



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

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Ryan Barrow
EXECUTIVE DIRECTOR

March 31, 2022

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

Dear Senator Girdler and Representative Freeland:

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

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

<u>Fund B Loans</u>	
City of Catlettsburg	\$499,853.09

The KIA will present Cleaner Water Program Grants for both sewer and water for approval. A detailed list of projects can be found starting on page 4.

The Cabinet for Economic Development will present three (3) Economic Development Fund (EDF) grants for the Committee’s approval:

Economic Development Fund Grant to the Graves County Fiscal Court on behalf of Graves County Economic Development, Inc.	\$115,000
Economic Development Fund Grant to the Shelby County Fiscal Court on behalf of Wieland North America Recycling, LLC	\$500,000
Economic Development Fund Grant to the City of Bowling Green on behalf of the Inter-Modal Transportation Authority, Inc.	\$500,000

Senator Girdler
Representative Freeland
March 31, 2022
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The Office of Financial Management will present two (2) new bond issue reports for the Committee's approval:

Kentucky Housing Corporation Multifamily Housing Revenue Bonds, Series 2022 (Carl D Perkins)	\$10,000,000+
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Kentucky Housing Corporation Multifamily Housing Revenue Bonds, Series 2022 (Eclipse in Russell Project)	\$43,000,000+
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Not to Exceed+

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

Caldwell County	\$7,965,000*
Owen County	\$3,070,000*

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,



Ryan Barrow,
Executive Director

Attachments

**Kentucky Infrastructure Authority
Projects for April 2022
Capital Projects and Bond Oversight Committee**

▪ **Fund B Loan**

<u>Loan #</u>	<u>Borrower</u>	<u>Amount Requested</u>	<u>Amount Loan Total</u>	<u>County</u>
B22-001	City of Catlettsburg	\$ 499,853.09	\$ 499,853.09	Boyd

Cleaner Water Program Grants - Sewer

Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
21CWS003	City of Kevil	Wastewater System Improvements	\$ 72,424	Ballard	County
21CWS015	Princeton Water & Wastewater Commission	Princeton - WWTP Improvements-Grit Chamber and Sludge Holding Tank	\$ 220,000	Caldwell	County
21CWS016	South 641 Water District	South 641 - System Rehab Phase II	\$ 200,000	Calloway	County
21CWS017	Sanitation District #1 of Northern Kentucky	US27 and AA Highway Sewer Improvements - Phase III	\$ 3,786,970	Campbell	County / Consent
21CWS018	Hopkinsville Water Environment Authority	ARPA Sewer Manhole Rehabilitation Project	\$ 100,000	Christian	County
21CWS019	Hopkinsville Water Environment Authority	Conference Center Force Main Relocation	\$ 400,000	Christian	County
21CWS020	Clark County Sanitation District	Clark Co SD - Rockwell Road Sanitary Sewer Improvements	\$ 600,000	Clark	County
21CWS021	Winchester Municipal Utilities Commission	WMU - Flanagan and Madison Outfall Sewers	\$ 5,000,000	Clark	Consent
21CWS022	City of Albany	Albany Bypass Sewer System Extension	\$ 375,267	Clinton	County
21CWS023	City of Marion	New Wastewater Treatment Plant	\$ 173,410	Crittenden	County
21CWS024	City of Burkesville	Burkesville Potter Home Lift Station Improvements	\$ 121,453	Cumberland	County
21CWS025	Regional Water Resource Agency	Williamsburg Square Pump Station and Force Main	\$ 269,823	Daviess	County
21CWS026	City of Sandy Hook	Buck Mobley Pump Station Renovation	\$ 276,070	Elliott	County
21CWS034	Carrollton Utilities	Sparta Pump Station Upgrades	\$ 45,100	Gallatin	County
21CWS035	City of Carrollton	Glencoe Pump Station Updates	\$ 63,800	Gallatin	County
21CWS042	City of Wurtland	City of Wurtland Liftstation Rehab	\$ 62,140	Greenup	County
21CWS043	City of Elizabethtown	Elizabethtown: Leitchfield Rd Sewer Line Upgrades	\$ 756,400	Hardin	County
21CWS044	City of Vine Grove	Vine Grove WWTP Improvements III	\$ 117,900	Hardin	County
21CWS045	City of Vine Grove	Vine Grove Sewer Improvements	\$ 39,607	Hardin	County
21CWS046	City of West Point	West Point Lift Station Upgrade	\$ 48,000	Hardin	County
21CWS047	Hardin County Water District #1	HCWD#1 Radcliff WWTP Improvements	\$ 205,000	Hardin	County
21CWS048	City of Cynthiana	Cynthiana - Country Club Area Pump Station Replacement	\$ 62,000	Harrison	County
21CWS049	Harrison County Sanitation District	HCSD - Phase 2 Sewer Project	\$ 167,787	Harrison	County
21CWS050	City of Corydon	Corydon Pump Station Rehab	\$ 100,000	Henderson	County
21CWS051	Henderson Water Utility	KY 425 Industrial Park - Sewer, Force Main & Pump Station	\$ 610,384	Henderson	County
21CWS052	City of Campbellsburg	I-71 Exit 34 Sewer Extension	\$ 539,014	Henry	County
21CWS053	Dawson Springs City Water and Sewer	Sanitary Sewer System Rehabilitation and WWTP Improvements	\$ 200,000	Hopkins	County
21CWS054	Louisville and Jefferson County MSD	Paddy's Run Flood Pumping Station - Capacity Improvements	\$ 12,039,997	Jefferson	County / Consent
21CWS055	City of Nicholasville	Nicholasville SSES and Sewer Rehabilitation Phase I	\$ 858,000	Jessamine	County
21CWS056	City of Wilmore	Wilmore Wastewater Collection System Rehabilitation - Phase 2	\$ 300,430	Jessamine	County
21CWS057	Sanitation District #1 of Northern Kentucky	Walnut Hall Peach	\$ 2,133,176	Kenton	County
21CWS061	City of Fleming-Neon	Fleming-Neon Sewer Rehabilitation Project	\$ 15,831	Letcher	County
21CWS062	City of Jenkins	Sewer I&I	\$ 79,155	Letcher	County
21CWS065	City of Crab Orchard	Phase 1 Stormwater Improvements	\$ 301,588	Lincoln	County
21CWS066	City of Smithland	Smithland Lagoon Rehabilitation Project	\$ 187,330	Livingston	County
21CWS067	City of Eddyville	Wastewater SSES and Rehabilitation - South of Fairview Ave	\$ 100,507	Lyon	County
21CWS068	City of Kuttawa	Kuttawa - Phase V SSES and Rehabilitation Project	\$ 100,507	Lyon	County
21CWS069	Paducah McCracken County Joint Sewer Agency	Manhole Rehabilitation	\$ 119,272	McCracken	County
21CWS072	City of Berea	Berea -Brushy Fork Sanitary Sewer Rehabilitation Project	\$ 588,571	Madison	County
21CWS073	City of Richmond	Richmond - TC15 Overflow Elimination Project	\$ 1,327,903	Madison	County
21CWS075	Salyersville Water Works	Salyersville Route 30 Pressure Sewer	\$ 55,000	Magoffin	County
21CWS076	City of Benton	Lift Station Rehabilitation Part 1	\$ 571,090	Marshall	County
21CWS077	City of Hardin	Hardin - Wastewater Rehabilitation Phase III	\$ 571,090	Marshall	County
21CWS078	City of Maysville	Wall Street Combined Sewer Elimination	\$ 168,000	Mason	County
21CWS071	McCreary County Water District	Old RECC and Office Sanitary Sewer Pump Station Replacements	\$ 252,076	McCreary	County
21CWS080	Menifee County Fiscal Court	Menifee Co Sanitation District Means Area System Rehab	\$ 28,726	Menifee	County

Cleaner Water Program Grants - Water

Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
21CWW011	Boone County Fiscal Court	Boone County Rural Waterline Extensions	\$ 1,226,476	Boone	County
21CWW021	Caldwell County Water District	Caldwell County Water District - Miscellaneous System Improvements	\$ 220,000	Caldwell	County
21CWW022	City of Fredonia	Fredonia - Leak Detection and Waterline Rehabilitation Project	\$ 28,147	Caldwell	County
21CWW023	City of Murray	4th ST. Water Main Relocation	\$ 932,352	Calloway	County
21CWW223	Dexter-Almo Heights Water District	Dexter-Almo Heights- Hwy 464 extension from Hopkins Road	\$ 300,000	Calloway	County
21CWW025	Northern Kentucky Water District	Water Main Replacement – Newport and The Ovation	\$ 1,000,000	Campbell	County
21CWW026	Milburn Water District	AC Line Rehabilitation	\$ 174,816	Carlisle	County
21CWW027	Carroll County Fiscal Court	Hwy 36 HDPE Replacement	\$ 100,000	Carroll	County
21CWW028	Carroll County Fiscal Court	West Carroll Service Replacements	\$ 100,000	Carroll	County
21CWW029	City of Olive Hill	Olive Hill Leak Detection and Repair	\$ 325,120	Carter	County
21CWW030	Grayson Utilities Commission	KY 3297 Waterline Replacement	\$ 566,000	Carter	County
21CWW031	Rattlesnake Ridge Water District	Rattlesnake Ridge GPS/GIS System	\$ 93,028	Carter	County
21CWW032	East Casey County Water District	2020 System Upgrades	\$ 593,456	Casey	County
21CWW033	Christian County Water District	2021 System Extension Project (Phase IX)	\$ 1,133,549	Christian	County
21CWW034	City of Oak Grove	Commercial Meter Replacement Project	\$ 268,835	Christian	County
21CWW035	Hopkinsville Water Environment Authority	ARPA AMR/AMI Water Meter Replacement Program	\$ 685,370	Christian	County
21CWW036	East Clark County Water District	Muddy Creek Booster Pump Station Rehabilitation and Zone Metering	\$ 350,000	Clark	County
21CWW037	Winchester Municipal Utilities Commission	KY River Intake Emergency Power & Reservoir Interconnection	\$ 381,797	Clark	County
21CWW038	Crittenden-Livingston County Water District	CLWD-WTP Filter Replacement-Crittenden CWG	\$ 150,000	Crittenden	County
21CWW040	City of Whitesville	Ward Road Water Line Upgrade	\$ 198,679	Daviess	County
21CWW041	Daviess County Fiscal Court	Jack Hinton Road Water Main Project	\$ 847,596	Daviess	County
21CWW042	Daviess County Water District	Reed Road Pump Upgrade	\$ 165,000	Daviess	County
21CWW043	Daviess County Water District	Carter Road Pump Station Upgrade	\$ 165,000	Daviess	County
21CWW044	Daviess County Water District	HWY 54 Waterline Relocation	\$ 275,000	Daviess	County
21CWW045	Daviess County Water District	Wing Avenue - Wimsatt Court Waterline Upgrade	\$ 1,310,000	Daviess	County
21CWW046	Daviess County Water District	Master Meter Installation Project	\$ 200,000	Daviess	County
21CWW047	Owensboro Municipal Utilities	Birkhead Ave Small Main Replacement	\$ 54,000	Daviess	County
21CWW048	Owensboro Municipal Utilities	Jeff Place Small Main Replacement	\$ 55,000	Daviess	County
21CWW049	Owensboro Municipal Utilities	Stonewall Court Small Main Replacement	\$ 60,000	Daviess	County
21CWW050	Owensboro Municipal Utilities	Cedar Street Small Main Replacement	\$ 128,000	Daviess	County
21CWW056	City of Martin	Interconnect for Emergency	\$ 174,000	Floyd	County
21CWW057	Prestonsburg City's Utilities Commission	Water Meter Replacement Phase 1	\$ 327,924	Floyd	County
21CWW063	City of Dry Ridge	E-Z Street Water Tower Repairs	\$ 230,170	Grant	County
21CWW065	Corinth Water District	Stringtown Tank Restoration	\$ 155,085	Grant	County
21CWW068	City of Raceland	Radio Read Meters	\$ 128,000	Greenup	County
21CWW070	City of South Shore	Main Street Water Line Reconstruction	\$ 164,731	Greenup	County
21CWW071	City of Worthington	Clean out Wells to Increase Output	\$ 62,140	Greenup	County
21CWW072	City of Lewisport	Lewisport/EDCWA Emergency Interconnect	\$ 37,325	Hancock	County
21CWW073	City of Lewisport	County Booster Station Improvement	\$ 283,000	Hancock	County
21CWW074	City of Vine Grove	Vine Grove Main Street- Water Line Improvements	\$ 146,141	Hardin	County
21CWW075	Hardin County Water District #1	HCWD#1 Waterline Replacements & Extensions	\$ 1,000,000	Hardin	County
21CWW076	Hardin County Water District #2	HCWD#2 Mulberry Tank	\$ 1,762,000	Hardin	County
21CWW078	Harrison County Water Association Inc	US 27 & KY 353 Water Main Replacement and Extension Project	\$ 134,087	Harrison	County
21CWW079	Harrison County Water Association Inc	HCWA - KY 353 Water Main Extension Project	\$ 60,447	Harrison	County
21CWW080	Edmonson County Water District	ECWD - Hart County Service Improvements	\$ 202,773	Hart	County
21CWW081	Green River Valley Water District	Hart County Water Line Project (GRVWD)	\$ 403,307	Hart	County
21CWW082	Green River Valley Water District	Shady Lane and Caldwell Road Water Line Extension	\$ 93,000	Hart	County

Cleaner Water Program Grants - Water

Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
21CWW083	Henderson County Water District	Spottsville Bridge Crossing Project	\$ 200,000	Henderson	County
21CWW084	Henderson Water Utility	KY 425 Industrial Park - Water Main	\$ 750,000	Henderson	County
21CWW085	City of New Castle	New Castle Water Meter Replacement Project - Phase I	\$ 20,000	Henry	County
21CWW086	Henry County Water District #2	Filter #1 Rehabilitation	\$ 33,230	Henry	County
21CWW087	City of Columbus	Columbus Water Works - Water Tank Maintenance	\$ 160,860	Hickman	County
21CWW088	City of Earlington	South Atkinson Avenue Waterline Replacement Project	\$ 110,000	Hopkins	County
21CWW089	City of Hanson	Line Upgrades & Valve Installation Project	\$ 110,000	Hopkins	County
21CWW090	City of Mortons Gap	Mortons Gap Water System Improvement Project	\$ 109,020	Hopkins	Unserved
21CWW091	City of Mortons Gap	Mortons Gap - White City Road Water Line Extension	\$ 110,000	Hopkins	County
21CWW092	City of Nortonville	Nortonville Waterline Replacement Project	\$ 150,000	Hopkins	County
21CWW093	City of White Plains	Water Line and Service Replacement Project	\$ 110,000	Hopkins	County
21CWW094	Madisonville Municipal Utilities	Bartlett Ave Water Line Replacement Project	\$ 380,000	Hopkins	County
21CWW095	Nebo Water District	Pump Station Replacement, SCADA and AMR Project	\$ 160,000	Hopkins	County
21CWW096	North Hopkins Water District	North Hopkins - Water Tank Painting Project	\$ 150,000	Hopkins	County
21CWW097	South Hopkins Water District	SHWD - Water System Improvements and New Administration Office	\$ 161,140	Hopkins	County
21CWW098	Louisville Water Company	Oak Street 48-inch Rehabilitation	\$ 5,114,360	Jefferson	County
21CWW099	Louisville Water Company	W. Muhammad Ali Blvd. Area MRRP	\$ 1,925,637	Jefferson	County
21CWW100	Jessamine County Water District #1	JCWD #1 - Vincewood and Carolyn Lane Water Line Upgrades	\$ 79,000	Jessamine	County
21CWW101	Jessamine County Water District #1	JCWD #1 - Mead Court Water Line Upgrade	\$ 295,500	Jessamine	County
21CWW102	Jessamine County Water District #1	JCWD #1 - SCADA Upgrade	\$ 40,000	Jessamine	County
21CWW103	Jessamine-South Elkhorn Water District	JSEWD - Parks Lane Tank Painting	\$ 414,500	Jessamine	County
21CWW104	Paintsville Utilities Commission	Sugar Grove BPS & Water Supply Line Replacement	\$ 814,877	Johnson	County
21CWW105	Northern Kentucky Water District	Em. Power Gen. Taylor Mill WTP & Fort Thomas WTP Basin Improvements	\$ 1,000,000	Kenton	County
21CWW224	Corbin City Utilities Commission	North Corbin Water Tank Rehab	\$ 110,988	Laurel	County
21CWW225	East Laurel Water District	Old Salem Rd./McWhorter Rd. System Improvements	\$ 448,640	Laurel	County
21CWW226	Laurel County Water District #2	Aisin Water Storage Tank Rehabilitation	\$ 530,000	Laurel	County
21CWW227	Wood Creek Water District	20" Transmission Main Relocate	\$ 428,450	Laurel	County
21CWW108	Letcher County Water & Sewer District	Regional Interconnect & Distribution Lines Cumberland River Ph4	\$ 696,570	Letcher	County
21CWW112	City of Hustonville	Hustonville Phase 2 Water System Improvements	\$ 300,000	Lincoln	County
21CWW113	Stanford Water Commission	Stanford - Hicks Lane & Patrick Road Water Line Improvements	\$ 300,000	Lincoln	County
21CWW115	City of Adairville	Adairville Water System Improvements	\$ 103,480	Logan	County
21CWW116	City of Auburn	Water System Upgrade - W Main St Area	\$ 111,040	Logan	County
21CWW117	City of Russellville	2021 System Upgrade and Sidewalk Project	\$ 111,040	Logan	County
21CWW118	East Logan Water District	Ky Hwy 79 Master Meter Area - Meter Service Replacement Project	\$ 144,375	Logan	County
21CWW119	Logan-Todd Regional Water Commission	LTRWC - Replace North Russellville Corroded Pipe	\$ 261,040	Logan	County
21CWW121	Todd County Water District	Water Meter Enhancement - Cellular Endpoints	\$ 144,374	Logan	County
21CWW123	Paducah Water Works	Midtown Area Water Main Replacement	\$ 1,201,272	McCracken	County
21CWW131	Madison County Utilities District	Madison Co. Utilities District - College Hill Water Project	\$ 608,105	Madison	County
21CWW132	Southern Madison Water District	SMWD - AMR Water Meters	\$ 34,675	Madison	County
21CWW134	Southern Madison Water District	SMWD - New SCADA System	\$ 19,720	Madison	County
21CWW135	Magoffin County Water District	KY 542/1502 and KY 378 Water Project	\$ 311,625	Magoffin	County
21CWW137	Lebanon Water Works Company Inc	Fagan Branch Flow Metering	\$ 83,524	Marion	County
21CWW138	Lebanon Water Works Company Inc	Actuator and Valve Replacement	\$ 247,029	Marion	County
21CWW139	Lebanon Water Works Company Inc	Lebanon Water Works Turbidity Unit	\$ 7,078	Marion	County
21CWW140	Marion County Water District	KY Hwy 337 Water System Upgrades	\$ 276,050	Marion	County
21CWW141	Marion County Water District	Riley Water Tank Piping Upgrades	\$ 94,140	Marion	County
21CWW142	Martin County Water District	Water System Controls and Raw Water Modifications Phase II	\$ 411,148	Martin	County

Cleaner Water Program Grants - Water

Grant Number	Grantee	Project Title	Amount	County	Allocation Pool
21CWW143	Western Lewis-Rectorville Water & Gas District	WLRWD Office Tank - Planning & Design	\$ 150,000	Mason	County
21CWW124	McCreary County Water District	WTP Activated Carbon Feed Systems	\$ 380,750	McCreary	County
21CWW125	City of Calhoun	Calhoun Water Tank Repair Project	\$ 100,000	McLean	County
21CWW126	City of Livermore	Livermore Meter Replacement Project	\$ 100,000	McLean	County
21CWW128	McLean County Fiscal Court	Beech Grove Meter Replacement	\$ 20,000	McLean	County
21CWW129	McLean County Regional Water Commission	MCRWC Rumsey PRV	\$ 20,000	McLean	County
21CWW145	Cave Run Water Commission	CRWC Master Meter Change Out Project	\$ 39,000	Menifee	County
21CWW156	City of Jeffersonville	Highway 1050 Line Replacement Project	\$ 129,262	Montgomery	County

EXECUTIVE SUMMARY		Reviewer	Alex Fisher	
KENTUCKY INFRASTRUCTURE AUTHORITY		Date	February 3, 2022	
FUND B, INFRASTRUCTURE		KIA Loan Number	B22-001	
REVOLVING LOAN FUND		WRIS Number	SX21019075	
BORROWER	CITY OF CATLETTSBURG BOYD COUNTY			
BRIEF DESCRIPTION				
The City of Catlettsburg finished their Wastewater Treatment Plant (WWTP) project and operational since late 2018. This project included replacing a sludge press at the WWTP and approximately 2,000 linear feet of collection system. The Fund B loan will remedy the present City certification hurdle.				
Original Project Description: This project will rehabilitate two 250,000 gallon wastewater treatment tanks, expand one tank by 150,000 gallons per day, install a new sludge press, headworks screen and grit chamber, rehab three pump stations and raise four manholes. This project will also rehabilitate sections of the sanitary sewer collection system.				
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %	
Fund B Loan	499,853	Construction	499,853	
TOTAL	<u>\$499,853</u>	TOTAL	<u>\$499,853</u>	
REPAYMENT	Rate	0.75%	Est. Annual Payment \$27,960	
	Term	20 Years	1st Payment 6 Mo. after first draw	
PROFESSIONAL SERVICES	Engineer	E. L. Robinson Engineering Co.		
	Bond Counsel	Rubin & Hays		
PROJECT SCHEDULE	Bid Opening	May-16		
	Construction Start	Jul-17		
	Construction Stop	Aug-18		
DEBT PER CUSTOMER	Existing	\$2,460		
	Proposed	\$2,471		
OTHER DEBT	See Attached			
RESIDENTIAL RATES	Current	<u>Users</u> 1,174	<u>Avg. Bill</u> \$42.51 (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 2018	180,199	193,987	(13,788)	0.9
Audited 2019	211,437	34,422	177,015	6.1
Audited 2020	105,574	34,730	70,844	3.0
Projected 2021	(82,270)	34,674	(116,944)	-2.4
Projected 2022	105,087	94,087	11,001	1.1
Projected 2023	174,302	162,341	11,961	1.1
Projected 2024	177,820	162,314	15,506	1.1
Projected 2025	181,409	162,286	19,123	1.1

Reviewer: Alex Fisher
Date: February 3, 2022
Loan Number: B22-001

**KENTUCKY INFRASTRUCTURE AUTHORITY
WASTEWATER REVOLVING LOAN FUND (FUND "B")
CITY OF CATLETTSBURG, BOYD COUNTY
PROJECT REVIEW
SX2109075**

I. PROJECT DESCRIPTION

The City of Catlettsburg is seeking a Fund B loan in the amount of \$499,853.09 to repay a portion of their existing Fund A14-013 loan which funded the replacement of a sludge press at the WWTP and approximately 2,000 linear feet of collection system. The Wastewater Treatment Plant (WWTP) project is complete and has been operational since late 2018. EPA required that a portion of the Fund A loan be repaid because the City was unable to meet the American Iron and Steel requirement on a portion of the Fund A project.

The City was unable to produce American Iron and Steel (AIS) certification on the materials used for the collection system replacement work. SRF program requirements do not allow AIS Certification waivers. Therefore, EPA requires the city to repay the portion of the loan that is not in compliance.

The original Fund A loan was for a total of \$2,485,000 out of a project cost of \$3,335,000. Additional funding sources were \$700,000 in CDBG and \$150,000 in local funds. The City received 10% principal forgiveness of \$248,500 for the Fund A loan. The CDBG portion of the treatment plant has been closed out and cannot be diverted to the collections system work. The Division of Water (DOW) reviewed the contract details and determined that \$341,353.09 on Contract #1 and \$158,500.00 on Contract #2 for a total of \$499,853.09 represents the collection system work that is unable meet the AIS certification requirements.

The Fund a loan (A14-013) will be repaid in the amount of this Fund B loan. This Fund B loan will retain the original terms from the Fund A loan, a 0.75% interest rate with a 20-year loan term.

II. PROJECT BUDGET

	<u>Total</u>
Construction	499,853
Total	\$ 499,853

III. PROJECT FUNDING

	Amount	%
Fund B Loan	\$ 499,853	100%
Total	\$ 499,853	100%

IV. KIA DEBT SERVICE

Construction Fund B Loan	\$ 499,853
Less: Principal Forgiveness	0
Amortized Loan Amount	\$ 499,853
Interest Rate	0.75%
Loan Term (Years)	20
Estimated Annual Debt Service	\$ 26,961
Administrative Fee (0.20%)	1,000
Total Estimated Annual Debt Service	\$ 27,960

V. PROJECT SCHEDULE

Bid Opening	May 2016
Construction Start	July 2017
Construction Stop	December 2017

VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

A) Customers

Customers	Current	Total
Residential	977	977
Commercial	195	195
Industrial	2	2
Total	1,174	1,174

B) Rates

In City Sewer	<u>Current</u>	<u>Prior</u>
Date of Last Rate Increase	01/01/22	01/01/21
Minimum 1,000 gallons	\$16.38	\$15.81
Each additional 1,000 Gallons	8.71	8.41
Cost for 4,000 gallons	\$42.51	\$41.04
Increase %	3.6%	
Affordability Index (Rate/MHI)	1.3%	

Outside City Sewer	<u>Current</u>	<u>Prior</u>
Date of Last Rate Increase	01/01/22	01/01/21
Minimum	\$20.18	\$19.48
Each additional 1,000 Gallons	10.93	10.55
Cost for 4,000 gallons	\$52.97	\$51.13
Increase %	3.6%	
Affordability Index (Rate/MHI)	1.6%	

	<u>Current Jan 2022</u>	<u>Proposed July 1, 2022</u>
In City Rate	42.51	49.74
Outside City Rate	52.97	61.97

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2010-2014, the City’s population was 1,959 with a Median Household Income (MHI) of \$31,304. The Fund A loan (A14-013) originally qualified for a .75% interest rate, which is retained for this new Fund B (B22-001) loan.

