\$39,347	\$2,789,723	\$3,377,043	\$587,321
\$2,713,311	2026	\$65,000	4.000%	\$79,375	\$144,375	\$3,961	\$140,414	\$2,853,725	\$3,377,043	\$523,318
\$2,715,693	2027	\$70,000	4.000%	\$76,675	\$146,675	\$3,961	\$142,714	\$2,858,407	\$3,377,043	\$518,637
\$2,713,662	2028	\$70,000	4.000%	\$73,875	\$143,875	\$3,961	\$139,914	\$2,853,576	\$3,377,043	\$523,468
\$2,716,703	2029	\$75,000	4.000%	\$70,975	\$145,975	\$3,961	\$142,014	\$2,858,717	\$3,377,043	\$518,327
\$2,714,806	2030	\$80,000	4.000%	\$67,875	\$147,875	\$3,961	\$143,914	\$2,858,720	\$3,377,043	\$518,323
\$2,715,098	2031	\$80,000	4.000%	\$64,675	\$144,675	\$3,961	\$140,714	\$2,855,812	\$3,377,043	\$521,232
\$2,715,589	2032	\$85,000	4.000%	\$61,375	\$146,375	\$3,961	\$142,414	\$2,858,003	\$3,377,043	\$519,041
\$2,714,963	2033	\$90,000	4.000%	\$57,875	\$147,875	\$3,961	\$143,914	\$2,858,877	\$3,377,043	\$518,166
\$2,716,963	2034	\$90,000	4.000%	\$54,275	\$144,275	\$3,961	\$140,314	\$2,857,277	\$3,377,043	\$519,766
\$2,718,206	2035	\$95,000	4.000%	\$50,575	\$145,575	\$3,961	\$141,614	\$2,859,820	\$3,377,043	\$517,223
\$2,714,082	2036	\$100,000	4.000%	\$46,675	\$146,675	\$3,961	\$142,714	\$2,856,796	\$3,377,043	\$520,248
\$2,713,745	2037	\$105,000	4.000%	\$42,575	\$147,575	\$3,961	\$143,614	\$2,857,359	\$3,377,043	\$519,685
\$2,716,423	2038	\$110,000	4.000%	\$38,275	\$148,275	\$3,961	\$144,314	\$2,860,737	\$3,377,043	\$516,306
\$2,714,991	2039	\$110,000	4.000%	\$33,875	\$143,875	\$3,961	\$139,914	\$2,854,905	\$3,377,043	\$522,139
\$2,713,618	2040	\$115,000	4.000%	\$29,375	\$144,375	\$3,961	\$140,414	\$2,854,032	\$3,377,043	\$523,011
\$2,716,419	2041	\$120,000	4.000%	\$24,675	\$144,675	\$3,961	\$140,714	\$2,857,133	\$3,377,043	\$519,911
\$2,715,818	2042	\$125,000	4.125%	\$19,697	\$144,697	\$3,961	\$140,736	\$2,856,553	\$3,377,043	\$520,490
\$1,981,818	2043	\$130,000	4.125%	\$14,438	\$144,438	\$3,961	\$140,477	\$2,122,295	\$3,377,043	\$1,254,749
\$1,983,819	2044	\$140,000	4.125%	\$8,869	\$148,869	\$3,961	\$144,908	\$2,128,727	\$3,377,043	\$1,248,317
	2045	\$145,000	4.125%	\$2,991	\$147,991	\$2,971	\$145,020	\$145,020	\$2,407,561	\$2,262,542
\$55,702,351	<b>Totals:</b>	\$2,000,000		\$959,331	\$2,959,331	\$79,220	\$2,880,111	\$58,582,462	\$72,856,239	\$14,273,777

## **Municipal Advisor Disclosure of Conflicts of Interest and Other Information**

RSA Advisors, LLC (“RSA Advisors”)

### **Introduction**

RSA Advisors is a registered municipal advisory firm registered with the Securities and Exchange Commission (the “SEC”) and the Municipal Securities Rulemaking Board (the “MSRB”). In accordance with MSRB rules, this disclosure statement is provided by RSA Advisors to each client prior to the execution of its advisory agreement with written disclosures of any material conflicts of interest and legal or disciplinary events that are required to be disclosed with respect to providing financial advisory services pursuant to MSRB Rule G-42(b) and (c) (ii).

RSA Advisors employs a number of resources to identify and subsequently manage actual or potential conflicts of interest. These resources include the implementation of policies and procedures and a supervisory structure.

### **General Conflict of Interest Disclosures**

**Disciplinary History:** As a registered municipal advisory firm registered with the “SEC” and the “MSRB”, our disciplinary events are required to be disclosed on our forms MA and MA-I filed with the SEC. To review the disclosures on these forms, you may access them electronically via the SEC’s Electronic Data Gathering, Analysis, and Retrieval System (EDGAR) at: [www.sec.gov](http://www.sec.gov)

**Compensation Based:** The fees due under a Municipal Advisor Agreement may be based on the size of the transaction and the payment of such fees shall be contingent upon the closing of the transaction. While this form of compensation is usual and customary in the municipal securities market, this may present a conflict of interest. RSA believes that this conflict of interest will not impair our ability to render unbiased advice or to fulfill our fiduciary duty to the client.

**Sponsorships and Donations:** Upon request, RSA Advisors may provide sponsorships or donations to various municipal organizations (to which you may be a member), charitable organizations or client sponsored events. RSA Advisors limits the size of any such sponsorship or donation to a reasonable level taking into consideration various matters such as the purpose of the organization, other sponsorships or donations made to the organization and RSA Advisors’ role and physical presence in the community and the state.

**Other Municipal Advisory Relationship:** RSA Advisors serves a wide variety of clients that may potentially have interests that could have a direct or indirect impact on the interests of the client. RSA Advisors could potentially face a conflict of interest arising from these competing client interests. None of these other relationships or engagements would impair RSA Advisors’ ability to fulfill its regulatory duties to the client. To our knowledge, following reasonable inquiry, we are not aware of any actual or potential conflicts of interest that could reasonably be anticipated to impair our ability to provide advice to or on behalf of the client in accordance with the applicable standards of conduct of MSRB Rule G-42. If RSA becomes aware of any potential or actual conflict of interest after this disclosure, we will disclose the detailed information in writing to the client in a timely manner including a plan for mitigation.