VIII. 2013 CAPITALIZATION GRANT EQUIVALENCIES

- 1) Green Project Reserve - This project does not qualify for Green Project Reserve (GPR).
- 2) Additional Subsidization – The original project Fund A loan will retain the \$248,500 in principal forgiveness, while the full amortized Fund B loan will be repaid.

IX. FINANCIAL ANALYSIS

Financial information was obtained from the City's audited financial statements for the Sewer Fund for the years ended June 30, 2018 through 2020. The non cash impact of GASB 68, Accounting and Financial Reporting for Pensions, has been removed from fiscal years operating expenses.

HISTORY

Sewer revenues were flat from \$505,119 in 2018 to \$506,582 in 2020 while operating expenses increased 23%, or roughly \$75,000 during the same period. The utility has kept their debt service low to help balance the flat revenues and increased expenses.

The balance sheet reflects a current ratio of 1.2, and a debt to equity ratio of 0.9. The collection period was 25.2 days and the number of months of operating expenses in unrestricted cash was 8.8.

PROJECTIONS

Cash flow after debt service has been favorable only when depreciation is added back in as a non-cash expense. Additionally, the utility has accumulated over \$123,000 in debt to the General Fund in 2020, and the draft 2021 audit shows a continued rise above \$238,000. The current ratio of 1.2 would improve to 2.1 if this debt was excluded from current liabilities. The increase liability to the General Fund will lower the current ratio to 0.7. The debt service coverage requirement for the loan was 1.1 and the balance sheet weakness necessitates increased revenues to support this Fund B loan.

Projections are based on the following assumptions:

- 1) Sewer revenues were increased in January 2022 3.2% due to the annual Consumers Price Index (CPI) ordinance.
- 2) The City will increase the sewer rate 17% effective July 1, 2022 to maintain the required 1.1 debt coverage ratio.
- 3) The annual CPI rate adjustment is estimated at 2% annually.
- 4) Expenses will increase 2% for inflation.
- 5) Debt service coverage is 1.1 in 2022 when principal and interest repayments begin.

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

REPLACEMENT RESERVE

The annual replacement cost is \$1,200. This amount should be added to the replacement account each December 1 until the balance reaches \$24,000 and maintained for the life of the loan.

X. DEBT OBLIGATIONS

	<u>Outstanding</u>	<u>Maturity</u>
KIA B15-004	\$ 206,241	2035
KIA A14-013	2,681,500	TBD
Total	\$ 2,887,741	

XI. CONTACTS

Legal Applicant	
Entity Name	City of Catlettsburg
Authorized Official	Faith Day (Mayor)
County	Boyd
Email	faithday@catlettsburg.us
Phone	(606) 615-5497
Address	2611 Louisa St Catlettsburg, KY 41129

Applicant Contact	
Name	Michelle Veach
Organization	
Email	shell4602@aol.com
Phone	(606) 922-4602
Address	PO Box 533 Ashland, KY 41101

Consulting Engineer

PE Name	Michael Williams
Firm Name	E. L. Robinson Engineering Co.
Email	
Phone	(304) 776-7473
Address	202 N. 5th St Ironton, OH 45638

XII. RECOMMENDATIONS

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

Sewer rates will be increased by 17% effective July 1, 2022 to maintain the 1.1 debt coverage ratio.

CITY OF CATLETTSBURG
FINANCIAL SUMMARY (JUNE YEAR END)

	<u>Audited</u> <u>2018</u>	<u>Audited</u> <u>2019</u>	<u>Audited</u> <u>2020</u>	<u>Projected</u> <u>2021</u>	<u>Projected</u> <u>2022</u>	<u>Projected</u> <u>2023</u>	<u>Projected</u> <u>2024</u>	<u>Projected</u> <u>2025</u>
Balance Sheet								
Assets								
Current Assets	487,579	278,930	331,336	275,368	292,119	310,880	327,386	347,609
Other Assets	6,714,718	7,079,801	6,850,238	6,632,271	6,871,278	6,597,936	6,324,594	6,051,252
Total	7,202,297	7,358,731	7,181,574	6,907,639	7,163,397	6,908,816	6,651,980	6,398,861
Liabilities & Equity								
Current Liabilities	324,987	258,463	278,153	388,094	413,780	415,366	416,963	418,613
Long Term Liabilities	2,879,156	3,079,239	3,107,186	3,128,262	3,465,287	3,301,174	3,135,763	2,969,002
Total Liabilities	3,204,143	3,337,702	3,385,339	3,516,356	3,879,067	3,716,539	3,552,726	3,387,615
Net Assets	3,998,154	4,021,029	3,796,235	3,391,283	3,284,330	3,192,276	3,099,254	3,011,246
Cash Flow								
Revenues	505,119	549,062	506,582	481,356	516,014	593,416	605,284	617,390
Operating Expenses	326,087	339,473	401,307	563,932	411,233	419,420	427,770	436,287
Other Income	1,167	1,848	299	306	306	306	306	306
Cash Flow Before Debt Service	180,199	211,437	105,574	(82,270)	105,087	174,302	177,820	181,409
Debt Service								
Existing Debt Service	193,987	34,422	34,730	34,674	80,107	134,381	134,354	134,326
Proposed KIA Loan	0	0	0	0	13,980	27,960	27,960	27,960
Total Debt Service	193,987	34,422	34,730	34,674	94,087	162,341	162,314	162,286
Cash Flow After Debt Service	(13,788)	177,015	70,844	(116,944)	11,001	11,961	15,506	19,123
Ratios								
Current Ratio	1.5	1.1	1.2	0.7	0.7	0.7	0.8	0.8
Debt to Equity	0.8	0.8	0.9	1.0	1.2	1.2	1.1	1.1
Days Sales in Accounts Receivable	25.1	30.4	25.2	32.1	32.1	32.1	32.1	32.1
Months Operating Expenses in Unrestricted Cash	7.8	8.1	8.8	5.0	7.2	7.4	7.6	8.0
Debt Coverage Ratio	0.9	6.1	3.0	(2.4)	1.1	1.1	1.1	1.1

EXECUTIVE SUMMARY		Reviewer	John Brady
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS003
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21007022
GRANTEE	KEVIL, CITY OF BALLARD COUNTY		
BRIEF DESCRIPTION			
<p>The City of Kevil's Wastewater Treatment Facility has surpassed its design life and the design capacity of the plant is exceeded on a regular basis. The Wastewater Treatment Plant has not undergone any major upgrades in the past 30 years and the KPDES permit limits have been exceeded on several occasions. The city is currently under an Agreed Order (Case No. DOW-20-3-0027) to bring the facility into compliance. The deadline for full operation of needed improvements is November 13, 2024.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS003	\$72,424	Construction	1,405,000
Other	1,332,576		
TOTAL	<u>\$1,405,000</u>	TOTAL	<u>\$1,405,000</u>
PROFESSIONAL SERVICES	Engineer	Shawnee Survey & Consulting, Inc.	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 315	<u>Avg. Bill</u> \$ 21.35 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Ballard	\$ 72,424.00	
	Total	\$ 72,424.00	
Notes:			

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT		Reviewer CPBOC Date KIA Grant Number WRIS Number	John Brady April 19, 2022 21CWS015 SX21033010
GRANTEE	PRINCETON WATER & WASTEWATER COMMISSION CALDWELL COUNTY		
BRIEF DESCRIPTION			
This project includes numerous improvements to the existing WWTP. Due to age of the facility, numerous improvements are required to maintain the operation of the plant. No capacity increase is proposed. The proposed improvements include the addition of a flow diversions structure and equalization basin pump station, a new equalization basin to aid in addressing current I&I issues, replacement of the existing influent screen, replacement of the existing grit removal system, modifications to the existing oxidation ditches to improve treatment, replacement of valves in the existing WAS pump station, modifications and repairs to the existing clarifiers, the addition of additional aeration to the existing sludge holding basins, replacement of the existing belt filter press, improvements to the existing control building, replacement of the existing emergency generator, miscellaneous electrical and mechanical improvements and a new SCADA system.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS015	\$220,000	Administrative Expenses	\$50,000
Other	13,330,000	Legal Expenses	10,000
		Planning	70,000
		Eng - Design / Const	6.4% 6.4% 775,000
		Eng - Insp	3.0% 4.1% 496,000
		Construction	10,780,000
		Contingency	1,369,000
TOTAL	\$13,550,000	TOTAL	\$13,550,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	June 1, 2023	
	Construction Start	September 1, 2023	
	Construction Stop	January 1, 2025	
RESIDENTIAL RATES	Current	Users 2,860	Avg. Bill \$ 28.04 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Caldwell	\$ 220,000.00	
	Total	\$ 220,000.00	
Notes:			
Plan to apply for srf funding in future			

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

Reviewer John Brady
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWS016
 WRIS Number SX21035023

GRANTEE SOUTH 641 WATER DISTRICT
 CALLOWAY COUNTY

BRIEF DESCRIPTION

During phase I, the city has completed some smoking testing and TV inspection of the existing lines. The inspections have shown more rehab that is needed than there are funds available. The district proposes to use funds to complete wastewater system improvements. The project will include sewer rehab.

PROJECT FINANCING		PROJECT BUDGET			RD Fee %	Actual %
CWP - Sewer Grant - 21CWS016	\$200,000	Construction				\$553,200
Other	623,700	Contingency				104,800
		Administrative Expenses				11,100
		Eng - Design / Const	9.6%	11.4%		75,300
		Eng - Insp	6.6%	6.0%		39,300
		Eng - Other				40,000
TOTAL	\$823,700	TOTAL				\$823,700

PROFESSIONAL SERVICES Engineer Colburn Development Company LLC

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES Current Users 212 Avg. Bill \$ 33.56 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Calloway	\$	200,000.00	
		Total	\$	200,000.00

Notes:

EXECUTIVE SUMMARY		Reviewer	John Brady
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS017
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21037007
GRANTEE	SANITATION DISTRICT #1 OF NORTHERN KENTUCKY CAMPBELL COUNTY		
BRIEF DESCRIPTION			
This project will increase the capacity of both the Centerplex Pump Station and the Cold Springs Crossing Pump Station and redirect flows from Wolpert Pump Station to the Eastern Regional Water Reclamation Facility. The project will also reduce overflows that are occurring and increase capacity in the area which will allow for economic growth.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS017	\$3,786,970	Construction	\$3,786,970
Local	1,088,030	Contingency	470,000
	-	Land, Easements	200,000
		Planning	36,962
		Eng - Design / Const	381,068
TOTAL	\$4,875,000	TOTAL	\$4,875,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u>	<u>Avg. Bill</u>
	Additional	11,150	\$ 35.78 (for 4,000 gallons)
		493	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Campbell	\$ 2,436,970.00	
Consent Decree Pool		\$ 1,350,000.00	
	Total	\$ 3,786,970.00	
Notes:			
Local funds anticipated for additional funding			

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

Reviewer John Brady
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWS018
 WRIS Number SX21047033

GRANTEE HOPKINSVILLE WATER ENVIRONMENT AUTHORITY
 CHRISTIAN COUNTY

BRIEF DESCRIPTION

HWEA proposes to rehabilitate approximately 50 sanitary sewer manholes in order to reduce inflow and infiltration into the sanitary sewer system. The manholes are primarily brick or pre-cast concrete construction and will be rehabilitated with a mechanically applied polyurethane/polyurethane lining system or cementitious material & epoxy lining system. The project is in support of HWEA's CMOM (Capacity, Management, Operation, & Maintenance) Program.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Sewer Grant - 21CWS018	\$100,000	Construction			\$100,000
TOTAL	\$100,000	TOTAL			\$100,000

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE
 Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES
 Current Users 12,797 Avg. Bill \$ 28.68 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Christian	\$ 100,000.00		
	Total	\$ 100,000.00		

Notes:

EXECUTIVE SUMMARY		Reviewer	John Brady
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS019
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21047034
GRANTEE	HOPKINSVILLE WATER ENVIRONMENT AUTHORITY CHRISTIAN COUNTY		
BRIEF DESCRIPTION			
<p>HWEA proposed to construct a new Sewage Pumping Station and sanitary sewer force main. The project will preliminarily consist of a 300 gpm pumping station and approximately 1,900 LF of PVC force main. The project area does not have public sewer available and all businesses and residences are served by septic tank. Expanding sewer service to this area will allow Hopkinsville to eliminate septic tanks in this area and safely treat industrial waste from the businesses.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS019	\$400,000	Construction	\$342,500
		Eng - Design / Const	11.0% 16.8% 57,500
TOTAL	\$400,000	TOTAL	\$400,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 12,797	<u>Avg. Bill</u> \$ 28.68 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Christian	\$ 400,000.00	
	Total	\$ 400,000.00	
Notes:			

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT		Reviewer CPBOC Date KIA Grant Number WRIS Number	Kelly Cunnagin April 19, 2022 21CWS020 SX21049045
GRANTEE	CLARK COUNTY SANITATION DISTRICT CLARK COUNTY		
BRIEF DESCRIPTION The proposed project will provide sanitary sewers to the western portion of Clark County that is currently unincorporated. The projects aims to remove three aging package wastewater treatment, two of which are privately owned by Home Owners Associations. The proposed project will be broken down into 4 phases: Phase 1A – Construction of approximately 11,600 LF of force main, a new pump station, and 2,300 LF of gravity sewer to Tree Haven Subdivision. The force main and pump station would convey the flow from the entire project to the Strodes Creek WWTP. Phase 1B – Installation of approximately 3,000 LF of gravity sewer to service the Rockwell Road Neighborhood, allowing for the decommissioning of a pump station and package wastewater treatment plant. Phase 1C – Installation of 1,200 LF of gravity sewer to service land for future development. Phase 1D – Installation of 5,800 LF of force main, two pump stations, and 6,700 LF of gravity sanitary sewer to the Yorktowne Neighborhood. This phase would allow the decommissioning of a package wastewater treatment plant that has a high risk of failure in an area with LMI.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS020	\$600,000	Administrative Expenses	\$75,000.00
Other	9,491,400	Legal Expenses	\$15,000.00
		Land, Easements	\$166,000.00
		Planning	\$10,000.00
		Eng - Design / Const	6.4% 6.2% \$570,000.00
		Construction	\$8,414,000.00
		Contingency	\$841,400.00
TOTAL	\$10,091,400	TOTAL	\$10,091,400
PROFESSIONAL SERVICES	Engineer	Palmer Engineering Co., Inc.	
PROJECT SCHEDULE	Bid Opening	December 1, 2022	
	Construction Start	February 1, 2023	
	Construction Stop	February 1, 2024	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	0	\$ - (for 4,000 gallons)
	Additional	280	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Clark	\$ 600,000.00	
	Total	\$ 600,000.00	
Notes:			
Other funding TBD; no rate information provided			

EXECUTIVE SUMMARY		Reviewer	Kelly Cunnagin		
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022		
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS021		
CLEANER WATER PROGRAM GRANT		WRIS Number	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 provided at a later date.					
PROJECT FINANCING		PROJECT BUDGET			
CWP - Sewer Grant - 21CWS021	\$5,000,000	RD Fee %	Actual %		
Other	1,430,000				
				Administrative Expenses \$15,000.00	
				Legal Expenses \$15,000.00	
		Eng - Design / Const	6.7%	4.3%	\$260,000.00
		Eng - Insp	3.3%	2.0%	\$120,000.00
		Eng - Other			\$20,000.00
		Construction			\$4,949,539.00
		Contingency			\$1,050,461.00
TOTAL	\$6,430,000	TOTAL			\$6,430,000
PROFESSIONAL SERVICES	Engineer	Bell Engineering			
PROJECT SCHEDULE	Bid Opening	August 1, 2022			
	Construction Start	October 1, 2022			
	Construction Stop	December 31, 2023			
RESIDENTIAL RATES	Current	Users	Avg. Bill		
		8,882	\$ 45.30	(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			
	Total	\$ 5,000,000.00			
Notes:					
Other funding source TBD					

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

Reviewer Kelly Cunnagin
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWS022
 WRIS Number SX21053016

GRANTEE ALBANY, CITY OF
 CLINTON COUNTY

BRIEF DESCRIPTION

Albany Bypass project consists of installing approximately 25,300 LF of 4-Inch Sewer Force Main and appurtenances around the Albany Bypass. Project will also include a new 80 GPM Sewage Lift Station.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Sewer Grant - 21CWS022	\$375,267	Administrative Expenses			\$5,000
Other	724,733	Legal Expenses			2,500
		Eng - Design / Const	9.0%	8.9%	83,000
		Eng - Insp	5.7%	5.7%	53,000
		Eng - Other			17,500
		Construction			844,600
		Contingency			84,400
		Other			10,000
TOTAL	\$1,100,000	TOTAL			\$1,100,000

PROFESSIONAL SERVICES Engineer Monarch Engineering, Incorporated

PROJECT SCHEDULE
 Bid Opening January 1, 2023
 Construction Start February 1, 2023
 Construction Stop July 1, 2023

RESIDENTIAL RATES

	Users	Avg. Bill
Current	941	\$ 22.77 (for 4,000 gallons)
Additional	95	

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Clinton	\$ 375,267.00
	Total	\$ 375,267.00

Notes:

EXECUTIVE SUMMARY		Reviewer	Kelly Cunnagin
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS023
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21055006
GRANTEE	MARION, CITY OF CRITTENDEN COUNTY		
BRIEF DESCRIPTION			
<p>The project will replace approximately 43,300 linear feet of 8-inch, 10-inch, and 15-inch gravity sewer and construct 7,100 linear feet of new line extensions to connect to the new WWTP location including a 24-inch gravity sewer and a 10 and 12-inch force main. The existing WWTP will be decommissioned. The project will also add 66 manholes and rehabilitate 105 manholes, and construct a new 1.5 million gallons per day wastewater treatment plant, adjacent to the current plant, which consists of influent pumping, screening, aeration, clarification, disinfection, return activated sludge/waste activated sludge pumping, solids processing, administration building, and maintenance garage.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS023	\$173,410	Administrative Expenses	\$50,000
		Eng - Design / Const	12.7% 6.7% 1,161,790
		Eng - Insp	11.1% 3.4% 597,242
		Eng - Other	131,500
		Construction	16,197,812
		Contingency	1,220,020
		Other	-
TOTAL	\$173,410	TOTAL	\$19,410,364
PROFESSIONAL SERVICES	Engineer	Eclipse Engineers, PLLC	
PROJECT SCHEDULE	Bid Opening	November 28, 2018	
	Construction Start	February 27, 2019	
	Construction Stop	April 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 1,335	<u>Avg. Bill</u> \$ 27.52 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Crittenden	\$ 173,410.00	
	Total	\$ 173,410.00	
Notes:			

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

Reviewer Kelly Cunnagin
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWS024
 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 100% backup capability and will restore the system to its original design operating capacity.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %	
CWP - Sewer Grant - 21CWS024	\$121,453	Administrative Expenses				\$10,000
		Eng - Design / Const	12.9%	7.7%		17,000
		Eng - Insp	11.7%	0.0%		-
		Eng - Other				28,000
		Construction				200,000
		Contingency				20,000
TOTAL	\$121,453	TOTAL				\$275,000

PROFESSIONAL SERVICES Engineer GRW Engineers, Inc.

PROJECT SCHEDULE
 Bid Opening September 1, 2022
 Construction Start October 17, 2022
 Construction Stop April 30, 2023

RESIDENTIAL RATES
 Current Users 637 Avg. Bill \$ 38.10 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Cumberland	\$ 121,453.00		
	Total	\$ 121,453.00		

Notes:

EXECUTIVE SUMMARY		Reviewer	Kelly Cunnagin
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS025
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21059063
GRANTEE	REGIONAL WATER RESOURCE AGENCY DAVISS COUNTY		
BRIEF DESCRIPTION			
Upgrades of the Williamsburg Square PS and FM will allow for the redirection of wastewater away from the Combined Sewer System and Ultimately directed to the Horse Fork Pump Station and on to the David W. Hawes WWTP. The new force main will extend to some point near the Parkway Drive Interceptor also freeing up capacity within the Veach Road Sewershed. This project is a LTCP initiative that must follow the construction of the Parkway Drive Interceptor Project. The redirection of the flow away from the CSS and added capacity of these projects will allow for diversion of the Old Hartford Road sewershed and potentially the Fairgrounds Addition subdivision, as well as other areas presently undeveloped or underdeveloped, which presently feed to the CSS			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP	\$269,823.00	Administrative Expenses	\$35,000
		Legal	10,000
		Construction	600,000
		Contingency	60,000
TOTAL	<u>\$269,823</u>	TOTAL	<u>\$705,000</u>
PROFESSIONAL SERVICES	Engineer	Bluegrass Consulting Engineers, LLC	
PROJECT SCHEDULE	Bid Opening	May 1, 2023	
	Construction Start	July 1, 2023	
	Construction Stop	July 1, 2024	
RESIDENTIAL RATES	Current	<u>Users</u> 31,005	<u>Avg. Bill</u> \$ 46.44 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Daviess	\$ 269,823.00	
	Total	\$ 269,823.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Kelly Cunnagin
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS026
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21063003
GRANTEE	SANDY HOOK, CITY OF ELLIOTT COUNTY		
BRIEF DESCRIPTION			
<p>With the current aging internals and controls of this pump station failing and the general undersized lines, this project proposes to correct the issues with this pump station by replacing all of the internals and controls with new, up-to-date systems. It will also correct a section of the influent line and the valve box. Included is also the demolition of the current well and site restoration.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS026	\$276,070	Administrative Expenses	\$4,200
		Eng - Design / Const	11.9% 12.2% 27,840
		Eng - Insp	9.9% 5.3% 12,115
		Eng - Other	5,000
		Construction	228,200
TOTAL	\$276,070	TOTAL	\$277,355
PROFESSIONAL SERVICES	Engineer	E. L. Robinson Engineering Co.	
PROJECT SCHEDULE	Bid Opening	October 30, 2022	
	Construction Start	December 1, 2022	
	Construction Stop	February 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 325	<u>Avg. Bill</u> \$ 24.00 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Elliott	\$ 276,070.00	
	Total	\$ 276,070.00	
Notes:			

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

Reviewer Kelly Cunnagin
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWS034
 WRIS Number SX21077005

GRANTEE CARROLLTON UTILITIES
 GALLATIN COUNTY

BRIEF DESCRIPTION

This project will include the purchase of a spare pump and upgrades to the existing electrical equipment at the Sanders Pump Station. There are currently two pumps at this station, but there are no spares. If one pump were to need maintenance or completely fail, the pump station would have to rely on a single pump. The pumps have been in this station since its construction around 20 years ago. The electrical equipment at this station also has damage from exposure to the elements and some flooding events in the area. The project would replace some of the wiring at the station and the components of the control panel.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Sewer Grant - 21CWS034	\$45,100	Administrative Expenses			\$2,000.00
		Planning			\$1,000.00
		Construction			\$3,000.00
		Equipment			\$35,000.00
		Contingency			\$4,100.00
TOTAL	<u>\$45,100</u>	TOTAL			<u>\$45,100</u>

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES Current Users 3,341 \$ Avg. Bill 27.38 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Gallatin	\$	45,100.00	
		Total	\$	45,100.00

Notes:

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

Reviewer Kelly Cunnagin
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWS035
 WRIS Number SX21077006

GRANTEE CARROLLTON, CITY OF
 GALLATIN COUNTY

BRIEF DESCRIPTION

This project will include the purchase of two new pumps and updated VFDs for the station. There is currently only one working pump in this station. One of the two new pumps will be put in operation immediately, while the other will become a spare. The new VFDs will replace the existing set with newer and more up to date electronics. They will be the same spec as the existing.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Sewer Grant - 21CWS035	\$63,800	Administrative Expenses			\$2,000.00
		Planning			\$1,000.00
		Construction			\$2,000.00
		Equipment			\$52,000.00
		Contingency			\$5,800.00
TOTAL	\$63,800	TOTAL			\$63,800

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE
 Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES
 Current Users 3,341 \$ Avg. Bill 27.38 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Gallatin	\$	63,800.00	
		Total	\$	63,800.00

Notes:

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS042
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21089127
GRANTEE	WURLAND, CITY OF GREENUP COUNTY		
BRIEF DESCRIPTION			
<p>This project will rehab problematic lifstations in the Wurtland sanitary sewer system. The riverport liftstation has been problematic since its installation. Since this lifstation is in an area of economic growth, having it functional and sized appropriately will allow for future growth of the port facilities. This will replace the problematic pump with a submersible pump with greater reliability and capacity. The Virginia Street liftstaion is on unstable soil and erosion is threatening the continued function of this liftstation. The will shore up and stabilize the area around the liftstation as well as rehab the internals to continue its function. To maintain and monitor all lifstations, a SCADA system will also be installed as a part of this project.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS042	\$62,140	Administrative Expenses	\$1,500
		Eng - Design / Const	14.7% 0.0%
		Eng - Insp	14.0% 0.0%
		Construction	60,640
TOTAL	<u>\$62,140</u>	TOTAL	<u>\$62,140</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> Unknown	<u>Avg. Bill</u> Unknown (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Greenup	\$ 62,140.00	
	Total	\$ 62,140.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS043
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21093035
GRANTEE	ELIZABETHTOWN, CITY OF HARDIN COUNTY		
BRIEF DESCRIPTION The City of Elizabethtown is proposing to upgrade approx. 30,100 LF of 12-inch gravity and force mains to 18- and 24-inch size lines along US 62/Leitchfield Road and along S. Ring Road to Valley Creek. The existing 12-inch mains are at or near capacity due to new residential and commercial development in the area. The City's recently completed new Comprehensive Plan identified this area for new growth; therefore, the city wishes to prepare a master plan to determine the short- and long-term impacts of that growth on the sewer system and the wastewater treatment system. This may result in the need to install at least one new lift station near the Western Kentucky Parkway or significant improvements to the wastewater treatment plant. The master plan will determine the best alternative.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS043	\$756,400	Planning	339,200
KIA SRF Fund A Loan	11,630,800	Eng - Design / Const	6.3% 8.2% 848,000
		Eng - Insp	3.0% 0.0%
		Eng - Other	848,000
		Construction	10,352,000
TOTAL	\$12,387,200	TOTAL	\$12,387,200
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	March 1, 2022	
	Construction Stop	March 1, 2023	
RESIDENTIAL RATES	<u>Current</u>	<u>Users</u> 12,358	<u>Avg. Bill</u> \$ 18.80 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Hardin	\$ 756,400.00	
	Total	\$ 756,400.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS044
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21093036
GRANTEE	VINE GROVE, CITY OF HARDIN COUNTY		
BRIEF DESCRIPTION			
The City of Vine Grove is proposing upgrades to its existing wastewater treatment plant that is aging and unable to efficiently treat flow from a growing residential population. The proposed improvements will include Installation of a second Oxidation Ditch for redundancy, ability to maintain and repair equipment, and improved efficiency (modern discs & vfd's). The City will also examine the use of UV light to further improve disinfection processing. The City will also install a generator at the plant to prevent issues in the event of a loss of power.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS044	\$117,900	Administrative Expenses	\$1,000
Other Funds	2,392,250	Eng - Design / Const	7.6% 9.9% 205,500
		Eng - Insp	4.6% 3.3% 68,500
		Construction	1,970,750
		Equipment	158,000
		Contingency	106,400
TOTAL	\$2,510,150	TOTAL	\$2,510,150
PROFESSIONAL SERVICES	Engineer	0	
PROJECT SCHEDULE			
	Bid Opening	October 1, 2022	
	Construction Start	December 1, 2022	
	Construction Stop	November 30, 2023	
RESIDENTIAL RATES			
	Current	<u>Users</u> 2,406	<u>Avg. Bill</u> \$ 22.76 (for 4,000 gallons)
REGIONAL COORDINATION			
This project is consistent with regional planning recommendations.			
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Hardin	\$ 117,900.00	
	Total	\$ 117,900.00	
Notes:			

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

Reviewer Milward Dedman
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWS045
 WRIS Number SX21093037

GRANTEE VINE GROVE, CITY OF
 HARDIN COUNTY

BRIEF DESCRIPTION

Proposed project- will relocate an existing 8" sewer line.

PROJECT FINANCING		PROJECT BUDGET			RD Fee %	Actual %
CWP - Sewer Grant - 21CWS045	\$39,607	Eng - Design / Const	15.2%	7.2%	2,520	
		Eng - Insp	14.7%	6.0%	2,100	
		Construction			33,350	
		Contingency			1,637	
TOTAL	\$39,607	TOTAL			\$39,607	

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES Current Users 2,406 \$ Avg. Bill 22.76 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Hardin	\$	39,607.00	
	Total	\$	39,607.00	

Notes:

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

Reviewer Milward Dedman
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWS046
 WRIS Number SX21093021

GRANTEE WEST POINT, CITY OF
 HARDIN COUNTY

BRIEF DESCRIPTION

The City of West Point is proposing to upgrade it's South-end lift station to accommodate existing sewer service and additional residential growth from a new apartment complex.

PROJECT FINANCING		PROJECT BUDGET			RD Fee %	Actual %
CWP - Sewer Grant - 21CWS046	\$48,000	Administrative Expenses				\$10,000
Other Funding	295,350	Planning				5,000
		Eng - Design / Const	11.5%	10.7%		29,350
		Eng - Insp	9.2%	8.7%		24,000
		Construction				250,000
		Contingency				25,000
TOTAL	\$343,350	TOTAL				\$343,350

PROFESSIONAL SERVICES Engineer Kenvirons, Inc.

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES Current Users 8,993 \$ Avg. Bill 38.50 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Hardin	\$	48,000.00	
		Total	\$	48,000.00

Notes:

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

Reviewer Milward Dedman
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWS047
 WRIS Number SX21093020

GRANTEE HARDIN COUNTY WATER DISTRICT #1
 HARDIN COUNTY

BRIEF DESCRIPTION

The proposed project includes construction of a new sludge dewatering building with installation of a new sludge press and ancillary equipment to replace the current building and belt press.

PROJECT FINANCING		PROJECT BUDGET	RD Fee %	Actual %
CWP - Sewer Grant - 21CWS047	\$205,000	Eng - Design / Const	9.3%	0.0%
Other Funding	545,000	Eng - Insp	6.2%	0.0%
		Construction		750,000
TOTAL	\$750,000	TOTAL		\$750,000

PROFESSIONAL SERVICES Engineer Strand Associates, Incorporated

PROJECT SCHEDULE
 Bid Opening September 29, 2013
 Construction Start October 31, 2013
 Construction Stop January 0, 1900

RESIDENTIAL RATES
 Current Users 8,993 \$ Avg. Bill 38.50 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Hardin	\$ 205,000.00
	Total	\$ 205,000.00

Notes:

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS048
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21097014
GRANTEE	CYNTHIANA, CITY OF HARRISON COUNTY		
BRIEF DESCRIPTION			
<p>Project replaces three pump stations that have gone beyond their original design life and have become operation and maintenance issues for the City of Cynthiana. PS #1 serves Harrison Memorial Hospital. Another pump station will be serving an assisted living facility currently being constructed. The Golf course station serves 30 homes. The station at Chelsea drive serves around 50 homes now but will double to 100 homes when the HMH development site is full.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS048	\$62,000	Administrative Expenses	\$5,000
KIA SRF Fund A Loan (CW)	673,000	Legal Expenses	10,000
		Planning	5,000
		Eng - Design / Const	9.7% 8.9% 54,000
		Eng - Insp	6.8% 8.1% 49,000
		Eng - Other	5,000
		Construction	528,000
		Contingency	79,000
TOTAL	\$735,000	TOTAL	\$735,000
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	2,423	\$ 34.57 (for 4,000 gallons)
	Additional	50	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Harrison	\$ 62,000.00	
	Total	\$ 62,000.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS049
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21097016
GRANTEE	HARRISON COUNTY SANITATION DISTRICT HARRISON COUNTY		
BRIEF DESCRIPTION			
<p>The existing Harrison County Sanitation District sewer system will be extended to pick up approximately 13 new residential customers located north of the City of Cynthiana, adjacent to existing customers. All sewer collected will be transported and treated by the Cynthiana WWTP. The project will consist of approximately 2,100 linear feet of 8" sewer, 12 manholes, and one small pump station. Based on initial funding, the project can be broken down into three construction phases.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS049	\$167,787	Administrative Expenses	\$10,000
Local Funding	548,786	Legal Expenses	5,000
		Planning	5,000
		Eng - Design / Const	9.9% 14.0% 80,613
		Eng - Insp	6.9% 4.3% 25,000
	-	Eng - Other	15,000
	-	Construction	523,600
	-	Contingency	52,360
TOTAL	\$716,573	TOTAL	\$716,573
PROFESSIONAL SERVICES	Engineer	Haworth, Meyer & Boleyn, Inc.	
PROJECT SCHEDULE	Bid Opening	August 1, 2022	
	Construction Start	November 1, 2022	
	Construction Stop	May 2, 2023	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	0	\$ - (for 4,000 gallons)
	Additional	13	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Harrison	\$ 167,787.00	
	Total	\$ 167,787.00	
Notes:			

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

Reviewer Milward Dedman
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWS050
 WRIS Number SX21101043

GRANTEE CORYDON, CITY OF
 HENDERSON COUNTY

BRIEF DESCRIPTION

Corydon's Sewer pump stations need to be rebuilt and upgraded to maintain system integrity.

PROJECT FINANCING		PROJECT BUDGET	RD Fee %	Actual %
CWP - Sewer Grant - 21CWS050	\$100,000	Eng - Design / Const	11.7%	0.0%
Local ARPA Grant Funds	150,000	Eng - Insp	9.6%	0.0%
		Construction		250,000
TOTAL	\$250,000	TOTAL		\$250,000

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES Current Users 277 \$ Avg. Bill 48.44 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Henderson	\$ 100,000.00
	Total	\$ 100,000.00

Notes:

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS051
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21101047
GRANTEE	HENDERSON WATER UTILITY HENDERSON COUNTY		
BRIEF DESCRIPTION			
Sewer Pump Station, force main and Gravity Sewer to serve new Industrial Park on KY 425, east of Old Corydon Road. THIS PROJECT IS DIRECTLY ASSOCIATED WITH PROJECT WX21101134. THE NEW INDUSTRY REQUIRES BOTH WATER, SEWER AND NATURAL GAS TO BE EXTENDED TO THE PROPERTY.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS051	\$610,384	Administrative Expenses	\$5,000
SB 36 Funds	969,616	Eng - Design / Const	8.2% 4.0% 60,000
		Eng - Insp	5.1% 0.0%
		Construction	1,515,000
TOTAL	\$1,580,000	TOTAL	\$1,580,000
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	10,197	\$ 29.41 (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	Henderson	\$ 610,384.00	
	Total	\$ 610,384.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS052
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21103014
GRANTEE	CAMPBELLSBURG, CITY OF HENRY COUNTY		
BRIEF DESCRIPTION			
This project will provide sanitary sewers to the commercial district on the northwest side of the 1-71 Exit 34 interchange in the City of Campbellsburg. The project consists of approximately 1200 linear feet (LF) of 3" HDPE forcemain and 5 individual grinder pumps, 900 LF of 8" gravity sewer main, Exit 34 pump station and nearly 4,000 LF of 4" HDPE forcemain, all connecting to the existing CU sanitary sewer system on Citation Lane.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS052	\$539,014	Administrative Expenses	\$7,000
		Eng - Design / Const	10.5% 10.5% 47,300
		Eng - Insp	7.7% 7.6% 34,236
		Construction	409,525
		Contingency	40,953
TOTAL	\$539,014	TOTAL	\$539,014
PROFESSIONAL SERVICES	Engineer	ERH, Inc.	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u>	<u>Avg. Bill</u>
	Additional	3,341	\$ 27.38 (for 4,000 gallons)
		6	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Henry	\$ 539,014.00	
	Total	\$ 539,014.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS053
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21107025
GRANTEE	DAWSON SPRINGS CITY WATER AND SEWER HOPKINS COUNTY		
BRIEF DESCRIPTION **Updated scope since SSES has been completed: The project will rehab approximately 8,000 LF of 8" and 6" sewer line by CIPP lining and will replace approximately 42 LF of 8" sewer line by dig and replace. The line rehab will be scattered throughout the City along the following streets: East Walnut St, East Hall St, Oak Hts, Elaine Dr, School St, Water St, Cook St, East Munn St, Mineral St, Poplar St, Hickory St, Depot St, Park Ave, and South Main St. In addition, approximately 90 manhole repairs will be made including raising castings, replacing covers, and other rehabilitation along with approximately 45 point repairs on sewer lines throughout the system. The project will also install 5 new manholes and make 140 service line connections or service line repairs. The WWTP portion of the project includes clarifier improvements, bar screen and scrapper mechanism replacement, grit removal equipment, and			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Sewer Grant - 21CWS053	\$200,000	Administrative Expenses	\$50,000
KIA SRF Fund A Loan (CW)	1,000,000	Legal Expenses	5,000
CDBG	1,000,000	Planning	280,000
DELTA	408,000	Eng - Design / Const	7.6% 7.1% 144,000
		Eng - Insp	4.6% 4.5% 92,600
		Construction	1,924,632
		Contingency	111,768
TOTAL	\$2,608,000	TOTAL	\$2,608,000
PROFESSIONAL SERVICES	Engineer	GRW Engineers, Inc.	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 650	<u>Avg. Bill</u> \$ 35.74 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Hopkins	\$ 200,000.00	
	Total	\$ 200,000.00	
Notes:			

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT	Reviewer	Milward Dedman
	CPBOC Date	April 19, 2022
	KIA Grant Number	21CWS054
	WRIS Number	SX21111024

GRANTEE	LOUISVILLE AND JEFFERSON COUNTY MSD JEFFERSON COUNTY
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BRIEF DESCRIPTION

This project will construct a new flood pumping station (FPS) 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. 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. The existing flood pumping station (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%. A FEMA BRIC application has also been submitted. No federal funding will overlap if one or both of these funding sources becomes available in addition to SRF funding. 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.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Sewer Grant - 21CWS054	\$12,039,997				
Other Funding	111,692,763				
TOTAL	\$123,732,760	Construction			123,732,760
		TOTAL			\$123,732,760

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> 131,396	\$	<u>Avg. Bill</u> 51.45 (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	Jefferson	\$	7,039,997.00	
Consent Decree Pool		\$	5,000,000.00	
		Total	\$	12,039,997.00

Notes:

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT	Reviewer	Milward Dedman
	CPBOC Date	April 19, 2022
	KIA Grant Number	21CWS055
	WRIS Number	SX21113029

GRANTEE	NICHOLASVILLE, CITY OF JESSAMINE COUNTY
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BRIEF DESCRIPTION
System plans to apply for 2022 SRF Fund A Planning and Design Loan. In accordance with Agreed Order Case No. DOW 19-3-0038, the City of Nicholasville is required to take steps to address inflow and infiltration (I&I) and overflows within the sanitary sewer collection system. In order to begin this task, the first step is to document the condition of the existing infrastructure, evaluate the data accumulated and begin to identify and prioritize system improvements projects to address I&I and capacity deficiencies. This project will begin the process by completing a Sanitary Sewer Evaluation Survey (SSES) focused on the oldest areas of the City's collection system, which are the basins containing vitrified clay pipe (VCP). This project will CCTV all pipe, as well as evaluate all manholes in the selected basins, plus provide smoke testing, dye testing and lateral investigations as needed within the identified

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Sewer Grant - 21CWS055	\$858,000	Administrative Expenses			\$20,000
KIA SRF Fund A Loan (CW)	2,142,000	Legal Expenses			5,000
		Planning			670,000
		Eng - Design / Const	7.6%	7.4%	153,000
		Eng - Insp	4.6%	4.5%	92,000
		Construction			2,000,000
		Contingency			60,000
TOTAL	\$3,000,000	TOTAL			\$3,000,000

PROFESSIONAL SERVICES	Engineer	Haworth, Meyer & Boleyn, Inc.
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PROJECT SCHEDULE	Bid Opening	November 1, 2022
	Construction Start	January 1, 2023
	Construction Stop	December 15, 2023

RESIDENTIAL RATES	<u>Users</u>	<u>Avg. Bill</u>
Current	11,570	\$ 25.75 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Jessamine	\$ 858,000.00
	Total	\$ 858,000.00

Notes:

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

Reviewer Milward Dedman
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWS056
 WRIS Number SX21113026

GRANTEE WILMORE, CITY OF
 JESSAMINE COUNTY

BRIEF DESCRIPTION

This project involves the inspection, and repair or rehabilitation of targeted wastewater collection lines in order to reduce the inflow and infiltration of storm water and ground water (I/I). This project will help the City of Wilmore to remain in compliance with the KY Division of Water's requirements to reduce I/I in wastewater collection systems.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Sewer Grant - 21CWS056	\$300,430	Administrative Expenses			\$10,000
KIA SRF Fund A Loan (CW)	347,103	Legal Expenses			5,000
		Eng - Design / Const	10.1%	9.4%	50,415
		Eng - Insp	7.2%	6.8%	36,418
		Eng - Other			5,000
		Construction			487,000
		Contingency			48,700
		Other			5,000
TOTAL	\$647,533	TOTAL			\$647,533

PROFESSIONAL SERVICES Engineer CDM Smith Inc.

PROJECT SCHEDULE
 Bid Opening February 1, 2023
 Construction Start April 1, 2023
 Construction Stop December 1, 2023

RESIDENTIAL RATES
 Current Users 1,765 Avg. Bill \$ 30.11 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Jessamine	\$ 300,430.00
	Total	\$ 300,430.00

Notes:

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

Reviewer Milward Dedman
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWS057
 WRIS Number SX21117011

GRANTEE SANITATION DISTRICT #1 OF NORTHERN KENTUCKY
 KENTON COUNTY

BRIEF DESCRIPTION

Extending service; project adding approximately 3,700 8" LF, 1,200 LF of low pressure FM, and 14 Grinder Pumps and piping.

PROJECT FINANCING		PROJECT BUDGET	RD Fee %	Actual %
CWP - Sewer Grant - 21CWS057	\$2,133,176	Land, Easements		78,000
Other Funding	566,824	Planning		43,000
		Eng - Design / Const	7.5%	8.4%
		Eng - Insp	4.4%	0.0%
		Construction		2,022,150
		Contingency		356,850
TOTAL	\$2,700,000	TOTAL		\$2,700,000

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE
 Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES	Users	Avg. Bill
Current	107,393	\$ 42.75 (for 4,000 gallons)
Additional	44	

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Kenton	\$ 2,133,176.00
	Total	\$ 2,133,176.00

Notes:

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS061
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21133015
GRANTEE	FLEMING-NEON, CITY OF LETCHER COUNTY		
BRIEF DESCRIPTION			
The project will create a working map of the sewer system suitable for a flow study and for use during construction. Flow monitoring at 3 to 5 key locations in the sewer system to determine where Inflow and Infiltration (I/I) is excessive will be conducted. This project will televise and smoke test the sewers which are found to have excessive I/I and repair sewer sections and manholes. The city will be assessing presently mapped areas which will focus on vitrified clay pipe that is known to be leaking.			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Sewer Grant - 21CWS061	\$15,891	RD Fee %	Actual %
Fund A21-026 CPBOC approved 04/1/2021	1,542,229	Administrative Expenses	\$40,000
		Legal Expenses	5,000
		Planning	5,000
		Eng - Design / Const	8.5% 7.8% 103,320
		Eng - Insp	5.3% 4.9% 64,800
		Eng - Other	20,000
		Construction	1,200,000
		Contingency	120,000
TOTAL	\$1,558,120	TOTAL	\$1,558,120
PROFESSIONAL SERVICES	Engineer	Nesbitt Engineering, Inc.	
PROJECT SCHEDULE	Bid Opening	October 1, 2021	
	Construction Start	November 1, 2021	
	Construction Stop	November 1, 2022	
RESIDENTIAL RATES	Current	<u>Users</u> 1,117	<u>Avg. Bill</u> \$ 28.87 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Letcher	\$ 15,831.00	
	Total	\$ 15,831.00	
Notes:			
Fund A21-026 CPBOC approved 04/1/2021		1,542,229	
	Total	1,558,060	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS062
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21133024
GRANTEE	JENKINS, CITY OF LETCHER COUNTY		
BRIEF DESCRIPTION			
This project will address the planning needs for future projects as well as construction of the immediate needs of the collection system. The study of the system will include: A. Development of a working map that includes flow line elevations of the sewer lines. B. Manhole inspections. C. Flow studies at key points to determine where the most concentrated I/I is located. D. A report that quantifies the I/I problem and outlines future projects to address the I/I results.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS062	\$79,155	Administrative Expenses	\$19,750
Other	315,845	Legal Expenses	5,000
		Planning	5,000
		Eng - Design / Const	11.7% 11.7% 29,500
		Eng - Insp	9.6% 9.5% 24,000
		Eng - Other	60,000
		Construction	228,750
		Contingency	23,000
TOTAL	<u>\$395,000</u>	TOTAL	<u>\$395,000</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	March 1, 2022	
	Construction Start	June 1, 2022	
	Construction Stop	June 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 699	<u>Avg. Bill</u> \$ 33.44 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Letcher	\$ 79,155.00	
	Total	\$ 79,155.00	
Notes:			
Other		\$ 315,845.00	
	Total	\$ 395,000.00	

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT		Reviewer CPBOC Date KIA Grant Number WRIS Number	Alex Fisher April 19, 2022 21CWS065 SX21137018
GRANTEE	CRAB ORCHARD, CITY OF LINCOLN COUNTY		
BRIEF DESCRIPTION This project will install and improve roadside drainage in the City of Crab Orchard to alleviate ponding and flooding in Walnut Street, Elm Street and Maple Avenue areas. Will include but not be limited to: 5,000LF of V-notch ditching, 700LF of 18" CMP, various somethingwalls, seed and straw and DGA.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS065	\$300,000	Administrative Expenses	\$20,000
Other	65,500	Legal Expenses	5,000
		Eng - Design / Const	11.4% 10.5% 30,000
		Eng - Insp	9.0% 8.8% 25,000
		Construction	260,500
		Contingency	25,000
TOTAL	\$365,500	TOTAL	\$365,500
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	November 1, 2022	
	Construction Start	December 1, 2022	
	Construction Stop	March 30, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 310	<u>Avg. Bill</u> \$ 36.00 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Lincoln	\$ 300,000.00	
	Total	\$ 300,000.00	
Notes:			
Other		\$ 65,500.00	
	Total	\$ 365,500.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS066
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21139014
GRANTEE	SMITHLAND, CITY OF LIVINGSTON COUNTY		
BRIEF DESCRIPTION			
A portion of the Smithland WWTP Lagoon has experienced water seepage at the toe of the dam for an extended period of time. It is being proposed to utilize neat cement grouting to fill voids and seeps through the dam in order to reduce water seepage. The grouting work will take place from the crest of the dam road. A grout accelerator will be used as necessary in order to improve the success of the grouting project. It is estimated that two to three rows of grout holes on a 3 ft spacing may be required to slow down seepage. Additional rows may be necessary depending on the soil/seep response to the grouting			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS066	\$187,330	Administrative Expenses	\$10,000
Other	1,015,670	Planning	5,000
		Eng - Design / Const	8.6% 1.1% 13,000
		Eng - Insp	5.4% 0.4% 5,000
		Construction	1,150,000
		Contingency	20,000
TOTAL	<u>\$1,203,000</u>	TOTAL	<u>\$1,203,000</u>
PROFESSIONAL SERVICES	Engineer	Rivercrest Engineering Incorporated	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 180	<u>Avg. Bill</u> \$ 45.02 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Livingston	\$ 187,330.00	
	Total	\$ 187,330.00	
Notes:			
Other		\$ 1,015,670.00	
	Total	\$ 1,203,000.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS067
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21143011
GRANTEE	EDDYVILLE, CITY OF LYON COUNTY		
BRIEF DESCRIPTION			
<p>** Updated Scope: Phase 2 (Construction) of this project will be the rehabilitation and replacement of the lines and manholes per the recommendation from Phase 1. Rehabilitation methods include the construction of approximately 35 LF of 8" PVC sewer line, replacement of 185 LF of clay tile sewer with a 8" PVC, rehabilitation of 6,100 LF of 8" and 260 LF of 6" sewer line by CIPP. The project will also make 110 CIPP sewer lateral top hat connections and rehab 195 manholes. The purpose of this phase is to reduce inflow and infiltration points into Eddyville's collection system. In addition to the rehabilitation of the sewer system south of Fairview Ave, the proposed project would replace the existing lift station at the Industrial Park on US 62 East.. The proposed project will replace the dry pit design with a more appropriate and safer submersible pump station that will reduce repeated overflows. The new pump station will be a duplex with pumps at 200 gpm with 158 LF TDH and 53 LF of 6" DIP force main, designed to account for existing growth and to accommodate the potential growth from the Industrial Park.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS067	\$100,507	Administrative Expenses	\$10,000
Fund A21-003 approved 12/3/2020	2,644,557	Legal Expenses	10,000
Other	560,055	Land, Easements	10,000
		Construction	3,275,119
TOTAL	\$3,305,119	TOTAL	\$3,305,119
PROFESSIONAL SERVICES	Engineer	Rivercrest Engineering Incorporated	
PROJECT SCHEDULE	Bid Opening	December 1, 2020	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 928	<u>Avg. Bill</u> \$ 39.26 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Lyon	\$ 100,507.00	
	Total	\$ 100,507.00	
Notes:			
Fund A21-003 approved 12/3/2020		\$ 2,644,557.00	
Other		\$ 560,055.00	
	Total	\$ 3,305,119.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS068
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21143018
GRANTEE	KUTTAWA, CITY OF LYON COUNTY		
BRIEF DESCRIPTION			
By data collected during the 4 previous sanitary sewer evaluation studies, completed between 2016-2019, this Phase V project will continue efforts to eliminate inflow and infiltration issues. Additionally the project will include the evaluation of sewers in the Magnolia and Body Shop lift station areas of the City's system. These areas are directly tied to the Old Kuttawa basin, in that much of the gravity sewers have conveyed the sewer flows from Old Kuttawa for decades, and have contributed to the deterioration and less than ideal condition of the sewers. This includes replacement of approximately 1,300 LF of 6" and 8" sewer lines, as well as the rehabilitation/replacement of approximately 80 lateral sewer service lines in the Old Kuttawa sewer system through open cut and no-dig methods. It is also anticipated that this construction work will include additional CIPP sewer lining and manhole rehabilitation in the Magnolia and Body Shop areas to eliminate inflow/infiltration into the City's system..			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS068	\$100,507	Administrative Expenses	\$10,000
Other	1,163,893	Legal Expenses	10,000
		Planning	168,400
		Eng - Design / Const	8.9% 9.8% 91,800
		Eng - Insp	5.7% 5.4% 50,000
		Construction	849,300
		Contingency	84,900
TOTAL	\$1,264,400	TOTAL	\$1,264,400
PROFESSIONAL SERVICES	Engineer	Rivercrest Engineering Incorporated	
PROJECT SCHEDULE	Bid Opening	June 1, 2022	
	Construction Start	July 15, 2022	
	Construction Stop	December 31, 2022	
RESIDENTIAL RATES	Current	<u>Users</u> 452	<u>Avg. Bill</u> \$ 38.00 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Lyon	\$ 100,507.00	
	Total	\$ 100,507.00	
Notes:			
Other		\$ 1,163,893.00	
	Total	\$ 1,264,400.00	

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT		Reviewer CPBOC Date KIA Grant Number WRIS Number	Alex Fisher April 19, 2022 21CWS069 SX21145040
GRANTEE	PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY MCCRACKEN COUNTY		
BRIEF DESCRIPTION			
Project will provide funding for an epoxy coating of approximately 500 vertical feet, and other Infiltration and Inflow (I/I) repairs on manholes located in the JSA system.			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Sewer Grant - 21CWS069	\$119,272	RD Fee %	Actual %
Other	62,728	Administrative Expenses	\$1,000
		Legal Expenses	1,000
		Eng - Design / Const	13.0% 12.9% 20,000
		Eng - Insp	11.6% 3.2% 5,000
		Construction	135,000
		Contingency	20,000
TOTAL	\$182,000	TOTAL	\$182,000
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> \$ 23.76 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	McCracken	\$ 119,272.00	
	Total	\$ 119,272.00	
Notes:			
Other		\$ 62,728.00	
	Total	\$ 182,000.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS072
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21151059
GRANTEE	BEREA, CITY OF MADISON COUNTY		
BRIEF DESCRIPTION			
Investigations and rehabilitation of existing gravity sanitary sewers in the Brushy Fork sewershed in Berea, KY. Rehabilitation techniques are expected to include pipe lining, manhole replacement, manhole rehabilitation, point repairs, and sewer pipe replacement.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS072	\$588,571	Administrative Expenses	\$5,000
Other	161,429	Eng - Design / Const	9.6% 12.1% 80,000
		Eng - Other	5,000
		Construction	600,000
		Contingency	60,000
TOTAL	\$750,000	TOTAL	\$750,000
PROFESSIONAL SERVICES	Engineer	Banks Engineering Inc.	
PROJECT SCHEDULE	Bid Opening	November 1, 2022	
	Construction Start	January 1, 2023	
	Construction Stop	September 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 6,054	<u>Avg. Bill</u> \$ 26.28 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Madison	\$ 588,571.00	
	Total	\$ 588,571.00	
Notes:			
Other		\$ 161,429.00	
	Total	\$ 750,000.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS073
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21151053
GRANTEE	RICHMOND, CITY OF MADISON COUNTY		
BRIEF DESCRIPTION			
This project includes a capacity analysis and computer modeling report to determine the necessary improvements required to alleviate the overflows. It is anticipated that approximately 2,900 linear feet (lf) of 8-inch and 2,715 lf of 10-inch gravity sewer along with 37 manholes will need to be replaced with approximately 2,900 lf of 12-inch and 2,715 lf of 15-inch and 37 manholes.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS073	\$1,327,903	Administrative Expenses	\$20,000
Other	1,114,597	Legal Expenses	100,000
		Land, Easements	20,000
		Planning	68,500
		Eng - Design / Const	7.9% 6.7% 117,000
		Eng - Insp	4.8% 4.6% 80,000
		Eng - Other	33,000
		Construction	1,594,000
		Contingency	160,000
		Other	250,000
TOTAL	\$2,442,500	TOTAL	\$2,442,500
PROFESSIONAL SERVICES	Engineer	Bell Engineering	
PROJECT SCHEDULE	Bid Opening	June 1, 2022	
	Construction Start	July 1, 2022	
	Construction Stop	August 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 110,279	<u>Avg. Bill</u> \$ 47.05 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Madison	\$ 1,327,903.00	
	Total	\$ 1,327,903.00	
Notes:			
Other		\$ 1,114,597.00	
	Total	\$ 2,442,500.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS075
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21153006
GRANTEE	SALYERSVILLE WATER WORKS MAGOFFIN COUNTY		
BRIEF DESCRIPTION			
Project to extend collector sewer along Route 30 from Route 460 to the Mountain Parkway. The project is expected to add 30 households to the current system. Work includes 4200 LF of 2 inch collector sewer and 4,000 LF of 3 inch collector sewer.			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Sewer Grant - 21CWS075	\$55,000	RD Fee %	Actual %
CDBG	511,975		
		Administrative Expenses	\$14,000
		Legal Expenses	2,500
		Land, Easements	10,000
		Eng - Design / Const	10.4% 8.9% 41,800
		Eng - Insp	7.6% 6.5% 30,300
		Construction	426,250
		Contingency	42,125
TOTAL	\$566,975	TOTAL	\$566,975
PROFESSIONAL SERVICES	Engineer	TBA	
PROJECT SCHEDULE	Bid Opening	TBA	
	Construction Start	TBA	
	Construction Stop	TBA	
RESIDENTIAL RATES	Current	Users	Avg. Bill
	Additional	1,452	\$ 34.38 (for 4,000 gallons)
		30	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Magoffin	\$ 55,000.00	
	Total	\$ 55,000.00	
Notes:			
CDBG		\$ 511,975.00	
	Total	\$ 566,975.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS076
CLEANER WATER PROGRAM GRANT		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 - 21CWS076	\$571,089	Administrative Expenses	\$20,000
Other	484,011	Legal Expenses	5,000
		Eng - Design / Const	9.0% 6.7% 60,000
		Eng - Insp	5.8% 6.2% 55,000
		Eng - Other	25,000
		Construction	774,000
		Contingency	116,100
TOTAL	\$1,055,100	TOTAL	\$1,055,100
PROFESSIONAL SERVICES	Engineer	Rivercrest Engineering Incorporated	
PROJECT SCHEDULE	Bid Opening	May 1, 2022	
	Construction Start	July 1, 2022	
	Construction Stop	May 31, 2023	
RESIDENTIAL RATES	Current	Users 2,994	Avg. Bill \$ 18.50 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Marshall	\$ 571,090.00	
	Total	\$ 571,090.00	
Notes:			
Other		\$ 484,011.00	
	Total	\$ 1,055,101.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS077
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21157034
GRANTEE	HARDIN, CITY OF MARSHALL COUNTY		
BRIEF DESCRIPTION			
This will be the third phase of the City of Hardin wastewater rehabilitation project. Phases one and two were completed in 2007 and 2012, respectively. These projects were budget-driven and addressed some mainline sewer issues and significant manhole rehabilitation. Unfortunately, funding has historically not been sufficient to perform comprehensive rehabilitation of the City's sewer main and lateral network. Phase III will continue with these efforts, while focusing on wet-weather surveys, addressing previously identified smoke testing defects, performance of mainline CCTV work, and performance of lateral CCTV work. The results of these SSES efforts will be evaluated for the preparation and implementation of a Phase III rehabilitation construction project to remove excess levels of infiltration and inflow, which are overloading the City's WWTP.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS077	\$571,089	Administrative Expenses	\$10,000
Other	479,911	Legal Expenses	5,000
		Planning	5,000
		Eng - Design / Const	9.1% 10.4% 90,000
		Eng - Insp	5.9% 5.2% 45,000
		Eng - Other	33,500
		Construction	750,000
		Contingency	112,500
TOTAL	\$1,051,000	TOTAL	\$1,051,000
PROFESSIONAL SERVICES	Engineer	Colburn Development Company LLC	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 233	<u>Avg. Bill</u> \$ 15.36 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Marshall	\$ 571,089.00	
	Total	\$ 571,089.00	
Notes:			
Other		\$ 479,911.00	
	Total	\$ 1,051,000.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS078
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21161028
GRANTEE	MAYSVILLE, CITY OF MASON COUNTY		
BRIEF DESCRIPTION			
Construct a new sewer line to divert flow from the train depot CSO and CSO #5 (Short Street/Cotton Mill) to Wall Street Lift Station. Clean a problematic sewer line in the Wall Street Area and rebuild its associated failing diversion structure. Additionally, multiple CSO overflow dams will be raised inside their respective diversion structures. All of this work is to allow Maysville to continue to progress towards completing their CSO Long Term Control Plan (LTCP)"			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS078	\$168,000	Administrative Expenses	\$5,000
Other	850,859	Legal Expenses	5,000
		Planning	15,000
		Eng - Design / Const	9.1% 8.4% 73,161
		Eng - Insp	5.9% 5.5% 47,848
		Construction	793,515
		Contingency	79,335
TOTAL	\$1,018,859	TOTAL	\$1,018,859
PROFESSIONAL SERVICES	Engineer	Haworth, Meyer & Boleyn, Inc.	
PROJECT SCHEDULE	Bid Opening	May 17, 2022	
	Construction Start	July 15, 2022	
	Construction Stop	September 15, 2023	
RESIDENTIAL RATES	Current	Users	Avg. Bill
		3,686	\$ 32.76 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Mason	\$ 168,000.00	
	Total	\$ 168,000.00	
Notes:			
Other		\$ 850,859.00	
	Total	\$ 1,018,859.00	

EXECUTIVE SUMMARY		Reviewer	Don Schierer
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWS071
CLEANER WATER PROGRAM GRANT		WRIS Number	SX21147001
GRANTEE	MCCREARY COUNTY WATER DISTRICT MCCREARY COUNTY		
BRIEF DESCRIPTION			
This project will replace two existing sanitary sewer pump stations with 200-gallon per minute duplex submersible pump stations housed in a new pre-cast wetwell at each site. The design will include pumps, controls, valve vault, etc. Existing force mains, other than short sections required to connect back in, will remain. The existing pump stations will be taken out of service with this construction.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS071	\$520,500	Administrative Expenses	\$10,000
		Legal Expenses	2,000
		Eng - Design / Const	10.6% 9.7% 42,000
		Eng - Insp	7.8% 7.2% 31,500
		Construction	395,000
		Contingency	40,000
TOTAL	\$520,500	TOTAL	\$520,500
PROFESSIONAL SERVICES	Engineer	Eclipse Engineers, PLLC	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 1,026	<u>Avg. Bill</u> \$ 41.07 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	McCreary	\$ 252,076.00	
	Total	\$ 252,076.00	
Notes:			

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

Reviewer Don Schierer
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWS080
 WRIS Number SX21165022

GRANTEE MENIFEE COUNTY FISCAL COURT
 MENIFEE COUNTY

BRIEF DESCRIPTION

The project will rehabilitate existing sewer infrastructure to prevent inflow and infiltration of stormwater into the sanitary sewer system. The project will include rehabilitation of mainline sewer, service lateral connections, and manhole structures. This project will reduce power consumption at sewage pump stations during rain events by eliminating various points of inflow.

PROJECT FINANCING		PROJECT BUDGET			RD Fee %	Actual %
CWP - Sewer Grant - 21CWS080	\$148,200	Administrative Expenses				\$10,000
		Eng - Design / Const	#DIV/0!	16.9%		18,000
		Eng - Insp	#DIV/0!	13.2%		14,000
		Construction				96,200
		Contingency				10,000
TOTAL	\$148,200	TOTAL				\$148,200

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE
 Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

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	Menifee	\$ 28,726.00		
	Total	\$ 28,726.00		

Notes:

EXECUTIVE SUMMARY		Reviewer	John Brady
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW011
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21015025
GRANTEE	BOONE COUNTY FISCAL COURT BOONE COUNTY		
BRIEF DESCRIPTION			
This project includes installation of water main extensions of approximately 11 linear miles to multiple local neighborhoods. It will provide safe drinking water to approximately 400 unserved rural residents in western and southern Boone County.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW011	\$1,226,476	Construction	\$11,000,000
Other	9,773,524		
TOTAL	<u>\$11,000,000</u>	TOTAL	<u>\$11,000,000</u>
PROFESSIONAL SERVICES	Engineer	Viox & Viox, Inc.	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	26,504	\$ 23.86 (for 4,000 gallons)
	Additional	400	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Boone	\$ 1,226,476.00	
	Total	\$ 1,226,476.00	
Notes:			
Local funding expected for portion of project, amount TBD			

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

Reviewer John Brady
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW021
 WRIS Number WX21033026

GRANTEE CALDWELL COUNTY WATER DISTRICT
 CALDWELL COUNTY

BRIEF DESCRIPTION

This project will replace aging hydrants that are no longer functioning properly and will install a control valve at the Hopkinsville Road Tank and new fencing around the maintenance yard. If funding permits, the district will use leftover funds to begin installing leak detection meters throughout the system.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW021	\$220,000	Administrative Expenses			\$5,000
		Planning			2,500
		Eng - Design / Const	12.1%	1.2%	2,500
		Construction			208,000
		Contingency			2,000
TOTAL	\$220,000	TOTAL			\$220,000

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES Current Users 2,052 Avg. Bill \$ 64.29 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Caldwell	\$	220,000.00	
		Total	\$	220,000.00

Notes:

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

Reviewer John Brady
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW022
 WRIS Number WX21033027

GRANTEE FREDONIA, CITY OF
 CALDWELL COUNTY

BRIEF DESCRIPTION

This project will install numerous valves along the water line from the interconnection with Eddyville northward to Fredonia to isolate leaks. This is part of a larger project, but the system does not currently have the funds to replace the lines. This would allow a temporary fix to control the system when there are leaks on the main supply.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW022	\$28,147	Construction			28,147
TOTAL	\$28,147	TOTAL			\$28,147

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE
 Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES
 Current Users 336 \$ Avg. Bill 43.54 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Caldwell	\$ 28,147.00		
	Total	\$ 28,147.00		

Notes:

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

Reviewer John Brady
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW023
 WRIS Number WX21035048

GRANTEE MURRAY, CITY OF
 CALLOWAY COUNTY

BRIEF DESCRIPTION

This project includes the installation of a new 8" water main out of the road and into the Right-of-Way on the west side of 4th Street from Maple St. to Chestnut Street. (Approx. 1,500.Ft.) This will reduce maintenance costs of fixing main breaks in this segment of pipe every year. Annual repairs to this segment of water main are very expensive and cause disruption in traffic.

PROJECT FINANCING		PROJECT BUDGET		
		RD Fee %	Actual %	
CWP - Water Grant - 21CWW023	\$932,352			932,352
Other	85,000			45,000
		8.9%	4.1%	40,000
TOTAL	\$1,017,352			\$1,017,352

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES Current Users 8,752 Avg. Bill \$ 46.58 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Calloway	\$ 932,352.00		
	Total	\$ 932,352.00		

Notes:

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

Reviewer John Brady
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW223
 WRIS Number WX21035035

GRANTEE DEXTER-ALMO HEIGHTS WATER DISTRICT
 CALLOWAY COUNTY

BRIEF DESCRIPTION

This project would consist of extending a 6" PVC water main along Hwy 464 from Hopkins Road approximately 4200 LF to serve a potential of 5 new customers.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW223	\$300,000	Construction			300,000
TOTAL	\$300,000	TOTAL			\$300,000

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE
 Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES		Users	Avg. Bill
Current		791	\$ 23.04 (for 4,000 gallons)
Additional		9	

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Calloway	\$ 300,000.00		
	Total	\$ 300,000.00		

Notes:

EXECUTIVE SUMMARY		Reviewer	John Brady
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW025
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21037311
GRANTEE	NORTHERN KENTUCKY WATER DISTRICT CAMPBELL COUNTY		
BRIEF DESCRIPTION			
<p>This project profile summarizes a critical underserved \$6,500,000 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, Carothers Road, 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. 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 2024. The requested Cleaner Water Program Grant Funds are \$1,000,000 from the County Direction Allocation (Pot 1) and \$3,000,000 from the Augmented fund (Pot 3). Using conventional loans or other funding sources, the District will fund the remaining \$2,500,000. If Grant funds are received that are less than the requested amount, the District commits to providing additional funds to complete the project.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW025	\$1,000,000	Administrative Expenses	\$5,000
Local	1,500,000	Construction	5,600,000
Other	4,000,000	Contingency	560,000
		Eng - Design / Const	6.6% 5.4% 335,000
TOTAL	\$6,500,000	TOTAL	\$6,500,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	December 1, 2022	
	Construction Start	March 1, 2023	
	Construction Stop	March 1, 2024	
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	\$ 1,000,000.00	
	Total	\$ 1,000,000.00	
Notes:			
Local funds anticipated from Campbell County Fiscal Court; plan to apply for srf loan to finance remainder			

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

Reviewer John Brady
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW026
 WRIS Number WX21039033

GRANTEE MILBURN WATER DISTRICT
 CARLISLE COUNTY

BRIEF DESCRIPTION

The Milburn Water District will replace 9 miles of current AC lines with more modern a durable alternative. The rehabilitation will span the bulk of the Milburn system. This project will develop into a multiphase project as more research is conducted to determine which areas are in the greatest need of replacement.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW026	\$174,816	Construction			\$1,500,000
Other	1,325,184				
TOTAL	\$1,500,000	TOTAL			\$1,500,000

PROFESSIONAL SERVICES Engineer Bacon Farmer Workman Engineering & Testing, Inc.

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES Current Users 131 Avg. Bill \$ 41.20 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Carlisle	\$ 174,816.00		
	Total	\$ 174,816.00		

Notes:

EXECUTIVE SUMMARY		Reviewer	John Brady
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW027
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21041010
GRANTEE	CARROLL COUNTY FISCAL COURT CARROLL COUNTY		
BRIEF DESCRIPTION			
<p>This project will replace 1600 feet of 3" HDPE distribution water line. The existing segment of 3" HDPE was installed in 2004 with poor fusion procedures. The pipe has been repaired numerous times with mechanical clamps and leaks are regularly found on this section of line. Replacing this line will remove the source of the leaks. The project will include 3 road bores, which will use horizontal directional drilling construction method, 2 being under KY-36 and the other under Notch Lick Rd (County Road). There will be 4 gate valves installed to allow isolation of the line if any leaks are found in the future.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW027	\$100,000	Administrative Expenses	\$10,000
		Planning	5,000
		Eng - Design / Const	14.6% 11.7% 8,130
		Eng - Insp	13.8% 10.9% 7,549
		Construction	61,946
		Contingency	7,375
TOTAL	\$100,000	TOTAL	\$100,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	November 3, 2022	
	Construction Start	January 1, 2023	
	Construction Stop	May 31, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 1,573	<u>Avg. Bill</u> \$ 28.29 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Carroll	\$ 100,000.00	
	Total	\$ 100,000.00	
Notes:			

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

Reviewer John Brady
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW028
 WRIS Number WX21041011

GRANTEE CARROLL COUNTY FISCAL COURT
 CARROLL COUNTY

BRIEF DESCRIPTION

This project will replace water services that are made of a type of pipe found to be prone to leaking. The majority of the service leaks found in the system are made of a 1 1/4" PE, installed in the 70's. There are 96 known services that use this type of pipe, but we anticipate that there are more in the system we do not know the material of. 37 of the 96 replacements will require a road crossing which will be completed using horizontal directional drilling.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW028	\$100,000	Administrative Expenses			\$5,000
Other	371,921	Construction			419,928
		Contingency			41,993
		Planning			5,000
TOTAL	\$471,921	TOTAL			\$471,921

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES Current Users 1,573 Avg. Bill \$ 28.29 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Carroll	\$	100,000.00	
	Total	\$	100,000.00	

Notes:

EXECUTIVE SUMMARY		Reviewer	John Brady
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW029
CLEANER WATER PROGRAM GRANT		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.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW029	\$325,120	Administrative Expenses	\$7,000
		Planning	22,250
		Construction	295,870
TOTAL	\$325,120	TOTAL	\$325,120
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	April 15, 2022	
	Construction Start	May 15, 2022	
	Construction Stop	November 30, 2022	
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	\$ 325,120.00	
	Total	\$ 325,120.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	John Brady
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW030
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21043049
GRANTEE	GRAYSON UTILITIES COMMISSION CARTER COUNTY		
BRIEF DESCRIPTION			
<p>Grayson Utility Commission needs to replace the current cast-iron water line running along Robert & Mary Ave (KY-3297) ahead of a transportation cabinet project to construct a sidewalk that will affect the same area in which the water line runs. KYTC has planned, through a federal grant, to construct a new sidewalk extending from US 60 to the location of the new park in Grayson. A problematic water line runs under this location. To prevent damage to this new sidewalk and higher costs to replace/repair sections of this sidewalk, Grayson Utility Commission needs to replace 2175' of this cast iron line with 6" PVC. An additional 40' feet of 2" PVC will also be replaced.</p>			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 21CWW030	\$566,000	RD Fee %	Actual %
		Administrative Expenses	\$11,000
		Eng - Design / Const	10.4% 9.4% 45,000
		Eng - Insp	7.5% 7.0% 33,500
		Construction	434,000
		Contingency	42,500
TOTAL	\$566,000	TOTAL	\$566,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	May 1, 2022	
	Construction Start	July 1, 2022	
	Construction Stop	November 1, 2022	
RESIDENTIAL RATES	Current	<u>Users</u> 4,369	<u>Avg. Bill</u> \$ 28.27 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Carter	\$ 566,000.00	
	Total	\$ 566,000.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	John Brady
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW031
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21043052
GRANTEE	RATTLESNAKE RIDGE WATER DISTRICT CARTER COUNTY		
BRIEF DESCRIPTION			
To provide better planning and workflow for system improvements, Rattlesnake Ridge intends to install and use a GIS mapping server for their entire system. With such a widespread rural area, a GIS system is the most sensible way to track flow, repairs, upgrades, and expansion to unserved populations.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW031	\$93,028	Administrative Expenses	\$2,800
		Planning	90,228
TOTAL	\$93,028	TOTAL	\$93,028
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	April 30, 2022	
	Construction Start	May 15, 2022	
	Construction Stop	July 1, 2022	
RESIDENTIAL RATES	Current	<u>Users</u> 4,108	<u>Avg. Bill</u> \$ 62.52 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Carter	\$ 93,028.00	
	Total	\$ 93,028.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	John Brady
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW032
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21045016
GRANTEE	EAST CASEY COUNTY WATER DISTRICT CASEY COUNTY		
BRIEF DESCRIPTION			
<p>This project will consist of upgrading the Shugars Hill Pump Station, replacing the Henson Creek Hydro Pneumatic Pump Station and the Walnut Hill Pump Station with new above ground pump stations, constructing a 200,000 gallon elevated tank, repainting the existing Nubbin Tank and adding a mixing system, 1,000 new water meters with AMR technology, six telemetry units, and five 8" insert valves. If funds remain at the completion of the project, the existing underground Crossroads Pump Station will be replaced with a new above ground pump station as Alternative 1.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW032	\$593,456	Construction	\$1,490,000
Other	1,293,544	Legal Expenses	20,100
		Land, Easements	10,000
		Eng - Design / Const	8.1% 7.5% 123,100
		Eng - Insp	5.0% 4.1% 67,100
		Eng - Other	28,000
		Contingency	148,700
TOTAL	\$1,887,000	TOTAL	\$1,887,000
PROFESSIONAL SERVICES	Engineer	Kenvirons, Inc.	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 5,014	<u>Avg. Bill</u> \$ 30.80 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Casey	\$ 593,456.00	
	Total	\$ 593,456.00	
Notes:			

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

Reviewer John Brady
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW033
 WRIS Number WX21047041

GRANTEE CHRISTIAN COUNTY WATER DISTRICT
 CHRISTIAN COUNTY

BRIEF DESCRIPTION

This project includes extending waterlines along 39 rural roadways, nearly 38 miles to provide water to unserved and underserved residences. In addition, a new pump station is proposed to assist with filling a water tank in the Crofton area.

PROJECT FINANCING		PROJECT BUDGET			RD Fee %	Actual %
CWP - Water Grant - 21CWW033	\$1,133,549	Administrative Expenses				\$50,000
Other	2,036,451	Legal Expenses				22,000
		Planning				30,000
		Eng - Design / Const	7.3%	6.7%		187,000
		Eng - Insp	4.1%	3.9%		108,000
		Construction				2,520,000
		Contingency				253,000
TOTAL	\$3,170,000	TOTAL				\$3,170,000

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES	Users	Avg. Bill
Current	6,029	\$ 45.81 (for 4,000 gallons)
Additional	75	

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Christian	\$ 1,133,549.00
	Total	\$ 1,133,549.00

Notes:

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

Reviewer John Brady
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW034
 WRIS Number WX21047050

GRANTEE OAK GROVE, CITY OF
 CHRISTIAN COUNTY

BRIEF DESCRIPTION

This project will replace approximately 150 commercial meters with new AMR meters. This will help with maintaining more accurate water consumption numbers and will cut down on O&M costs.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW034	\$268,834	Construction			\$268,834
TOTAL	\$268,834	TOTAL			\$268,834

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE
 Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

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	Christian	\$ 268,835.00		
	Total	\$ 268,835.00		

Notes:

Rate information not provided

EXECUTIVE SUMMARY		Reviewer	John Brady
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW035
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21047042
GRANTEE	HOPKINSVILLE WATER ENVIRONMENT AUTHORITY CHRISTIAN COUNTY		
BRIEF DESCRIPTION			
This project is a meter changeout project to remove HWEA's current outdated meters from Cycle # 5 and replace with Mueller's AMR compatible meters. Approximately 1,677 meters of various sizes will be replaced. Existing water meters are often located in difficult/dangerous to access locations. Having remote read meters will allow meters to be read more quickly and safely, improve leak/loss detection, and reduce meter reading cost.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW035	\$685,370	Equipment	700,000
Local	14,630		
TOTAL	<u>\$700,000</u>	TOTAL	<u>\$700,000</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 14,461	<u>Avg. Bill</u> \$ 23.20 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Christian	\$ 685,370.00	
	Total	\$ 685,370.00	
Notes:			
Local funds anticipated to finance remainder of project			

EXECUTIVE SUMMARY		Reviewer	Kelly Cunnagin
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW036
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21049043
GRANTEE	EAST CLARK COUNTY WATER DISTRICT CLARK COUNTY		
BRIEF DESCRIPTION			
<p>The East Clark County Water District proposes to install four (4) new distribution system "zone meters" in the following areas, Cabin Creek Road and Ecton Road, and two locations near the Highway 15 Elevated Storage Tank. Each meter will include a cellular modem to provide AMR capability. Also proposed in this project is the rehabilitation of the existing Muddy Creek Booster Pump Station. This rehabilitation is proposed to include replacement of the pumps, pump controls, variable frequency drives, and installation of a new propane-fueled emergency power generator at the BPS site.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW036	\$350,000	Administrative Expenses	\$15,000.00
		Legal Expenses	\$5,000.00
		Land, Easements	\$2,500.00
		Planning	\$5,500.00
		Eng - Design / Const	11.6% 11.2% \$30,000.00
		Eng - Insp	9.3% 9.0% \$24,000.00
		Construction	\$243,000.00
		Contingency	\$25,000.00
TOTAL	\$350,000	TOTAL	\$350,000
PROFESSIONAL SERVICES	Engineer	Bell Engineering	
PROJECT SCHEDULE	Bid Opening	May 31, 2022	
	Construction Start	June 30, 2022	
	Construction Stop	December 1, 2022	
RESIDENTIAL RATES	Current	<u>Users</u> 2,579	<u>Avg. Bill</u> \$ 47.94 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Clark	\$ 350,000.00	
	Total	\$ 350,000.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Kelly Cunnagin
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW037
CLEANER WATER PROGRAM GRANT		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	RD Fee % Actual %
CWP - Water Grant - 21CWW037	\$381,797	Administrative Expenses	\$20,000.00
Local	\$1,188,203.00	Construction	\$1,300,000.00
		Eng - Design / Const	12.2% 11.1% \$150,000.00
		Eng - Insp	10.4% 3.7% \$50,000.00
		Contingency	\$50,000.00
TOTAL	\$1,570,000	TOTAL	\$1,570,000
PROFESSIONAL SERVICES	Engineer	Bell Engineering	
PROJECT SCHEDULE	Bid Opening	June 1, 2022	
	Construction Start	July 1, 2022	
	Construction Stop	July 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 12,133	<u>Avg. Bill</u> \$ 26.67 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Clark	\$ 381,797.00	
	Total	\$ 381,797.00	
Notes:			

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

Reviewer Kelly Cunnagin
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW038
 WRIS Number WX21055018

GRANTEE CRITTENDEN-LIVINGSTON COUNTY WATER DISTRICT
 CRITTENDEN COUNTY

BRIEF DESCRIPTION

The Crittenden-Livingston WTP was built in 2000. All three filters had media replaced in 2007. In 2016, all filters were cleaned and media was replaced in one of the filters. This project will paint the interior and exterior of the sidewalls, repair surface wash piping at each filter, and replace media at all three filters.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW038	\$150,000.00	Construction			\$150,000.00
TOTAL	\$150,000	TOTAL			\$150,000

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE
 Bid Opening June 1, 2022
 Construction Start July 15, 2022
 Construction Stop September 30, 2022

RESIDENTIAL RATES
 Current Users 3,626 Avg. Bill \$ 61.37 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Crittenden	\$ 150,000.00		
	Total	\$ 150,000.00		

Notes:

EXECUTIVE SUMMARY		Reviewer	Kelly Cunnagin
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW040
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21059031
GRANTEE	WHITESVILLE, CITY OF DAVISS COUNTY		
BRIEF DESCRIPTION			
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.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW040	\$198,679	Administrative Expenses	\$7,087.00
		Eng - Design / Const	13.0% 12.0% \$18,780.00
		Eng - Insp	11.5% 10.8% \$16,890.00
		Construction	\$141,747.00
		Contingency	\$14,175.00
TOTAL	\$198,679	TOTAL	\$198,679
PROFESSIONAL SERVICES	Engineer	HRG, PLLC	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	1,426	\$ 31.26 (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	\$ 198,679.00	
	Total	\$ 198,679.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Kelly Cunnagin
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW041
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21059045
GRANTEE	DAVISS COUNTY FISCAL COURT DAVISS COUNTY		
BRIEF DESCRIPTION			
This project will replace approximately 33,000 LF of 3" water line with 6" line. This upgrade will make fire protection possible as well as increase pressure in the area and serve new customers			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW041	\$847,596	Administrative Expenses	\$15,000.00
		Legal Expenses	\$10,000.00
		Eng - Design / Const	13.7% 9.2% \$65,000.00
		Eng - Insp	12.6% 7.1% \$50,000.00
		Construction	\$643,269.00
		Contingency	\$64,327.00
TOTAL	<u>\$847,596</u>	TOTAL	<u>\$847,596</u>
PROFESSIONAL SERVICES	Engineer	Bluegrass Engineering, PLLC	
PROJECT SCHEDULE	Bid Opening	May 30, 2022	
	Construction Start	July 30, 2022	
	Construction Stop	November 30, 2022	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	4,706	\$ 29.48 (for 4,000 gallons)
	Additional	20	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Daviess	\$ 847,596.00	
	Total	\$ 847,596.00	
Notes:			

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

Reviewer Kelly Cunnagin
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW042
 WRIS Number WX21059055

GRANTEE DAVIESS COUNTY WATER DISTRICT
 DAVIESS COUNTY

BRIEF DESCRIPTION

This project will upgrade the pumps at the Reed Road pump station from 20hp to 40 hp pumps.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW042	\$165,000	Equipment			\$165,000.00
TOTAL	\$165,000	TOTAL			\$165,000

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE
 Bid Opening October 1, 2021
 Construction Start November 1, 2021
 Construction Stop December 15, 2021

RESIDENTIAL RATES
 Current Users Avg. Bill
 7,601 \$ 18.05 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Daviess	\$	165,000.00	
		Total	\$	165,000.00

Notes:

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

Reviewer Kelly Cunnagin
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW043
 WRIS Number WX21059075

GRANTEE DAVIESS COUNTY WATER DISTRICT
 DAVIESS COUNTY

BRIEF DESCRIPTION

Upgrade the pump size at Carter Road Pump Station from 20 HP pumps to 40 HP pumps and install an 8" altitude valve at Hwy 554 Tank at a cost of \$165,00.00. The installation of a 40 HP pumps will increase pumping capacity from 600 GPM to 1000 GPM. The installation of an altitude valve on Hwy 554 Tank is to prevent tank overflows.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW043	\$165,000	Construction			\$165,000.00
TOTAL	\$165,000	TOTAL			\$165,000

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE
 Bid Opening October 1, 2022
 Construction Start November 1, 2022
 Construction Stop December 15, 2022

RESIDENTIAL RATES
 Current Users 7,601 Avg. Bill \$ 18.05 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Daviess	\$ 165,000.00		
	Total	\$ 165,000.00		

Notes:

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

Reviewer Kelly Cunnagin
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW044
 WRIS Number WX21059077

GRANTEE DAVIESS COUNTY WATER DISTRICT
 DAVIESS COUNTY

BRIEF DESCRIPTION

Hwy 54 Ky DOT road widening project and waterline relocation betterment cost from a 12" waterline to a 16" waterline at a cost of \$275,000.00. The increased line size will allow increased flow to the Daviess County Water District System and time is relevant as the Ky DOT will pay for the waterline relocation and the DCWD will only be responsible for the betterment cost of the 16" line.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW044	\$275,000	Construction			\$275,000.00
TOTAL	\$275,000	TOTAL			\$275,000

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE
 Bid Opening September 1, 2022
 Construction Start October 1, 2022
 Construction Stop June 1, 2023

RESIDENTIAL RATES
 Current Users 7,601 \$ Avg. Bill 18.05 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Daviess	\$ 275,000.00		
	Total	\$ 275,000.00		

Notes:

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

Reviewer Kelly Cunnagin
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW045
 WRIS Number WX21059078

GRANTEE DAVIESS COUNTY WATER DISTRICT
 DAVIESS COUNTY

BRIEF DESCRIPTION

Upgrade approximately 8000' of 12" to a 16" waterline from Wing Avenue Pump Station to Hwy 54 at Wimsatt Court at a cost of \$1,310,000.00. The upgraded 16" waterline will improve pumping capacity to the Daviess County Water District system.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW045	\$1,310,000	Construction			\$1,310,000.00
TOTAL	\$1,310,000	TOTAL			\$1,310,000

PROFESSIONAL SERVICES Engineer Bryant Engineering, Inc.

PROJECT SCHEDULE
 Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES
 Current Users 7,601 \$ Avg. Bill 18.05 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Daviess	\$ 1,310,000.00		
	Total	\$ 1,310,000.00		

Notes:

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

Reviewer Kelly Cunnagin
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW046
 WRIS Number WX21059081

GRANTEE DAVIESS COUNTY WATER DISTRICT
 DAVIESS COUNTY

BRIEF DESCRIPTION

The installation of (40) master meters for leak detection on the Sensus flex net metering system (AMI) at a cost of \$200,000.00. The Daviess County Water District would outsource the installation of approximately (40) AMI meters and isolation valves for leak detection on the outer edge of the water system to improve the water loss by electronically determining the percentages of loss in designated areas.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW046	\$200,000	Equipment			\$200,000.00
TOTAL	\$200,000	TOTAL			\$200,000

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE
 Bid Opening October 1, 2022
 Construction Start November 1, 2022
 Construction Stop November 1, 2023

RESIDENTIAL RATES
 Current Users 7,601 \$ Avg. Bill 18.05 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Daviess	\$	200,000.00	
	Total	\$	200,000.00	

Notes:

EXECUTIVE SUMMARY		Reviewer	Kelly Cunnagin
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW047
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21059076
GRANTEE	OWENSBORO MUNICIPAL UTILITIES DAVISS COUNTY		
BRIEF DESCRIPTION			
Replace existing 1.25in galvanized pipe serving 400-600 blks of Birkhead Ave with the installation of 575ft of 6in PVC.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW047	\$54,000	Construction	\$54,000.00
TOTAL	\$54,000	TOTAL	\$54,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 25,200	<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	\$ 54,000.00	
	Total	\$ 54,000.00	
Notes:			

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

Reviewer Kelly Cunnagin
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW048
 WRIS Number WX21059085

GRANTEE OWENSBORO MUNICIPAL UTILITIES
 DAVIESS COUNTY

BRIEF DESCRIPTION

Replace existing 1.5in galvanized pipe serving the 600 blk of Jeff Place with the installation of 360ft of 6in PVC.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW048	\$55,000	Construction			\$55,000.00
TOTAL	\$55,000	TOTAL			\$55,000

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE
 Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES
 Current Users 25,200 \$ Avg. Bill 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	\$	55,000.00	
		Total	\$	55,000.00

Notes:

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

Reviewer Kelly Cunnagin
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW049
 WRIS Number WX21059086

GRANTEE OWENSBORO MUNICIPAL UTILITIES
 DAVIESS COUNTY

BRIEF DESCRIPTION

Replace existing 1in galvanized pipe serving the 1800-2000 blks of Stonewall Ct with the installation of 610ft of 6in PVC.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW049	\$60,000	Construction			\$60,000.00
TOTAL	\$60,000	TOTAL			\$60,000

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE
 Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES
 Current Users 25,200 Avg. Bill \$ 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	\$ 60,000.00		
	Total	\$ 60,000.00		

Notes:

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

Reviewer Kelly Cunnagin
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW050
 WRIS Number WX21059087

GRANTEE OWENSBORO MUNICIPAL UTILITIES
 DAVIESS COUNTY

BRIEF DESCRIPTION

Replace existing 2in galvanized pipe serving 1100-1400 blks of Cedar St with the installation of 1,265ft of 6in PVC.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW050	\$128,000	Construction			\$128,000.00
TOTAL	\$128,000	TOTAL			\$128,000

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE
 Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES
 Current Users 25,200 \$ Avg. Bill 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	\$	128,000.00	
		Total	\$	128,000.00

Notes:

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

Reviewer Kelly Cunnagin
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW056
 WRIS Number WX21071016

GRANTEE MARTIN, CITY OF
 FLOYD COUNTY

BRIEF DESCRIPTION

Connect city of Martin and Southern Water Sewer District water lines near our lady of the way hospital. Work Includes master meter pit, PRV pit, and associates piping

PROJECT FINANCING		PROJECT BUDGET			RD Fee %	Actual %
CWP - Water Grant - 21CWW056	\$174,000	Legal Expenses				\$2,460.00
		Land, Easements				\$2,000.00
		Eng - Design / Const	13.4%	13.2%		\$17,850.00
		Eng - Insp	12.1%	12.0%		\$16,200.00
		Construction				\$123,400.00
		Contingency				\$12,090.00
TOTAL	\$174,000	TOTAL				\$174,000

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES Current Users 465 \$ Avg. Bill 47.52 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Floyd	\$	174,000.00	
		Total	\$	174,000.00

Notes:

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

Reviewer Kelly Cunnagin
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW057
 WRIS Number WX21071017

GRANTEE PRESTONSBURG CITY'S UTILITIES COMMISSION
 FLOYD COUNTY

BRIEF DESCRIPTION

Purchase of one-thousand eight hundred (1,800) 5/8" x 3/4" T-10 water meters, connector, and 6' antenna to connect to Neptune NSIGHT reading system for replacement of the first generation of remote-read water meters located in PCUC Water Distribution System.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW057	\$327,924	Construction			\$327,924.00
TOTAL	\$327,924	TOTAL			\$327,924

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE
 Bid Opening July 1, 2022
 Construction Start August 1, 2022
 Construction Stop October 1, 2022

RESIDENTIAL RATES
 Current Users 10,003 Avg. Bill \$ 43.76 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Floyd	\$ 327,924.00		
	Total	\$ 327,924.00		

Notes:

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

Reviewer Kelly Cunnagin
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW063
 WRIS Number WX21081024

GRANTEE DRY RIDGE, CITY OF
 GRANT COUNTY

BRIEF DESCRIPTION

Water Tower is in need of paint and corrosive repairs.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW063	\$231,170	Construction			\$231,170
TOTAL	\$231,170	TOTAL			\$231,170

PROFESSIONAL SERVICES Engineer Kenvirons, Inc.

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES Current Users 915 \$ Avg. Bill 47.84 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Grant	\$ 230,170.00		
			Total	\$ 230,170.00

Notes:

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

Reviewer Kelly Cunnagin
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW065
 WRIS Number WX21081011

GRANTEE CORINTH WATER DISTRICT
 GRANT COUNTY

BRIEF DESCRIPTION

Restore welded 122,000 gal. steel tank (sandblasting, painting, ladders, OSHA signage).

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW065	\$155,085	Construction			\$155,085.00
TOTAL	\$155,085	TOTAL			\$155,085

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE
 Bid Opening June 3, 2021
 Construction Start August 1, 2021
 Construction Stop September 1, 2021

RESIDENTIAL RATES
 Current Users 1,483 Avg. Bill \$ 58.81 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Grant	\$	155,085.00	
		Total	\$	155,085.00

Notes:

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

Reviewer: Milward Dedman
 CPBOC Date: April 19, 2022
 KIA Grant Number: 21CWW068
 WRIS Number: WX21089109

GRANTEE: RACELAND, CITY OF
 GREENUP COUNTY

BRIEF DESCRIPTION

Raceland is looking at going to a drive-by radio read metering system to improve the accuracy of reads and improve on-time spent reading meters. This project would replace all current, aging meters in the system with up-to-date radio read meters.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW068	\$128,000	Administrative Expenses			\$3,000
Local	218,780	Construction			343,780
TOTAL	\$346,780	TOTAL			\$346,780

PROFESSIONAL SERVICES: Engineer, TBD

PROJECT SCHEDULE: Bid Opening, Construction Start, Construction Stop, TBD

RESIDENTIAL RATES: Current, Users Unknown, Avg. Bill Unknown (for 4,000 gallons)

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

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Greenup	\$ 128,000.00		
	Total	\$ 128,000.00		

Notes:

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT		Reviewer CPBOC Date KIA Grant Number WRIS Number	Milward Dedman April 19, 2022 21CWW070 WX21089107
GRANTEE	SOUTH SHORE, CITY OF GREENUP COUNTY		
BRIEF DESCRIPTION			
To provide adequate service to current business and residents as well as allow for economic growth, the waterlines along Main Stree in South Shore will require replacement with more adequate and less problematic lines. To achieve this, the city hopes to replace the original steel lines with HDPE lines to ensure a long life to these lines in a critical area of the system. 1700 feet of steel line will be replaced with multiple gate valves and blow-offs as needed. The existing line will have to be cut and capped, customers reconnected to the new line, and the pavement restored.			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 21CWW070	\$164,731	RD Fee %	Actual %
Local Funds	6,269	Administrative Expenses	\$3,000
		Legal Expenses	2,500
		Land, Easements	2,000
		Relocation Expense & Payments	-
		Planning	-
		Eng - Design / Const	13.5% 13.0% 16,500
		Eng - Insp	12.3% 11.8% 15,000
		Construction	115,000
		Contingency	12,000
		Other	5,000
TOTAL	\$171,000	TOTAL	\$171,000
PROFESSIONAL SERVICES	Engineer	Haworth, Meyer & Boleyn, Inc.	
PROJECT SCHEDULE	Bid Opening	June 1, 2022	
	Construction Start	August 1, 2022	
	Construction Stop	June 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 2,071	<u>Avg. Bill</u> \$ 26.22 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Greenup	\$ 164,731.00	
	Total	\$ 164,731.00	
Notes:			
Cleaner Water Program Grant Funds			

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW071
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21089005
GRANTEE	WORTHINGTON, CITY OF GREENUP COUNTY		
BRIEF DESCRIPTION			
<p>The original project scope has been amended since the city has sense rehabilitated well three. The new scope includes the cleanout of wells one and two and the replacement of both pumps. This will increase the flow available from these wells and decrease the pump time needed to sustain adequate water pressure. The outcome will save on electricity, provide backups in case of water issues in the current main well, and decrease stress on the system as a whole.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW071	\$62,140	Administrative Expenses	\$1,520
		Eng - Design / Const	14.9% 0.0%
		Eng - Insp	14.3% 0.0%
		Construction	50,620
		Other	10,000
TOTAL	\$62,140	TOTAL	\$62,140
PROFESSIONAL SERVICES	Engineer	Howerton Engineering & Surveying PLLC	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 682	<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	Greenup	\$ 62,140.00	
	Total	\$ 62,140.00	
Notes:			

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

Reviewer Milward Dedman
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW072
 WRIS Number WX21091075

GRANTEE LEWISPORT, CITY OF
 HANCOCK COUNTY

BRIEF DESCRIPTION

This project looks to extend the waterline along Frank Luttrell Road to create an emergency interconnect for Lewisport and ECDWA. The extension will be 2,914 LF of 3" PVC along Frank Luttrell Road to US 60. This new interconnection will be vastly important for both the City of Lewisport and EDCWA. Both of these systems have areas of customers that would be able to benefit from the installation of this new emergency interconnect.

PROJECT FINANCING		PROJECT BUDGET			
			RD Fee %	Actual %	
CWP - Water Grant - 21CWW072	\$37,325	Administrative Expenses			\$0
Local Funding	13,675	Legal Expenses			500
		Land, Easements			500
		Planning			
		Eng - Design / Const	15.0%	11.1%	5,000
		Eng - Insp	14.4%	0.0%	
		Construction			45,000
TOTAL	\$51,000	TOTAL			\$51,000

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening June 1, 2022
 Construction Start July 1, 2022
 Construction Stop November 1, 2022

RESIDENTIAL RATES Current Users 1,086 \$ Avg. Bill 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	Hancock	\$	37,325.00	
		Total	\$	37,325.00

Notes:

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

Reviewer Milward Dedman
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW073
 WRIS Number WX21091101

GRANTEE LEWISPORT, CITY OF
 HANCOCK COUNTY

BRIEF DESCRIPTION

The County Booster Station Improvement project will make necessary modifications to the existing county BPS to provide the City to provide continued service utilizing a constant pressure mode as well as a pump and fill cycle options by installing VFD, pressure transducer, new pumps and controls.

PROJECT FINANCING		PROJECT BUDGET			RD Fee %	Actual %
CWP - Water Grant - 21CWW073	\$283,000	Planning				3,000
		Eng - Design / Const	11.9%	11.9%		28,000
		Eng - Insp	9.8%	6.8%		16,000
		Construction				215,000
		Contingency				21,000
TOTAL	\$283,000	TOTAL				\$283,000

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES Current Users 1,086 Avg. Bill \$ 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	Hancock	\$	283,000.00	
		Total	\$	283,000.00

Notes:

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

Reviewer Milward Dedman
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW074
 WRIS Number WX21093059

GRANTEE VINE GROVE, CITY OF
 HARDIN COUNTY

BRIEF DESCRIPTION

Area of improvements is located along Main Street between the railroad tracks and Church Street. Work includes the replacement of an existing 6" water line with new 12". This project will be paired with a sewer line project in the same area.

PROJECT FINANCING		PROJECT BUDGET			
			RD Fee %	Actual %	
CWP - Water Grant - 21CWW074	\$146,141	Administrative Expenses			\$0
		Eng - Design / Const	13.5%	7.4%	9,480
		Eng - Insp	12.3%	6.1%	7,900
		Construction			122,600
		Contingency			6,161
TOTAL	\$146,141	TOTAL			\$146,141

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES Current Users 2,535 \$ Avg. Bill 36.68 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Hardin	\$	146,141.00	
		Total	\$	146,141.00

Notes:

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

Reviewer Milward Dedman
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW075
 WRIS Number WX21093043

GRANTEE HARDIN COUNTY WATER DISTRICT #1
 HARDIN COUNTY

BRIEF DESCRIPTION

This project consists of the replacement of 3,650 LF of 6-inch and 4,550 2-inch cast iron water main with 6-inch PVC water main and the construction of 1,100 LF of new 6-inch PVC water main along blackjack, centennial, Evelyn, woodland, Spring street, and other miscellaneous water mains. The project will improve pressure and eliminate breaks due to pipe age and material.

PROJECT FINANCING		PROJECT BUDGET	RD Fee %	Actual %
CWP - Water Grant - 21CWW075	\$1,000,000	Eng - Design / Const	8.9%	0.0%
		Eng - Insp	5.6%	0.0%
		Construction		1,000,000
TOTAL	\$1,000,000	TOTAL		\$1,000,000

PROFESSIONAL SERVICES Engineer Strand Associates, Incorporated

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES Current Users 10,355 Avg. Bill \$ 28.78 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Hardin	\$ 1,000,000.00		
	Total	\$ 1,000,000.00		

Notes:

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW076
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21093052
GRANTEE	HARDIN COUNTY WATER DISTRICT #2 HARDIN COUNTY		
BRIEF DESCRIPTION			
The proposed project will include construction of a new 750,000 gallon elevated water tank in the Mulberry corridor to replace two existing tanks that are nearing the end of their useful life. The project will provide storage and pressure to primary sections of downtown Elizabethtown.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW076	\$1,762,000	Eng - Design / Const	7.1% 0.0%
Local Funds	1,738,000	Eng - Insp	3.9% 0.0%
	-	Construction	3,500,000
TOTAL	\$3,500,000	TOTAL	\$3,500,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	December 1, 2022	
	Construction Start	February 1, 2022	
	Construction Stop	January 31, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 28,777	<u>Avg. Bill</u> \$ 28.80 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Hardin	\$ 1,762,000.00	
	Total	\$ 1,762,000.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW078
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21097029
GRANTEE	HARRISON COUNTY WATER ASSOCIATION INC HARRISON COUNTY		
BRIEF DESCRIPTION			
<p>The project entails replacing 16,700 linear feet of 6-inch water main on US 27, this aged water main has multiple breaks each year and is a maintenance issue for HCWA. If this water main fails and breaks it can leave 650 users without water. It also entail extended 13,500 linear feet of 6-inch water main on KY 353 to provide up to 15 new users on KY 353 and make a loop in the system to help with water quality and supply.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW078	\$134,087	Administrative Expenses	\$15,000
Funding Source 2	1,692,173	Legal Expenses	10,000
		Land, Easements	10,000
		Eng - Design / Const	8.2% 8.7% 136,800
		Eng - Insp	5.0% 4.7% 74,200
		Construction	1,436,600
		Contingency	143,660
TOTAL	\$1,826,260	TOTAL	\$1,826,260
PROFESSIONAL SERVICES	Engineer	Strand Associates, Incorporated	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	5,866	\$ 34.21 (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	Harrison	\$ 134,087.00	
	Total	\$ 134,087.00	
Notes:			

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

Reviewer Milward Dedman
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW079
 WRIS Number WX21097030

GRANTEE HARRISON COUNTY WATER ASSOCIATION INC
 HARRISON COUNTY

BRIEF DESCRIPTION

The project entails extending 13,500 linear feet of 4-inch water main on KY 353 to provide up to 16 new users on KY 353 and make a loop in the existing system to help with water quality and supply.

PROJECT FINANCING		PROJECT BUDGET			
			RD Fee %	Actual %	
CWP - Water Grant - 21CWW079	\$60,447	Administrative Expenses			\$15,000
Other Funding	888,599	Legal Expenses			10,000
		Land, Easements			10,000
		Eng - Design / Const	9.2%	8.2%	65,446
		Eng - Insp	6.0%	6.3%	50,000
		Construction			726,000
		Contingency			72,600
TOTAL	\$949,046	TOTAL			\$949,046

PROFESSIONAL SERVICES Engineer Strand Associates, Incorporated

PROJECT SCHEDULE
 Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES

	Users	Avg. Bill
Current	5,866	\$ 34.21 (for 4,000 gallons)
Additional	16	

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Harrison	\$ 60,447.00
	Total	\$ 60,447.00

Notes:

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

Reviewer Milward Dedman
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW080
 WRIS Number WX21099046

GRANTEE EDMONSON COUNTY WATER DISTRICT
 HART COUNTY

BRIEF DESCRIPTION

This project would include installation of 30,971LF of 3" and 4" PVC water mains to improve service to 10 underserved households and 15 unserved customers. 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			\$0
Other Funding	953,435	Eng - Design / Const	8.8%	8.2%	81,936
		Eng - Insp	5.6%	5.3%	52,803
		Eng - Other			20,028
		Construction			910,401
		Contingency			91,040
TOTAL	\$1,156,208	TOTAL			\$1,156,208

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES	Users	Avg. Bill
Current	10,654	\$ 27.25 (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	\$ 202,773.00
	Total	\$ 202,773.00

Notes:

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW081
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21099041
GRANTEE	GREEN RIVER VALLEY WATER DISTRICT HART COUNTY		
BRIEF DESCRIPTION			
This project will include the following features: - Approximately 3,500 LF of 3 inch water line (extension) and a 5hp pump station on Nelson Road - Approximately 1,000 LF of 3 inch water line on Moss Road - Approximately 6,000 LF of 4 inch water line (extension) on Glen Lily and Howard Scott Road			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW081	\$403,307	Administrative Expenses	\$2,500
Other Funding	318,693	Legal Expenses	3,000
		Land, Easements	10,000
		Eng - Design / Const	9.6% 4.6% 30,000
		Eng - Insp	6.6% 3.0% 20,000
		Construction	636,950
		Contingency	19,550
TOTAL	\$722,000	TOTAL	\$722,000
PROFESSIONAL SERVICES	Engineer	Cann-Tech, LLC	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	7,322	\$ 34.00 (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	Hart	\$ 403,307.00	
	Total	\$ 403,307.00	
Notes:			

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

Reviewer Milward Dedman
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW082
 WRIS Number WX21099045

GRANTEE GREEN RIVER VALLEY WATER DISTRICT
 HART COUNTY

BRIEF DESCRIPTION

This project will install roughly 2,500 LF of 3" PVC water lines to service the current unserved and future customers that would be unserved by current system.

PROJECT FINANCING		PROJECT BUDGET		
		RD Fee %	Actual %	
CWP - Water Grant - 21CWW082	\$93,000			Administrative Expenses
				Planning
				Eng - Design / Const
		14.6%	12.3%	Eng - Insp
				Construction
				Contingency
TOTAL	\$93,000			TOTAL
				\$93,000

PROFESSIONAL SERVICES Engineer Cann-Tech, LLC

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES

	Users	Avg. Bill
Current	7,322	\$ 34.00 (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	Hart	\$ 93,000.00
	Total	\$ 93,000.00

Notes:

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW083
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21101127
GRANTEE	HENDERSON COUNTY WATER DISTRICT HENDERSON COUNTY		
BRIEF DESCRIPTION This project proposes building a waterline using 6" line across the Green River. The Kentucky Transportation Cabinet is in the process of designing and building a new bridge on Highway 60 that will span the Green River between the the closest communities of Spottsville and Reed. Currently, the Henderson County Water District serves the far Eastern Henderson County community of Reed with a 10" waterline that was constructed and floated across the Green River in the mid 1980's. In the meantime, Henderson County Water District has built an emergency connection with West Daviess County Water District. However, a failure to the current waterline would mean the Henderson County Water District would have to solely rely on the Emergency Interconnect with West Daviess County Water District to serve its approximately 260 customers in the Reed area. This project will be completed in			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 21CWW083	\$200,000	Administrative Expenses	\$3,283
KIA SRF Fund F Loan (DW)	353,694	Eng - Design / Const	10.2% 6.9% 35,440
		Eng - Insp	7.3% 0.0%
		Construction	501,840
		Contingency	13,131
TOTAL	\$553,694	TOTAL	\$553,694
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	6,451	\$ 34.46 (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	Henderson	\$ 200,000.00	
	Total	\$ 200,000.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW084
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21101134
GRANTEE	HENDERSON WATER UTILITY HENDERSON COUNTY		
BRIEF DESCRIPTION			
Extension of 12" water main to 200 acre Industrial Park property on KY 425, east of Old Corydon Road. THIS PROJECT IS DIRECTLY ASSOCIATED WITH PROJECT SX21101047. THE NEW INDUSTRY REQUIRES BOTH WATER, SEWER AND NATURAL GAS TO BE EXTENDED TO THE PROPERTY.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW084	\$750,000	Administrative Expenses	\$5,000
		Eng - Design / Const	9.5% 8.8% 60,000
		Eng - Insp	6.5% 0.0% -
		Construction	610,000
		Contingency	75,000
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	11,325	\$ 14.68 (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	Henderson	\$ 750,000.00	
	Total	\$ 750,000.00	
Notes:			

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

Reviewer Milward Dedman
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW085
 WRIS Number WX21103061

GRANTEE NEW CASTLE, CITY OF
 HENRY COUNTY

BRIEF DESCRIPTION

Replacing water meters in the City of New Castle's water distribution system that have no AMR capabilities with AMR capable meters and leak detection. The City of New Castle will also be replacing existing meters with AMR capabilities that are broken, malfunctioning or soon to be obsolete.

PROJECT FINANCING		PROJECT BUDGET	RD Fee %	Actual %
CWP - Water Grant - 21CWW085	\$20,000			
Local Funding	20,000	Equipment		40,000
TOTAL	\$40,000	TOTAL		\$40,000

PROFESSIONAL SERVICES Engineer 0

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

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	Henry	\$ 20,000.00		
	Total	\$ 20,000.00		

Notes:

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW086
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21103060
GRANTEE	HENRY COUNTY WATER DISTRICT #2 HENRY COUNTY		
BRIEF DESCRIPTION			
<p>Refurbishing a Media Type Filter at the Henry County Water District #2 Treatment Plant. This filter has a small crack on the bottom of the plate and is leaking water. There is also an abundance of paint that has been chipped off and is beginning to rust. The HCWD #2 has refurbished the other two (2) filters in the past two years, however, filter #1 began to leak after they already started working on another filter. HCWD #2 knows that this project will take about three months from beginning to end with the bidding process to final completion. The last two projects have cost right around the \$300,000 range. There were no prevailing wages during those projects.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW086	\$33,230	Eng - Design / Const	11.1% 0.0%
Other Funding	286,770	Eng - Insp	8.6% 0.0%
		Construction	320,000
TOTAL	\$320,000	TOTAL	\$320,000
PROFESSIONAL SERVICES	Engineer	Tetra Tech, Inc.	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 6,712	<u>Avg. Bill</u> \$ 38.59 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Henry	\$ 33,230.00	
	Total	\$ 33,230.00	
Notes:			

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

Reviewer Milward Dedman
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW087
 WRIS Number WX21105010

GRANTEE COLUMBUS, CITY OF
 HICKMAN COUNTY

BRIEF DESCRIPTION

The City of Columbus needs to inspect, clean, paint, and repair its only water tank.

PROJECT FINANCING		PROJECT BUDGET	RD Fee %	Actual %
CWP - Water Grant - 21CWW087	\$160,860	Eng - Design / Const	12.9%	0.0%
		Eng - Insp	11.4%	0.0%
		Construction		160,860
TOTAL	\$160,860	TOTAL		\$160,860

PROFESSIONAL SERVICES Engineer 0

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES Current Users 82 Avg. Bill \$ 29.60 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Hickman	\$ 160,860.00
	Total	\$ 160,860.00

Notes:

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

Reviewer Milward Dedman
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW088
 WRIS Number WX21107066

GRANTEE EARLINGTON, CITY OF
 HOPKINS COUNTY

BRIEF DESCRIPTION

This proposed project includes replacing nearly 2,100 LF of an old 6" pipeline consisting of both cast iron and AC sections. The new PVC pipeline will extend along S. Atkinson Avenue from the intersection of Boyle Avenue to the rear of the Earlington Elementary School.

PROJECT FINANCING		PROJECT BUDGET			
			RD Fee %	Actual %	
CWP - Water Grant - 21CWW088	\$110,000	Administrative Expenses			\$500
		Legal Expenses			500
		Eng - Design / Const	14.1%	7.4%	7,000
		Eng - Insp	13.1%	7.9%	7,500
		Construction			84,000
		Contingency			10,500
TOTAL	\$110,000	TOTAL			\$110,000

PROFESSIONAL SERVICES Engineer

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES Current Users 536 Avg. Bill \$ 33.40 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Hopkins	\$	110,000.00	
		Total	\$	110,000.00

Notes:

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW089
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21107055
GRANTEE	HANSON, CITY OF HOPKINS COUNTY		
BRIEF DESCRIPTION			
This project will replace approximately 7,800 LF of 3 " PVC waterline along Livingston and Compton Rd with a new 6" to an underserved area. In addition, new valves will be installed throughout the system to ensure repairs can be made without large sections of town being without water.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW089	\$110,000	Administrative Expenses	\$25,000
Other Funding	448,512	Legal Expenses	5,000
		Eng - Design / Const	10.4% 3.0% 14,349
		Eng - Insp	7.5% 7.5% 35,872
		Construction	434,810
		Contingency	43,481
TOTAL	<u>\$558,512</u>	TOTAL	<u>\$558,512</u>
PROFESSIONAL SERVICES	Engineer	Ronald Johnson & Associates, PSC	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 504	<u>Avg. Bill</u> \$ 34.72 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Hopkins	\$ 110,000.00	
	Total	\$ 110,000.00	
Notes:			

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT	Reviewer	Milward Dedman
	CPBOC Date	April 19, 2022
	KIA Grant Number	21CWW090
	WRIS Number	WX21107050

GRANTEE	MORTONS GAP, CITY OF HOPKINS COUNTY
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BRIEF DESCRIPTION
This project involves replacing existing plastic fittings with ductile iron, adding valves to allow isolation of lines for maintenance, adding/replacing fire hydrants, replacing all meters with new radio read meters, replacing all service tubing from the main to the meter, and creating a new monitoring system (SCADA) for the tank and master meter. Revised Scope: In addition to the work listed above, the system has received approval to install a new line extension along White City Rd and Tirey Ln to serve customers currently without drinking water service since the project was under budget. The new line extension will include approximately 1300 LF of 3' PVC waterline along White City Rd, 600 LF of 2" PVC waterline along Tirey Ln, and 4900 LF of 2" PVC waterline along White City Rd. The project will also include a flush hydrant, three new valves, 6 new AMR meters, and a steel cased road bore.

PROJECT FINANCING		PROJECT BUDGET		
		RD Fee %	Actual %	
CWP - Water Grant - 21CWW090	\$109,020			Administrative Expenses \$50,000
KIA SRF Fund F Loan (DW)	725,980			Legal Expenses 18,000
CDBG	835,000			Planning 20,000
				Eng - Design / Const 8.4% 7.6% 107,000
				Eng - Insp 5.2% 4.8% 67,000
				Construction 1,250,000
				Contingency 158,000
TOTAL	\$1,670,000			TOTAL \$1,670,000

PROFESSIONAL SERVICES	Engineer	McGhee Engineering, 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	421	\$	46.80 (for 4,000 gallons)
	Additional	8		

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
Unservd Rural Pool		\$	109,020.00	
		Total	\$	109,020.00

Notes:

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

Reviewer Milward Dedman
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW091
 WRIS Number WX21107064

GRANTEE MORTONS GAP, CITY OF
 HOPKINS COUNTY

BRIEF DESCRIPTION

This project will install new line extensions along White City Rd and Tirey Ln to serve customers currently without drinking water service since the project was under budget. The new line extension will include approximately 1300 LF of 3' PVC waterline along White City Rd, 600 LF of 2" PVC waterline along Tirey Ln, and 4900 LF of 2" PVC waterline along White City Rd. The project will also include a flush hydrant, three new valves, 6 new AMR meters, and a steel cased road bore.

PROJECT FINANCING		PROJECT BUDGET		
		RD Fee %	Actual %	
CWP - Water Grant - 21CWW091	\$110,000			Administrative Expenses \$5,000
Other Funding	35,500			Eng - Design / Const 15,500
				Eng - Insp 5,000
				Construction 110,000
				Contingency 10,000
TOTAL	\$145,500			TOTAL \$145,500

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES	Users	Avg. Bill
Current	421	\$ 46.80 (for 4,000 gallons)
Additional	8	

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Hopkins	\$ 110,000.00
	Total	\$ 110,000.00

Notes:

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW092
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21107059
GRANTEE	NORTONVILLE, CITY OF HOPKINS COUNTY		
BRIEF DESCRIPTION			
This project will replace approximately 37,700 LF of existing waterline in various locations of Nortonville water system. Proposed lines will be 4-inch and 6-inch PVC and replace various sizes of existing lines, most of which are 2-inch galvanized steel. Approximately 10,000 LF of 3/4" service lines will be connected to the new lines from the water meters.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW092	\$150,000	Administrative Expenses	\$20,000
KIA SRF Fund F Loan (DW)	2,203,020	Eng - Design / Const	7.6% 7.0% 146,000
		Eng - Insp	4.5% 4.2% 88,000
		Construction	1,908,200
		Contingency	190,820
TOTAL	<u>\$2,353,020</u>	TOTAL	<u>\$2,353,020</u>
PROFESSIONAL SERVICES	Engineer	Eclipse Engineers, PLLC	
PROJECT SCHEDULE	Bid Opening	July 1, 2022	
	Construction Start	August 15, 2022	
	Construction Stop	December 30, 2022	
RESIDENTIAL RATES	Current	<u>Users</u> 807	<u>Avg. Bill</u> \$ 28.80 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Hopkins	\$ 150,000.00	
	Total	\$ 150,000.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW093
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21107058
GRANTEE	WHITE PLAINS, CITY OF HOPKINS COUNTY		
BRIEF DESCRIPTION			
<p>The project will include construction of approximately 43,500 LF of new 6 inch PVC pipe and 2,000 LF of new 4 inch PVC pipe to replace all existing asbestos-cement (A/C) pipe in the White Plains water distribution system. Approximately 1,000 LF of new 6 inch PVC waterline extensions will be constructed along US 62, Concord Church Rd, J P Hanks Rd, and KY 813 to create loops in the system. All valves, hydrants, and services lines including setter and box will be replaced in the area where the A/C pipe is replaced.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW093	\$110,000	Administrative Expenses	\$50,000
KIA SRF Fund F Loan (DW)	2,295,000	Legal Expenses	20,000
		Planning	67,000
		Eng - Design / Const	7.7% 7.2% 142,000
		Eng - Insp	4.6% 4.3% 86,000
		Eng - Other	60,000
		Construction	1,800,000
		Contingency	180,000
TOTAL	\$2,405,000	TOTAL	\$2,405,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	March 1, 2023	
	Construction Start	May 1, 2023	
	Construction Stop	October 30, 2023	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	631	\$ 40.14 (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	Hopkins	\$ 110,000.00	
	Total	\$ 110,000.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW094
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21107070
GRANTEE	MADISONVILLE MUNICIPAL UTILITIES HOPKINS COUNTY		
BRIEF DESCRIPTION			
This project will replace a 12" water main with a 10" PVC water line to service the south end of Hopkins County.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW094	\$380,000	Administrative Expenses	\$5,000
KIA SRF Fund F Loan (DW)	309,800	Planning	25,000
		Eng - Design / Const	10.4% 20.6% 100,000
		Eng - Insp	7.5% 15.5% 75,000
		Construction	480,000
		Contingency	4,800
TOTAL	\$689,800	TOTAL	\$689,800
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	October 1, 2022	
	Construction Start	November 1, 2022	
	Construction Stop	March 15, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 10,089	<u>Avg. Bill</u> \$ 22.61 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Hopkins	\$ 380,000.00	
	Total	\$ 380,000.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW095
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21107054
GRANTEE	NEBO WATER DISTRICT HOPKINS COUNTY		
BRIEF DESCRIPTION			
This project will construct a new block pump station building to replace the existing metal building at the Hwy 41A-Calumet Ln Pump Station and will replace the pump motors with premium efficiency motors with VFD's. The project will also add new SCADA and telemetry to three other pump stations, three tanks, and at the Nebo Water District Office. In addition, the project will replace all 1600 existing meters with automated read meters.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW095	\$160,000	Administrative Expenses	\$25,000
Loan	992,700	Legal Expenses	5,000
		Land, Easements	5,000
		Planning	10,000
		Eng - Design / Const	8.9% 7.9% 76,500
		Eng - Insp	5.7% 5.6% 54,200
		Eng - Other	8,500
		Construction	950,000
		Contingency	18,500
TOTAL	<u>\$1,152,700</u>	TOTAL	<u>\$1,152,700</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 1,570	<u>Avg. Bill</u> \$ 42.28 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Hopkins	\$ 160,000.00	
	Total	\$ 160,000.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW096
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21107069
GRANTEE	NORTH HOPKINS WATER DISTRICT HOPKINS COUNTY		
BRIEF DESCRIPTION			
This project will paint the interior of three of the North Hopkins Water District's tanks.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW096	\$150,000	Administrative Expenses	\$2,500
		Eng - Design / Const	13.1% 0.0%
		Eng - Insp	11.8% 0.0%
		Construction	145,000
TOTAL	\$150,000	TOTAL	\$150,000
PROFESSIONAL SERVICES	Engineer	N/A	
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)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Hopkins	\$ 150,000.00	
	Total	\$ 150,000.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW097
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21107062
GRANTEE	SOUTH HOPKINS WATER DISTRICT HOPKINS COUNTY		
BRIEF DESCRIPTION			
This project will replace approximately 11 miles of 8" AC line along US Hwy 62 from Dawson Springs to St. Charles. In addition, the project will replace 3100 customers meters and 4 master meters with AMR meters and will construct a new office building and shop.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW097	\$161,140	Administrative Expenses	\$50,000
Other Funding	11,188,860	Planning	40,000
		Eng - Design / Const	6.3% 0.5% 60,000
		Eng - Insp	2.9% 0.0%
		Construction	10,200,000
		Contingency	1,000,000
TOTAL	\$11,350,000	TOTAL	\$11,350,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 2,988	<u>Avg. Bill</u> \$ 30.52 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Hopkins	\$ 161,140.00	
	Total	\$ 161,140.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW098
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21111192
GRANTEE	LOUISVILLE WATER COMPANY JEFFERSON COUNTY		
BRIEF DESCRIPTION This main was installed in the 1890's and is composed of cast iron pipe with leadite joints. In recent years Louisville Water has experienced a failure of this main and as a result, the company has initiated a project to rehabilitate this main in a phased approach. Phase 1 will begin at Dumesnil St east of S 12th Street heading northeast and terminating at the CSX railway crossing. The project then resumes at W Oak St just east of S 7th Street and terminating on W Oak St at S Brook St. The scope for this phase includes the rehabilitation of the existing 48-inch cast iron (4,300 LF) by sliplining and open trench installation methods. The new pipeline installation includes: sliplining 3,800+/- lineal feet of 42-inch OD welded steel pipe and open cut 500+/- lineal feet of 42-inch OD welded steel pipe and appurtenances along the existing route. Also included in this project are eight (8) distribution tie-in			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW098	\$5,114,360	Eng - Design / Const	6.8% 4.0% 195,000
		Eng - Insp	3.5% 1.2% 58,000
		Construction	4,861,360
TOTAL	<u>\$5,114,360</u>	TOTAL	<u>\$5,114,360</u>
PROFESSIONAL SERVICES	Engineer	0	
PROJECT SCHEDULE	Bid Opening	June 15, 2022	
	Construction Start	July 15, 2022	
	Construction Stop	March 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 279,283	<u>Avg. Bill</u> \$ 24.91 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Jefferson	\$ 5,114,360.00	
	Total	\$ 5,114,360.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW099
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21111193
GRANTEE	LOUISVILLE WATER COMPANY JEFFERSON COUNTY		
BRIEF DESCRIPTION			
<p>Replace 7,220 feet of aging water main to improve customer service by reducing service disruptions due to main breaks. In recent years, the area addressed by this project has experienced 12 main breaks. This project will improve reliability in the West End of Jefferson County. The area impacted by this project is economically disadvantaged.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW099	\$1,925,637	Administrative Expenses	\$48,160
Other Funding	964,363	Eng - Design / Const	7.4% 5.3% 130,000
		Eng - Insp	4.3% 2.5% 62,400
		Construction	2,366,120
		Contingency	101,000
		Other	182,320
TOTAL	\$2,890,000	TOTAL	\$2,890,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	June 15, 2022	
	Construction Start	July 15, 2022	
	Construction Stop	March 15, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 279,283	<u>Avg. Bill</u> \$ 24.91 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Jefferson	\$ 1,925,637.00	
	Total	\$ 1,925,637.00	
Notes:			

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT	Reviewer	Milward Dedman
	CPBOC Date	April 19, 2022
	KIA Grant Number	21CWW100
	WRIS Number	WX21113035

GRANTEE	JESSAMINE COUNTY WATER DISTRICT #1 JESSAMINE COUNTY
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BRIEF DESCRIPTION
This project has been amended to combine WX21113034 (Carolyn Lane Water Line Upgrade) and WX21113035 (Vincewood Water Line Upgrade). Approximately 123 customers will be affected by the Carolyn Lane and Vincewood Drive Water Line Upgrades with an additional 500 customers having minor impacts due to the installation of new AMR meters. The project formerly WX21113035 will increase the size of water mains in the Vincewood area, which will provide improved pressures and flows and allow for fire protection to be provided to the area. The project will also improve a loop line. The project formerly WX21113034 will increase the size of water mains in the carolyn lane area, which will provide improved pressures and flows and allow for fire protection to be provided to the area.

PROJECT FINANCING		PROJECT BUDGET	RD Fee %	Actual %
CWP - Water Grant - 21CWW100	\$79,000	Legal Expenses		16,000
USDA RD Loan	1,372,790	Planning		28,000
		Eng - Design / Const	8.6%	9.0%
		Eng - Insp	5.4%	4.9%
		Construction		1,200,000
		Contingency		22,890
		Other		15,000
TOTAL	\$1,451,790	TOTAL		\$1,451,790

PROFESSIONAL SERVICES	Engineer	Haworth, Meyer & Boleyn, Inc.
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PROJECT SCHEDULE	Bid Opening	July 1, 2022
	Construction Start	September 1, 2022
	Construction Stop	January 1, 2022

RESIDENTIAL RATES	Current	<u>Users</u> 2,252	\$	<u>Avg. Bill</u> 41.21 (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	Jessamine	\$ 79,000.00
	Total	\$ 79,000.00

Notes:

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW101
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21113050
GRANTEE	JESSAMINE COUNTY WATER DISTRICT #1 JESSAMINE COUNTY		
BRIEF DESCRIPTION			
Upgrading approximately 1650 LF of water line at Mead Court and Catnip Hill Drive from existing 3" to 8" water line. The existing water main on Mead Court is undersized, prone to leaks and breaks and has become a maintenance issue for the District			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 21CWW101	\$295,500	RD Fee %	Actual %
		Administrative Expenses	\$9,000
		Legal Expenses	1,500
		Land, Easements	5,000
		Planning	10,000
		Eng - Design / Const	12.0% 12.8% 28,000
		Eng - Insp	10.1% 10.0% 22,000
		Construction	195,000
		Contingency	24,500
		Other	500
TOTAL	\$295,500	TOTAL	\$295,500
PROFESSIONAL SERVICES	Engineer	Haworth, Meyer & Boleyn, Inc.	
PROJECT SCHEDULE	Bid Opening	June 1, 2022	
	Construction Start	August 30, 2022	
	Construction Stop	October 30, 2022	
RESIDENTIAL RATES	Current	<u>Users</u> 2,252	<u>Avg. Bill</u> \$ 41.21 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Jessamine	\$ 295,500.00	
	Total	\$ 295,500.00	
Notes:			

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT		Reviewer CPBOC Date KIA Grant Number WRIS Number	Milward Dedman April 19, 2022 21CWW102 WX21113052
GRANTEE	JESSAMINE COUNTY WATER DISTRICT #1 JESSAMINE COUNTY		
BRIEF DESCRIPTION			
Project will provide better monitoring, control and management of the system. The district staff can monitor pump operation, tank levels and possible line breaks from a central location. Security will be increased by providing improved cybersecurity and protection from malware, hacking, virus attacks, and similar concerns.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW102	\$40,000	Eng - Design / Const	15.1% 0.0%
		Eng - Insp	14.6% 0.0%
		Construction	40,000
TOTAL	\$40,000	TOTAL	\$40,000
PROFESSIONAL SERVICES	Engineer	Haworth, Meyer & Boleyn, Inc.	
PROJECT SCHEDULE	Bid Opening	July 1, 2022	
	Construction Start	October 1, 2022	
	Construction Stop	January 3, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 2,252	<u>Avg. Bill</u> \$ 41.21 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Jessamine	\$ 40,000.00	
	Total	\$ 40,000.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW103
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21113049
GRANTEE	JESSAMINE-SOUTH ELKHORN WATER DISTRICT JESSAMINE COUNTY		
BRIEF DESCRIPTION			
Interior and exterior re-coating of the 0.5 million elevated storage tank located on Parks Lane.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW103	\$414,500	Administrative Expenses	\$3,000
Other Funding	293,600	Legal Expenses	1,000
		Eng - Design / Const	9.9% 17.4% 98,950
		Eng - Insp	7.0% 6.2% 35,150
		Construction	522,500
		Contingency	47,500
TOTAL	<u>\$708,100</u>	TOTAL	<u>\$708,100</u>
PROFESSIONAL SERVICES	Engineer	Horne Engineering, Inc.	
PROJECT SCHEDULE	Bid Opening	October 1, 2022	
	Construction Start	November 1, 2022	
	Construction Stop	May 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 2,252	<u>Avg. Bill</u> \$ 41.21 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Jessamine	\$ 414,500.00	
	Total	\$ 414,500.00	
Notes:			

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT	Reviewer	Milward Dedman
	CPBOC Date	April 19, 2022
	KIA Grant Number	21CWW104
	WRIS Number	WX21115019

GRANTEE	PAINTSVILLE UTILITIES COMMISSION JOHNSON COUNTY
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BRIEF DESCRIPTION
Paintsville Utilities currently supplies water to the existing Sugar Grove Water Storage Tank and approximately 650 customers in Northwestern Johnson County, as well as the communities of Blaine and Martha, located in Lawrence County. Water to this area is supplied from the existing Turner Branch Ground Storage Tank and pressure is then increased at the nearby Sugar Grove Booster Pump Station (BPS). The Sugar Grove BPS is an aging underground station that has reached the end of its life cycle and in need of replacement. An existing 6-Inch line carries water from the Turner Branch Tank and ties into an 8-Inch water line at the intersection of US 23 and KY 201, creating low suction pressure at the Sugar Grove BPS. This project will replace approximately 4,000 feet of 6-Inch water main with a 10-Inch SDR 17 PVC water main between Turner Branch Tank and US 23/KY 201. In addition, a new above-

PROJECT FINANCING		PROJECT BUDGET			
			RD Fee %	Actual %	
CWP - Water Grant - 21CWW104	\$814,877	Administrative Expenses			\$30,000
Other Funding	145,123	Legal Expenses			10,000
		Land, Easements			10,000
		Planning			57,000
		Eng - Design / Const	9.4%	8.9%	65,000
		Eng - Insp	6.3%	6.0%	44,000
		Eng - Other			15,000
		Construction			662,000
		Contingency			67,000
TOTAL	\$960,000	TOTAL			\$960,000

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> 8,321	\$	<u>Avg. Bill</u> 31.71 (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	Johnson	\$	814,877.00	
		Total	\$	814,877.00

Notes:

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW105
CLEANER WATER PROGRAM GRANT		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. The improvements at FTTP include: demolish existing mixer in Rapid Mix No. 2 and install new mixer; demolish existing horizontal flocculators and associated concrete columns and redwood baffles in Basins 1 & 4 and install new vertical hyperbolic flocculators, concrete columns, and fiberglass baffles; install new bridges/walkways in Basins 1 & 4 to			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 21CWW105	\$1,000,000	RD Fee %	Actual %
KIA SRF Fund F Loan (DW)	8,000,000	Administrative Expenses	\$10,000
Local Funding	1,800,000	Eng - Design / Const	6.3% 3.6% 376,328
		Eng - Insp	3.0% 0.3% 35,000
		Construction	9,784,000
		Contingency	594,672
TOTAL	\$10,800,000	TOTAL	\$10,800,000
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	Kenton	\$ 1,000,000.00	
	Total	\$ 1,000,000.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW224
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21125031
GRANTEE	CORBIN CITY UTILITIES COMMISSION LAUREL COUNTY		
BRIEF DESCRIPTION			
Removal of existing interior and exterior tank coating, tank repairs (pit welding/filling) re-painting, and miscellaneous tank improvements (replace vent cover, access hatch, new fall prevention cables and shields, hand-rails, etc.)			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW224	\$110,988	Eng - Design / Const	10.7% 6.4% 23,000
	-	Eng - Insp	7.9% 6.4% 23,000
	-	Construction	325,000
	-	Contingency	32,000
TOTAL	\$403,000	TOTAL	\$403,000
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> 6,546	<u>Avg. Bill</u> \$ 12.55 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Laurel	\$ 110,988.00	
	Total	\$ 110,988.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW225
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21125028
GRANTEE	EAST LAUREL WATER DISTRICT LAUREL COUNTY		
BRIEF DESCRIPTION			
Project consist of 1,000 LF of 16" D.I. waterline, 29,000 LF of 6" PVC waterline, a pump station upgrade, new pump station, 2 master meter stations, 100,000 gallon elevated water storage tank and 30 customers reconnects. If funds remain at the completion of the project, a 3" PVC waterline will be installed up Hodge Road (Alternate 1), meter reconnects and branch line tie-ins will be converted to the 16" waterline on E KY 80 to abandon the existing 6" waterline (Alternate 2), and/or replacing approximately 1,100 LF of 12" D.I. waterline with 16" D.I. waterline near North Laurel High School (Alternate 3).			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW225	\$448,640	Legal Expenses	21,200
Loan	2,470,760	Land, Easements	20,000
		Eng - Design / Const	7.4% 7.9% 197,500
		Eng - Insp	4.3% 4.2% 105,100
		Eng - Other	42,000
		Construction	2,285,100
		Contingency	228,500
		Other	20,000
TOTAL	\$2,919,400	TOTAL	\$2,919,400
PROFESSIONAL SERVICES	Engineer	Kenvirons, Inc.	
PROJECT SCHEDULE	Bid Opening	June 1, 2022	
	Construction Start	September 1, 2022	
	Construction Stop	May 1, 2023	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	5,546	\$ 37.95 (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	Laurel	\$ 448,640.00	
	Total	\$ 448,640.00	
Notes:			

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

Reviewer Milward Dedman
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW226
 WRIS Number WX21125026

GRANTEE LAUREL COUNTY WATER DISTRICT #2
 LAUREL COUNTY

BRIEF DESCRIPTION

The proposed work includes a full scale rehabilitation of the District's existing Aisin Water Storage Tank located in the Lily community. The rehabilitation will include various structural and other repairs, safety improvements, along with the complete removal and replacement of all interior and exterior coatings. Given the tanks close proximity to a large manufacturing facility and parking lots, full containment of the structure will be required in order to protect the surrounding property from damage.

PROJECT FINANCING		PROJECT BUDGET		
		RD Fee %	Actual %	
CWP - Water Grant - 21CWW226	\$530,000			
		Eng - Design / Const	10.5%	9.8%
		Eng - Insp	7.8%	7.3%
		Eng - Other		
		Construction		
		Contingency		
TOTAL	\$530,000	TOTAL		\$530,000

PROFESSIONAL SERVICES Engineer Monarch Engineering, Incorporated

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

RESIDENTIAL RATES Current Users 6,251 Avg. Bill \$ 32.58 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Laurel	\$ 453,032.00	
	Total	\$ 453,032.00	

Notes:

EXECUTIVE SUMMARY		Reviewer	Milward Dedman
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW227
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21125034
GRANTEE	WOOD CREEK WATER DISTRICT LAUREL COUNTY		
BRIEF DESCRIPTION			
Relocate approximately 1,760 linear feet of 20" DR-18 C900 waterline.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW227	\$428,450	Legal Expenses	10,000
		Eng - Design / Const	10.8% 8.2% 30,350
		Eng - Insp	8.2% 5.4% 20,000
		Construction	338,100
		Contingency	30,000
TOTAL	<u>\$428,450</u>	TOTAL	<u>\$428,450</u>
PROFESSIONAL SERVICES	Engineer	Kenvirons, Inc.	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 5,307	<u>Avg. Bill</u> \$ 36.77 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Laurel	\$ 428,452.00	
	Total	\$ 428,452.00	
Notes:			

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT		Reviewer CPBOC Date KIA Grant Number WRIS Number	Alex Fisher April 19, 2022 21CWW108 WX21133054
GRANTEE	LETCHER COUNTY WATER & SEWER DISTRICT LETCHER COUNTY		
BRIEF DESCRIPTION The proposed project will provide a first time source of potable water for approximately 200 households in Letcher County through the establishment of a regional interconnect with the City of Cumberland and the construction of distribution lines along the KY HWY 119 corridor in Letcher County. Residents of Collier's Creek and Lewis Branch will be served as part of this project. The project will also lay the foundation from which distribution can be expanded through the remainder of the Cumberland River area in subsequent Phases III, II and I. The project will be installed primarily on state and county rights of way and will utilize trenchless technology to accomplish any and all stream crossings. In addition to the water lines the project will involve the construction of a 100,000 ground storage tank and a 250 gpm pump station. The distribution lines portion of the project has been reviewed and approved by KYDOW. Construction will include 13,753 LF of 6" PVC, 10,385 LF of 4" PVC, and 16,157 LF of 3" PVC for a total of 40,295 LF of new waterline extension. The project will also construct a 100,000 storage tank, a 250 GPM Pump Station, six flushing hydrants, six blow off valves, sixteen 6" Gate Valve, six 4" Gate Valves, four 3" Gate Valves, three air release valves, one pressure Stabilizing valve, and a master meter. The project also includes telemetry. Trenchless/low-impact technology will be utilized be used for bores and when applicable.			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 21CWW108	\$696,570	Administrative Expenses	\$40,000
Fund F21-010	2,446,034	Legal Expenses	35,000
LGEDF #290	750,000	Land, Easements	25,000
ARC	500,000	Eng - Design / Const	6.9% 5.9% 227,100
		Eng - Insp	3.7% 3.2% 124,434
		Eng - Other	90,000
		Construction	3,564,898
		Contingency	286,172
TOTAL	\$4,392,604	TOTAL	\$4,392,604
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	April 1, 2022	
	Construction Start	June 1, 2022	
	Construction Stop	June 30, 2023	
RESIDENTIAL RATES		Users	Avg. Bill
	Current	3,032	\$ 43.66 (for 4,000 gallons)
	Additional	200	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Letcher	\$ 696,570.00	
	Total	\$ 696,570.00	
Notes:			
Fund F21-010		\$ 2,446,034.00	
LGEDF #290		\$ 750,000.00	
ARC		\$ 500,000.00	
	Total	\$ 4,392,604.00	

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT		Reviewer CPBOC Date KIA Grant Number WRIS Number	Alex Fisher April 19, 2022 21CWW112 WX21137055
GRANTEE	HUSTONVILLE, CITY OF LINCOLN COUNTY		
BRIEF DESCRIPTION			
Hustonville's water system has old type water meters (i.e. mechanical) that are well beyond their anticipated service life. Conservative estimates are that 40% of them are not working, and that the remaining 60% are inaccurate and creating significant under-billing for water used. The proposed project is to replace approximately 2,000 water meters, and install new meters and radio transmitters to correctly measure the water use, and accurately bill water use by each customer. The Hustonville water storage tank in Moreland is a glass-lined ground tank that was built in 1992. An inspection done in 2019 noted that seam sealant has deteriorated, and exposed steel is rusting in the interior of the tank. The man way and roof plates are also rusted severely, and are in dire need of repairs and/or replacement for both operational and safety reasons. The proposed repairs are to bring the tank back to a condition of operational stability and safety.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW112	300,000	Eng - Design / Const	9.3% 15.7%
Other	586,000	Construction	
		Contingency	
TOTAL	<u>\$886,000</u>	TOTAL	<u>\$886,000</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	May 1, 2023	
	Construction Start	June 1, 2023	
	Construction Stop	June 1, 2024	
RESIDENTIAL RATES	Current	<u>Users</u> 1,911	<u>Avg. Bill</u> \$ 28.75 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Lincoln	\$ 300,000.00	
	Total	\$ 300,000.00	
Notes:			
Other		\$ 586,000.00	
	Total	\$ 886,000.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW113
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21137056
GRANTEE	STANFORD WATER COMMISSION LINCOLN COUNTY		
BRIEF DESCRIPTION			
This project includes the installation of approximately 3550 +/- L.F. of 6" SDR-17 PVC waterline to replace the existing 4" SDR-21 PVC outdated/problematic waterline. The project will also include installation of 2300 +/- L.F. of 6" SDR-17 PVC waterline extension on Hicks Lane as well as the installation of 1000 +/- L.F. of 6" SDR-17 PVC waterline extension on Patrick Road.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW113	300,000	Eng - Design / Const	11.6% 10.8% 28,000
Other	35,000	Eng - Insp	9.5% 8.9% 23,000
		Eng - Other	25,000
		Construction	236,100
		Contingency	22,900
TOTAL	<u>\$335,000</u>	TOTAL	<u>\$335,000</u>
PROFESSIONAL SERVICES	Engineer	Kenvirons, Inc.	
PROJECT SCHEDULE	Bid Opening	January 1, 2023	
	Construction Start	March 1, 2023	
	Construction Stop	April 1, 2023	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	3,315	\$ 21.86 (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	Lincoln	\$ 300,000.00	
	Total	\$ 300,000.00	
Notes:			
Other		\$ 35,000.00	
	Total	\$ 335,000.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW115
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21141062
GRANTEE	ADAIRVILLE, CITY OF LOGAN COUNTY		
BRIEF DESCRIPTION			
Install 8 water valves to better control the water flow, replace approximately 4,966' of 6-inch water main, 570' of 4-inch water main, 1,352' of 3-inch water main, 60' of 6-inch water main in bore under state highway, and water service connection to 6" main across state highway. Additionally, replace all aging/outdated water meters with new automatic read meters (450 total).			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW115	\$103,480	Administrative Expenses	\$25,000
Other	846,270	Legal Expenses	16,000
		Eng - Insp	6.1% 6.4% 50,000
		Eng - Other	80,000
		Construction	740,750
		Contingency	38,000
TOTAL	\$949,750	TOTAL	\$949,750
PROFESSIONAL SERVICES	Engineer	Water Management Services, LLC	
PROJECT SCHEDULE	Bid Opening	May 1, 2022	
	Construction Start	June 1, 2022	
	Construction Stop	June 1, 2023	
RESIDENTIAL RATES	Current	Users 377	Avg. Bill \$ 43.00 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Logan	\$ 103,480.00	
	Total	\$ 103,480.00	
Notes:			
Other		\$ 846,270.00	
	Total	\$ 949,750.00	

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT		Reviewer CPBOC Date KIA Grant Number WRIS Number	Alex Fisher April 19, 2022 21CWW116 WX21141069
GRANTEE	AUBURN, CITY OF LOGAN COUNTY		
BRIEF DESCRIPTION			
This proposed project includes replacing nearly 2,000 LF of old 2" galvanized & 6" cast iron pipelines presently serving approximately 50 customers. Additionally, the proposed placement will allow for the replacement of dilapidated sidewalks along the pipeline route.			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 21CWW116	\$111,040	RD Fee %	Actual %
Other	281,460	Administrative Expenses	\$500
		Legal Expenses	1,000
		Eng - Design / Const	11.0% 10.0% 35,400
		Eng - Insp	8.4% 0.7% 2,500
		Construction	318,700
		Contingency	34,400
TOTAL	\$392,500	TOTAL	\$392,500
PROFESSIONAL SERVICES	Engineer	McGhee Engineering, Inc.	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	Users 739	Avg. Bill \$ 45.23 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Logan	\$ 111,040.00	
	Total	\$ 111,040.00	
Notes:			
Other		\$ 281,460.00	
	Total	\$ 392,500.00	

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT		Reviewer CPBOC Date KIA Grant Number WRIS Number	Alex Fisher April 19, 2022 21CWW117 WX21141074
GRANTEE	RUSSELLVILLE, CITY OF LOGAN COUNTY		
BRIEF DESCRIPTION			
The City of Russellville is actively exploring funding for waterline replacements and upgrades for problem plagued sections of their water system. This proposed project includes replacing nearly 3,900 LF of old galvanized, AC and/or cast iron pipelines presently serving nearly 30 customers. The upgraded waterline sections will also provide improved fire protection for the affected area. The total cost of the proposed project is estimated to be \$560,000, and the work is expected to take 90 days to complete.			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 21CWW117	\$111,040	Administrative Expenses	\$500
Other	448,960	Legal Expenses	500
		Eng - Design / Const	10.3% 7.5% 37,000
		Eng - Insp	7.5% 6.3% 31,000
		Construction	447,050
		Contingency	43,950
TOTAL	\$560,000	TOTAL	\$560,000
PROFESSIONAL SERVICES	Engineer	McGhee Engineering, Inc.	
PROJECT SCHEDULE	Bid Opening	November 1, 2021	
	Construction Start	January 1, 2022	
	Construction Stop	April 1, 2022	
RESIDENTIAL RATES	Current	Users 3,503	Avg. Bill \$ 47.61 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Logan	\$ 111,040.00	
	Total	\$ 111,040.00	
Notes:			
Other		\$ 448,960.00	
	Total	\$ 560,000.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW118
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21141082
GRANTEE	EAST LOGAN WATER DISTRICT LOGAN COUNTY		
BRIEF DESCRIPTION			
<p>The proposed project involves replacement of all meters, setters, boxes and service tubing within one of their SCADA zone areas near the intersection of KY Highway 79 and the Russellville Bypass. This area is commonly called the 'KY Highway 79 Master Meter Area'. This zone consists of approximately 180 active meter sets with many being some of the original customers from the District's formation. The District's operators have identified aging and leaking service tubing to be a significant source to the District's water loss issue, which measured at 25.3% in 2020. This initial meter replacement project has an estimated cost of \$295,000, and it is expected to take 3 months to complete.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW118	\$144,375	Administrative Expenses	\$500
Other	150,625	Eng - Other	10,000
		Construction	259,200
		Contingency	25,300
TOTAL	<u>\$295,000</u>	TOTAL	<u>\$295,000</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 180	<u>Avg. Bill</u> \$ 42.23 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Logan	\$ 144,375.00	
	Total	\$ 144,375.00	
Notes:			
Other		\$ 150,625.00	
	Total	\$ 295,000.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW119
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21219044
GRANTEE	LOGAN-TODD REGIONAL WATER COMMISSION LOGAN COUNTY		
BRIEF DESCRIPTION			
The project will address and replace about 4,472 LF of finished waterline piping in the northern loop around Russellville. The existing lines have deteriorated due to corrosive soil conditions in the area. This section of the pipeline needs to be replaced to maintain good service to Logan County customers.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW119	\$261,040	Administrative Expenses	\$1,000
Other	238,960	Legal Expenses	1,000
		Eng - Design / Const	10.5% 13.7% 60,000
		Construction	400,000
		Contingency	38,000
TOTAL	\$500,000	TOTAL	\$500,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 27,432	<u>Avg. Bill</u> \$ 49.89 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Logan	\$ 261,040.00	
	Total	\$ 261,040.00	
Notes:			
Other		\$ 238,960.00	
	Total	\$ 500,000.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW121
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21141080
GRANTEE	TODD COUNTY WATER DISTRICT LOGAN COUNTY		
BRIEF DESCRIPTION			
<p>This project would enhance the district's ability to read meters remotely and effectively monitor all of their water meters in Logan County by installing cellular endpoints. This will allow all meters to be monitored on a daily basis and allow for much earlier awareness and repair of leaks or other adverse events, which is ultimately beneficial for the District and the customer. These enhancements will also give all customers access to an iCloud portal that lets them self-monitor consumption in real time. The labor would be performed by current utility staff. The current radio read units are near end of life (installed 2009).</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW121	144,374	Planning	30,000
Other	52,482	Construction	148,960
		Contingency	17,896
TOTAL	\$196,856	TOTAL	\$196,856
PROFESSIONAL SERVICES	Engineer	McGhee Engineering, Inc.	
PROJECT SCHEDULE	Bid Opening	January 1, 2023	
	Construction Start	February 1, 2023	
	Construction Stop	August 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 3,646	<u>Avg. Bill</u> \$ 44.20 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Logan	\$ 144,374.00	
	Total	\$ 144,374.00	
Notes:			
Other		\$ 52,482.00	
	Total	\$ 196,856.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW123
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21145090
GRANTEE	PADUCAH WATER WORKS MCCRACKEN COUNTY		
BRIEF DESCRIPTION			
<p>In recent years, the Midtown area of Paducah has experienced significant growth and reinvestment, and this project will continue this trend. The Midtown Area Water Main Replacement project consists of the replacement of approximately 30,000 l.f. of 6 inch and 8 inch water main in the Midtown area of Paducah. These mains were installed in the late 1800s and early 1900s and have a history of main breaks, water quality complaints and low hydraulic conveyance due to tuberculation. This project will also replace water mains that are critical to the daily operation of the Baptist Health medical complex. Further, it is likely that many customers are served by lead service lines that will be replaced by the project. Streets included in this project include 21st, Jefferson, Madison, Monroe, and Broadway, generally from Fountain Avenue (a.k.a 17th Street) to North 32nd Street. PW will install the C900 PVC water main utilizing both open-cut and horizontal drill installation methods. All valves, hydrants, meters and service lines will be replaced as part of this project. This project has been identified in PW's 2019 Capital Improvements Plan (combined projects #15, 18, 19, 20, 21) as approved by PW's Board on December 4, 2019.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW123	\$1,201,272	Administrative Expenses	\$1,000
Other	3,688,837	Legal Expenses	1,000
		Land, Easements	4,000
		Eng - Design / Const	6.8% 9.1% 406,509
		Eng - Insp	3.6% 0.1% 6,328
		Construction	4,471,272
TOTAL	\$4,890,109	TOTAL	\$4,890,109
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	Users 26,773	Avg. Bill \$ 21.62 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	McCracken	\$ 1,201,272.00	
	Total	\$ 1,201,272.00	
Notes:			
Other		\$ 3,688,837.00	
	Total	\$ 4,890,109.00	

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT		Reviewer CPBOC Date KIA Grant Number WRIS Number	Alex Fisher April 19, 2022 21CWW131 WX21151064
GRANTEE	MADISON COUNTY UTILITIES DISTRICT MADISON COUNTY		
BRIEF DESCRIPTION			
<p>This project includes replacement of 12,400 LF of 6 inch ductile iron water line with 8,100 LF of 8 inch and 4,300 LF of 6 inch PVC water line due to the aggressive acidic soil which has caused numerous leaks and water loss. The 8 inch PVC water line that is replacing a portion of the 6 inch ductile iron water line is being up-sized to increase the capacity of the new pump station which will pump to the proposed Waco Tank. The existing underground pump station will be replaced with an above ground pump station to eliminate possible confined space issues and increase the ability to provide maintenance to the proposed pump station. The proposed pump station will have premium efficient motors and variable frequency drives and will pump water to the existing College Hill Tank and the proposed Waco Tank. The Waco Tank will serve both the south eastern portion of the old Waco Water District and the north eastern portion of the old Kingston Terrill Water District which is currently being served by water from Richmond and going through five elevated water storage tanks. With this changed both of the tanks will be served by a master meter between the Water Treatment Plant and the city of Richmond. This project will also rehabilitate and repaint the existing College Hill Tank.</p>			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 21CWW131	\$608,105	RD Fee %	Actual %
Other	1,942,395	Administrative Expenses	\$35,000
		Legal Expenses	8,000
		Land, Easements	30,000
		Planning	10,000
		Eng - Design / Const	7.6% 6.9% 151,232
		Eng - Insp	4.5% 4.2% 91,054
		Eng - Other	17,000
		Construction	1,996,600
		Contingency	196,614
		Other	15,000
TOTAL	<u>\$2,550,500</u>	TOTAL	<u>\$2,550,500</u>
PROFESSIONAL SERVICES	Engineer	Haworth, Meyer & Boleyn, Inc.	
PROJECT SCHEDULE	Bid Opening	January 20, 2023	
	Construction Start	March 29, 2023	
	Construction Stop	December 6, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 11,400	<u>Avg. Bill</u> \$ 32.06 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Madison	\$ 608,105.00	
	Total	\$ 608,105.00	
Notes:			
Other		\$ 1,942,395.00	
	Total	\$ 2,550,500.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW132
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21151068
GRANTEE	SOUTHERN MADISON WATER DISTRICT MADISON COUNTY		
BRIEF DESCRIPTION			
This project includes the purchase of 3,000 new Automatic Meter Reading (AMR) water meters for the Southern Madison Water District. The District has already replaced approximately 2,600 of their manual read meters to AMR water meters.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW132	\$34,674	Administrative Expenses	\$1,000
Other	935,326	Legal Expenses	8,500
		Eng - Design / Const	9.2% 8.5% 70,000
		Eng - Insp	6.0% 5.6% 46,500
		Eng - Other	20,000
		Construction	749,000
		Contingency	75,000
TOTAL	<u>\$970,000</u>	TOTAL	<u>\$970,000</u>
PROFESSIONAL SERVICES	Engineer	Kenvirons, Inc.	
PROJECT SCHEDULE	Bid Opening	September 1, 2022	
	Construction Start	October 1, 2022	
	Construction Stop	June 30, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 5,879	<u>Avg. Bill</u> \$ 46.38 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Madison	\$ 34,674.00	
	Total	\$ 34,674.00	
Notes:			
Other		\$ 935,326.00	
	Total	\$ 970,000.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW134
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21151070
GRANTEE	SOUTHERN MADISON WATER DISTRICT MADISON COUNTY		
BRIEF DESCRIPTION			
This project includes the purchase and installation of 6 new SCADA units, installed on each of the 3 water tanks and 3 pump stations in the system.			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 21CWW134	\$19,720	RD Fee %	Actual %
Other	170,280	Administrative Expenses	\$1,000
		Legal Expenses	5,600
		Eng - Design / Const	13.4% 12.4% 16,400
		Eng - Insp	12.2% 11.4% 15,000
		Eng - Other	20,000
		Construction	120,000
		Contingency	12,000
TOTAL	\$190,000	TOTAL	\$190,000
PROFESSIONAL SERVICES	Engineer	Kenvirons, Inc.	
PROJECT SCHEDULE	Bid Opening	August 1, 2022	
	Construction Start	September 1, 2022	
	Construction Stop	December 31, 2022	
RESIDENTIAL RATES	Current	Users	Avg. Bill
		5,879	\$ 46.38 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Madison	\$ 19,720.00	
	Total	\$ 19,720.00	
Notes:			
Other		\$ 170,280.00	
	Total	\$ 190,000.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW135
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21153029
GRANTEE	MAGOFFIN COUNTY WATER DISTRICT MAGOFFIN COUNTY		
BRIEF DESCRIPTION			
This is a waterline extension project to serve unserved areas in Magoffin County. The project will install approximately 19,000 LF of 3" and 20,000 LF of 4" waterline and its appurtenances to provide water service to approximately 55 households along KY 542, KY 1502, and Jake Fork. A pneumatic pump station along KY 1502 will be installed to maintain adequate pressure for customers. This project will also include approximately 6,000 LF of 3" PVC waterline and appurtenance to serve 10 households along KY-378.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW135	\$311,625	Administrative Expenses	\$9,000
Other	1,633,375	Legal Expenses	5,000
		Land, Easements	1,500
		Planning	15,000
		Eng - Design / Const	8.0% 7.4% 127,300
		Eng - Insp	4.9% 4.6% 78,400
		Construction	1,554,000
		Contingency	154,800
TOTAL	\$1,945,000	TOTAL	\$1,945,000
PROFESSIONAL SERVICES	Engineer	Kenvirons, Inc.	
PROJECT SCHEDULE	Bid Opening	TBA	
	Construction Start	TBA	
	Construction Stop	TBA	
RESIDENTIAL RATES	Current	Users	Avg. Bill
	Additional	3,412	\$ 37.19 (for 4,000 gallons)
		65	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Magoffin	\$ 311,625.00	
	Total	\$ 311,625.00	
Notes:			
Other		\$ 1,633,375.00	
	Total	\$ 1,945,000.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW137
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21155047
GRANTEE	LEBANON WATER WORKS COMPANY INC MARION COUNTY		
BRIEF DESCRIPTION			
The proposed project will add a new flow meter to the raw water intake system to be able to better monitor flow from both the Rolling Fork River and Fagan Branch Reservoir (during periods of low or high flow in the river). Currently flow is only measured with a single meter at the treatment plant. When source waters are blended, it is difficult to accurately monitor permitted volumes from the river and accurately track source water quality.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW137	\$83,524	Administrative Expenses	\$5,000
Other	16,476	Legal Expenses	5,000
		Eng - Design / Const	14.3% 5.9% 5,000
		Construction	85,000
TOTAL	\$100,000	TOTAL	\$100,000
PROFESSIONAL SERVICES	Engineer	TBA	
PROJECT SCHEDULE	Bid Opening	TBA	
	Construction Start	TBA	
	Construction Stop	TBA	
RESIDENTIAL RATES	Current	Users 2,699	Avg. Bill \$ 25.26 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Marion	\$ 83,524.00	
	Total	\$ 83,524.00	
Notes:			
Other		\$ 16,476.00	
	Total	\$ 100,000.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW138
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21155048
GRANTEE	LEBANON WATER WORKS COMPANY INC MARION COUNTY		
BRIEF DESCRIPTION			
The proposed project will replace 9 existing pneumatic actuators and valves in the treatment plant with electric units. The existing pneumatic system requires an excessive amount of monitoring and maintenance while providing a limited amount of operator control. Valve leaks result in the untimely draining of filters and results in challenging conditions for operators to control water quality. The electric actuators and valves will be much easier for operational control and will boost efficiency and reliability, resulting in better water quality.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW138	\$247,029	Administrative Expenses	\$2,000
Other	52,971	Legal Expenses	5,000
		Eng - Design / Const	11.4% 3.5% 10,000
		Construction	283,000
TOTAL	<u>\$300,000</u>	TOTAL	<u>\$300,000</u>
PROFESSIONAL SERVICES	Engineer	TBA	
PROJECT SCHEDULE	Bid Opening	TBA	
	Construction Start	TBA	
	Construction Stop	TBA	
RESIDENTIAL RATES	Current	<u>Users</u> 2,699	<u>Avg. Bill</u> \$ 25.26 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Marion	\$ 247,029.00	
	Total	\$ 247,029.00	
Notes:			
Other		\$ 52,971.00	
	Total	\$ 300,000.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW139
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21155050
GRANTEE	LEBANON WATER WORKS COMPANY INC MARION COUNTY		
BRIEF DESCRIPTION			
<p>The proposed project will add an in-line turbidity measurement unit to the raw water intake system, connected to SCADA, to allow real-time monitoring of raw water quality. The Rolling Fork River provides high quality raw water during normal conditions; however, during rain events turbidity can vary significantly. Lebanon Water Works has instituted many advancements in monitoring water quality of raw water, this additional component would allow much greater monitoring by operators in a real-time scenario and alert staff of water quality changes as they occur instead of waiting on parameter measurements on a 4 hour basis.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW139	\$7,078	Administrative Expenses	\$500
Other	1,922	Legal Expenses	500
		Construction	8,000
TOTAL	\$9,000	TOTAL	\$9,000
PROFESSIONAL SERVICES	Engineer	TBA	
PROJECT SCHEDULE	Bid Opening	TBA	
	Construction Start	TBA	
	Construction Stop	TBA	
RESIDENTIAL RATES	Current	<u>Users</u> 2,699	<u>Avg. Bill</u> \$ 25.26 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Marion	\$ 7,078.00	
	Total	\$ 7,078.00	
Notes:			
Other		\$ 1,922.00	
	Total	\$ 9,000.00	

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT		Reviewer CPBOC Date KIA Grant Number WRIS Number	Alex Fisher April 19, 2022 21CWW140 WX21155051
GRANTEE	MARION COUNTY WATER DISTRICT MARION COUNTY		
BRIEF DESCRIPTION			
The proposed project will include the installation of approximately 6,600 LF of 4-inch water mains along KY Highway 337 near the Gravel Switch community. The proposed main will replace roughly 4,000 LF of existing and undersized 3-inch mains. Additionally, a new control valve and master meter vault will be included to help improve water quality and loss detection in the service area.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW140	\$276,050	Administrative Expenses	\$2,500
Other	58,950	Legal Expenses	2,500
		Eng - Design / Const	11.4% 10.3% 29,500
		Eng - Insp	9.0% 4.5% 12,950
		Eng - Other	1,500
		Construction	250,000
		Contingency	36,050
TOTAL	\$335,000	TOTAL	\$335,000
PROFESSIONAL SERVICES	Engineer	TBA	
PROJECT SCHEDULE	Bid Opening	TBA	
	Construction Start	TBA	
	Construction Stop	TBA	
RESIDENTIAL RATES	Current	Users 6,082	Avg. Bill \$ 32.57 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Marion	\$ 276,050.00	
	Total	\$ 276,050.00	
Notes:			
Other		\$ 58,950.00	
	Total	\$ 335,000.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW141
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21155052
GRANTEE	MARION COUNTY WATER DISTRICT MARION COUNTY		
BRIEF DESCRIPTION			
The proposed project will include new piping and control valve arrangement at the existing 218,000 gallon Riley Ground storage tank. The modifications will allow the tank to fill from the overflow elevation (top) and empty from a ground level elevation. This will greatly improve tank turnover and reduce disinfection byproducts.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW141	\$94,140	Administrative Expenses	\$500
Other	20,860	Legal Expenses	500
		Eng - Design / Const	14.0% 5.1% 5,200
		Eng - Insp	13.0% 5.2% 5,300
		Eng - Other	1,500
		Construction	77,860
		Contingency	24,140
TOTAL	\$115,000	TOTAL	\$115,000
PROFESSIONAL SERVICES	Engineer	TBA	
PROJECT SCHEDULE	Bid Opening	TBA	
	Construction Start	TBA	
	Construction Stop	TBA	
RESIDENTIAL RATES	Current	Users 6,082	Avg. Bill \$ 32.57 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Marion	\$ 94,140.00	
	Total	\$ 94,140.00	
Notes:			
Other		\$ 20,860.00	
	Total	\$ 115,000.00	

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT		Reviewer CPBOC Date KIA Grant Number WRIS Number	Alex Fisher April 19, 2022 21CWW142 WX21159014
GRANTEE	MARTIN COUNTY WATER DISTRICT MARTIN COUNTY		
BRIEF DESCRIPTION			
WX21159009 Water System Controls and Raw Modifications project did not have enough funding. This project is to address unfinished portions of the previously mentioned project. 1) Replacement of Treatment Unit No. 2's Sludge Collector Drive, 2) An additional 20-Foot Section of the 10-inch DR 11 HDPE 4710 Pipe and an additional 20-Foot Section of 12" DR11 HDPE Pipe, 3) Paving of the Access Road at the Raw Water Intake Site, 4) Replacement of Carbon Steel Tube Settler Supports with 304/304L Stainless Steel Supports, 5) 60-Foot and 20-Foot Sections of 10-inch DR11 HDPE 4710 Flanged Pipe, 6) Replacement of the roof over the chemical storage area, 7) A second Pump Trailer, 8) Water Treatment Plant Backup Generator and 9) Various Unit Price items, 10) The project will replace existing main lines, service lines, meters valves, and hydrants in an area that has been a perpetual source of leaks and breaks for the MCWD. The project will replace approximately 14,500 LF of mainline, 114 meters, associated service line, and appurtenances.			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 21CWW142	\$411,148	RD Fee %	Actual %
Other	2,563,852	Administrative Expenses	\$72,000
		Legal Expenses	5,000
		Planning	5,000
		Eng - Design / Const	7.4% 2.9% 75,429
		Eng - Insp	4.3% 5.1% 131,763
		Construction	2,333,296
		Contingency	235,000
		Other	117,512
TOTAL	\$2,975,000	TOTAL	\$2,975,000
PROFESSIONAL SERVICES	Engineer	Bell Engineering	
PROJECT SCHEDULE	Bid Opening	August 15, 2022	
	Construction Start	October 15, 2022	
	Construction Stop	October 15, 2023	
RESIDENTIAL RATES	Current	Users 3,528	Avg. Bill \$ 50.18 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Martin	\$ 411,148.00	
	Total	\$ 411,148.00	
Notes:			
Other		\$ 2,563,852.00	
	Total	\$ 2,975,000.00	

EXECUTIVE SUMMARY		Reviewer	Alex Fisher
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW143
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21161047
GRANTEE	WESTERN LEWIS-RECTORVILLE WATER & GAS DISTRICT MASON COUNTY		
BRIEF DESCRIPTION			
This project provides the Planning and Design for WX21161022, which is a construction project for a new 300,000 gallon elevated water storage tank on property already owned by the Western Lewis Rectorville Water and Gas District that is adjacent to their former office building and warehouse in order to meet growing demand and facilitate more efficient distribution system operation. This project will also eliminate a 100,000 gallon tank in Orangeburg. DOW approval will be obtained so that additional funding can be obtained for the construction.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW143	\$150,000	Administrative Expenses	\$5,000
		Legal Expenses	12,000
		Land, Easements	5,000
		Planning	10,000
		Eng - Design / Const	69,000
		Eng - Other	49,000
TOTAL	\$150,000	TOTAL	\$150,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 2,269	<u>Avg. Bill</u> \$ 42.38 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Mason	\$ 150,000.00	
	Total	\$ 150,000.00	
Notes:			
	Total	\$ 150,000.00	

EXECUTIVE SUMMARY		Reviewer	Don Schierer
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW124
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21147032
GRANTEE	MCCREARY COUNTY WATER DISTRICT MCCREARY COUNTY		
BRIEF DESCRIPTION			
This project will add a dry, powdered activated carbon feed system at both water treatment plants (A and B).			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW124	\$380,750	Administrative Expenses	\$10,000
		Legal Expenses	2,000
		Planning	5,000
		Eng - Design / Const	11.1% 10.2% 33,750
		Construction	300,000
		Contingency	30,000
TOTAL	\$380,750	TOTAL	\$380,750
PROFESSIONAL SERVICES	Engineer	Eclipse Engineers, PLLC	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 5,997	<u>Avg. Bill</u> \$ 36.56 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	McCreary	\$ 380,750.00	
	Total	\$ 380,750.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Don Schierer
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW125
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21149068
GRANTEE	CALHOUN, CITY OF MCLEAN COUNTY		
BRIEF DESCRIPTION			
The Calhoun tank is in need of repair, repainting and cleaning in order to satisfy requirements by the Kentucky Division of Water. The tank is needing to be cleaned inside and out. This tank feeds all customers to Calhoun and the McLean County Regional Water Commission cannot distribute without this tank.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW125	\$100,000	Administrative Expenses	\$10,725
Local ARPA Grant Funds	146,675	Legal Expenses	-
	-	Land, Easements	-
	-	Relocation Expense & Payments	-
		Planning	-
		Eng - Design / Const	#DIV/0! 21.2% 39,500
		Eng - Insp	#DIV/0! 5.4% 10,000
	-	Eng - Other	-
	-	Construction	165,000
	-	Equipment	-
	-	Contingency	21,450
		Other	-
TOTAL	\$246,675	TOTAL	\$246,675
PROFESSIONAL SERVICES	Engineer		0
PROJECT SCHEDULE	Bid Opening	October 1, 2021	
	Construction Start	November 1, 2021	
	Construction Stop	February 1, 2022	
RESIDENTIAL RATES	Current	<u>Users</u> 424	<u>Avg. Bill</u> \$ 52.52 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	McLean	\$ 100,000.00	
	Total	\$ 100,000.00	
Notes:			

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

Reviewer Don Schierer
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW126
 WRIS Number WX21149043

GRANTEE LIVERMORE, CITY OF
 MCLEAN COUNTY

BRIEF DESCRIPTION

the meters in the City of Livermore are rapidly deteriorating. at present the meters are miscalculating bills and are a source of countless lost man-hours in reading and maintenance. This project will buy the necessary software and radio read meters for the entire system

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW126	\$100,000	Administrative Expenses			\$6,000
Other	171,500	Legal Expenses			-
	-	Equipment			265,500
TOTAL	\$271,500	TOTAL			\$271,500

PROFESSIONAL SERVICES Engineer 0

PROJECT SCHEDULE Bid Opening June 1, 2022
 Construction Start July 1, 2022
 Construction Stop August 1, 2022

RESIDENTIAL RATES Current Users 550 \$ Avg. Bill 40.91 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	McLean	\$ 100,000.00		
	Total	\$ 100,000.00		

Notes:

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

Reviewer Don Schierer
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW128
 WRIS Number WX21149071

GRANTEE MCLEAN COUNTY FISCAL COURT
 MCLEAN COUNTY

BRIEF DESCRIPTION

Because of the high water loss, we believe the loss is that the meter and is not reading correct. Beech Grove Water Association would like to replace all the high water usage meter with ultrasonic to capture all usage. The meter specifics are: 35 - ultrasonic 1 " meter 142.20 Each, 8 - 3/4" ultrasonic meter 121.00 each, 2 - 2" ultrasonic meter 1313.85 each, 2 - 3" ultrasonic zone meter 5073.71, 1 - 6" ultrasonic zone meter

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW128	\$20,000	Administrative Expenses			\$0
Local	20	Legal Expenses			-
	-	Construction			20,020
TOTAL	\$20,020	TOTAL			\$20,020

PROFESSIONAL SERVICES Engineer 0

PROJECT SCHEDULE
 Bid Opening October 1, 2022
 Construction Start November 1, 2022
 Construction Stop February 1, 2023

RESIDENTIAL RATES
 Current Users 590 Avg. Bill \$ 28.30 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	McLean	\$ 20,000.00		
	Total	\$ 20,000.00		

Notes:

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

Reviewer Don Schierer
 CPBOC Date April 19, 2022
 KIA Grant Number 21CWW129
 WRIS Number WX21149070

GRANTEE MCLEAN COUNTY REGIONAL WATER COMMISSION
 MCLEAN COUNTY

BRIEF DESCRIPTION

This project will replace the existing Pressure Reducing Valve in the Rumsey vault utilized by the McLean County Regional Water plant. This project will also include a check valve and new meter.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW129	\$20,000	Administrative Expenses			\$0
		Construction			20,000
TOTAL	\$20,000	TOTAL			\$20,000

PROFESSIONAL SERVICES Engineer Bell Engineering

PROJECT SCHEDULE Bid Opening TBD
 Construction Start TBD
 Construction Stop TBD

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	McLean	\$ 20,000.00		
	Total	\$ 20,000.00		

Notes:

EXECUTIVE SUMMARY		Reviewer	Don Schierer
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW145
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21165028
GRANTEE	CAVE RUN WATER COMMISSION MENIFEE COUNTY		
BRIEF DESCRIPTION This proposed project would replace 6 Geo XH 2005 master meters that are maintained and operated by the Cave Run Water Commission. This proposed project would take place across multiple locations throughout the system. The meters replacement would effect not only Cave Run Water Commission but other systems through out the region, multiple systems purchase water from the Cave Run. The master meters to be replaced are as follows: -Big Woods (City of Frenchburg) -Tarr Ridge (City of Frenchburg) -McCausey Ridge (City of Frenchburg) -Craig Hill (City of Frenchburg) -Cave Run Master Meter (City of Jeffersonville) -Cave Run Meter (Morgan County Water District) This replacement all master meters will directly effect all of CRWC customers included indirect customers which purchase water from other utilities in the region. The replacement of CRWC master meters will reduce water loss and increase			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW145	\$39,000	Administrative Expenses	\$0
		Construction	39,000
TOTAL	\$39,000	TOTAL	\$39,000
PROFESSIONAL SERVICES	Engineer	0	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 0	<u>Avg. Bill</u> \$ 10.68 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Menifee	\$ 39,000.00	
	Total	\$ 39,000.00	
Notes:			

EXECUTIVE SUMMARY		Reviewer	Don Schierer
KENTUCKY INFRASTRUCTURE AUTHORITY		CPBOC Date	April 19, 2022
DRINKING WATER AND WASTEWATER GRANT PROGRAM		KIA Grant Number	21CWW156
CLEANER WATER PROGRAM GRANT		WRIS Number	WX21173048
GRANTEE	JEFFERSONVILLE, CITY OF MONTGOMERY COUNTY		
BRIEF DESCRIPTION The City of Jeffersonville Water System has a directly serviceable population of approximately 4,640, or 2,021 households, with serviced connections in both Menifee and Montgomery County. The City of Jeffersonville proposes to replace existing watermain. This project proposes to replace approximately 10,000 LF of existing watermain located on Kentucky Highway 1050 in Jeffersonville Kentucky. The existing 3 inch aging watermain located on Kentucky Highway 1050 would be replaced with 6" PVC. The proposed project is located on KY HWY 1050 branching south off of US460 and continuing until KY HWY 1050 branches with Lower Spruce Road. The project location is southeast of the City of Jeffersonville, in Montgomery County, KY. The 3 inch watermain located on KY HWY 1050 is undersized resulting in low water pressure and quality. The City of Jeffersonville with this proposed projected will			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 21CWW156	\$271,825	Administrative Expenses	\$20,032
CDBG	241,713	Legal Expenses	6,010
		Planning	10,016
		Eng - Design / Const	#DIV/0! 10.9% 43,666
		Eng - Insp	#DIV/0! 8.3% 33,210
	-	Construction	364,204
	-	Contingency	36,400
TOTAL	<u>\$513,538</u>	TOTAL	<u>\$513,538</u>
PROFESSIONAL SERVICES	Engineer	Kentucky Engineering Group PLLC	
PROJECT SCHEDULE	Bid Opening	January 15, 2022	
	Construction Start	March 1, 2022	
	Construction Stop	July 1, 2022	
RESIDENTIAL RATES	Current	<u>Users</u> 2,069	<u>Avg. Bill</u> \$ 38.35 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Montgomery	\$ 129,262.00	
	Total	\$ 129,262.00	
Notes:			



CABINET FOR ECONOMIC DEVELOPMENT

Andy Beshear
Governor

Old Capitol Annex
300 West Broadway
Frankfort, Kentucky 40601

Larry Hayes
Interim Secretary

March 17, 2022

Holly M. Johnson, Secretary
Finance and Administration Cabinet
200 Mero Street, 5th Floor
Frankfort, KY 40622

RE: Economic Development Fund Grant - \$115,000 to Graves County Fiscal Court on behalf of the Graves County Economic Development, Inc.

Dear Secretary Johnson:


In accordance with KRS 154.12-100, this letter shall serve as notice of my recommendation for the use of \$115,000 in Economic Development Fund (EDF) funds for the purpose of making a grant to Graves County Fiscal Court on behalf of the Graves County Economic Development, Inc.

Graves County Fiscal Court in partnership with the Graves County Economic Development, Inc is seeking to build 150,000 square foot pre-graded pad on 16 acres in the Hickory Industrial Park, including truck drive access. Graves County Economic Development, Inc. has committed general funds to match the EDF grant. This project is a potential infrastructure project identified by an independent site selection consultant contracted by the Kentucky Association for Economic Development 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.

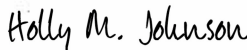
I respectfully request your concurrence in the funding of this project. If KEDFA approves this proposal, I would ask that you place this project on the next agenda of the State Property and Buildings Commission. Please feel free to contact me if you have any questions.

Sincerely,


Larry Hayes
Interim Secretary

AGREED TO AND APPROVED BY:

DocuSigned by:



3/21/2022

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Secretary, Finance and Administration Cabinet Date

cc: Jeff Taylor
Kristina Slattery
Katie Smith



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

Date: _____
Grantee: Graves County Fiscal Court
Beneficiary: Graves County Economic Development, Inc.
City: Hickory **County:** Graves
Activity: Manufacturing
Bus. Dev. Contact: C. Peek **OFS Staff:** M. Elder

Project Description: The Graves County Fiscal Court in partnership with the Graves County Economic Development, Inc. (GCED) is considering building a 150,000 square foot pre-graded pad on 16 acres in the Hickory Industrial Park, including truck drive access. This will also allow the construction of a pad for up to 200 parking spaces on 4.7 acres of adjacent land to the pad. GCED has committed funds to match the Economic Development Fund Grant.

This is a Product Development Initiative project recommended for approval under the EDF program. The project was identified by an independent site selection consultant contracted by the Kentucky Association for Economic Development as having the potential for future investment/location of an economic development project.

Anticipated Project Investment - Owned

Land
 Building/Improvements
 Equipment
 Other Start-up Costs
TOTAL

Total Investment	
\$230,000	
\$0	
\$0	
\$0	
\$230,000	

Anticipated Project Funding

Economic Development Fund Grant (State)
 Other
TOTAL

Amount	% of Total
\$115,000	50.0%
\$115,000	50.0%
\$230,000	100.0%

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: **\$115,000**

Recommendation:

Staff recommends approval of this 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 EDF grant is subject to CED's receipt of the Secretary of the Finance and Administration Cabinet's concurrence to CED's use of the EDF funds for this project.



CABINET FOR ECONOMIC DEVELOPMENT

Andy Beshear
Governor

Old Capitol Annex
300 West Broadway
Frankfort, Kentucky 40601

Larry Hayes
Interim Secretary

March 17, 2022

Holly M. Johnson, Secretary
Finance and Administration Cabinet
Room 383, Capitol Annex
Frankfort, KY 40601

RE: Economic Development Fund Grant - \$500,000 to the Shelby County Fiscal Court on behalf of Wieland North America Recycling, LLC

Dear Secretary Johnson:

In accordance with KRS 154.12-100, this letter shall serve as notice of my recommendation for the use of \$500,000 in Economic Development Fund (EDF) funds for the purpose of making a grant to the Shelby County Fiscal Court on behalf of Wieland North America Recycling, LLC.

Wieland North America Recycling, LLC is a subsidiary of Wieland North America, Inc., a leading manufacturer and converter of copper and copper-alloy sheet, strip, foil, tube and fabricated components in North America. The company will establish a new manufacturing facility in Shelbyville. The proposed EDF grant funds will be used to offset the capital investment costs associated with the project.

In consideration of this EDF grant, Wieland North America Recycling, LLC will be required to make investment and create new, full-time jobs for employees subject to Kentucky individual income tax (excluding contract or temporary employees) paying the following wages in Shelbyville in accordance with the following schedule:

Compliance Date	Full-time, Kentucky-Resident Jobs Required	Job Type	Average Wage Required	Average Wage Type
December 31, 2025	75	Create	\$30.00	Total Hourly Compensation (includes benefits)
December 31, 2026	125	Create	\$30.00	Total Hourly Compensation (includes benefits)
December 31, 2027	175	Create	\$30.00	Total Hourly Compensation (includes benefits)
December 31, 2028	225	Create	\$30.00	Total Hourly Compensation (includes benefits)

* Compliance periods will be annually and first compliance period may be accelerated. Subsequent compliance periods will be adjusted if acceleration occurs.

Secretary Holly M. Johnson
March 17, 2022
Page Two

Under the terms of the EDF grant agreement, disbursement of grant funds will occur after the annual compliance reporting has occurred. The amount of the disbursements will be based on the performance requirements achieved. If Wieland North America Recycling, LLC fails to create or maintain the job target as of each compliance date, then the amount of the grant payable after each compliance measurement date will be reduced by the sum of \$833 for each new, full-time job not created or maintained by the company at each of the four annual measurement dates. Furthermore, if Wieland North America Recycling, LLC fails to pay these new jobs the average hourly wage of \$30.00, including benefits, the amount of the grant payable after each compliance measurement date will be reduced by a pro rata portion of the EDF grant based on a formula to be outlined in the EDF grant agreement.

Any funds repaid to the Shelby County Fiscal Court by Wieland North America Recycling, LLC must be used for economic development purposes as approved by the Cabinet for Economic Development. In no event will the repayment of EDF grant proceeds exceed the EDF grant amount of \$500,000.

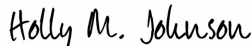
I respectfully request your concurrence in the funding of this project. If KEDFA approves this proposal, I would ask that you place this project on the next agenda of the State Property and Buildings Commission. Please feel free to contact me if you have any questions.

Sincerely,


Larry Hayes
Interim Secretary

AGREED TO AND APPROVED BY:

DocuSigned by:



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3/21/2022

Secretary, Finance and Administration Cabinet Date

cc: Jeff Taylor
 Kristina Slattery
 Katie Smith

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

Date: March 31, 2022
Grantee: Shelby County Fiscal Court
Beneficiary: Wieland North America Recycling, LLC
City: Shelbyville **County:** Shelby
Activity: Manufacturing
Bus. Dev. Contact: B. Cox **OFS Staff:** D. Phillips

Project Description: Wieland North America Recycling, LLC, a single member LLC of Wieland North America, Inc., is the leading manufacturer and converter of copper and copper-alloy sheet, strip, foil, tube and fabricated components in North America. The company is considering Shelbyville for the location of a new manufacturing facility.

Anticipated Project Investment - Owned

	Total Investment
Land	\$5,375,000
Building/Improvements	\$82,319,427
Equipment	\$162,305,573
Other Start-up Costs	
TOTAL	\$250,000,000

Anticipated Project Funding

	Amount	% of Total
Economic Development Fund Grant (State)	\$500,000	0.2%
Bank Loan		0.0%
Local Grant		0.0%
Company Equity		0.0%
Other - Local IRB thru Shelby Co. Fiscal Court	\$249,500,000	99.8%
TOTAL	\$250,000,000	100.0%

Job and Wage Requirement Table

Compliance Date	Kentucky-Resident Jobs Required	Job Type	Average Wage Required	Average Wage Type
12/31/2025	75	Create	\$30.00	Total Hourly Compensation (includes benefits)
12/31/2026	125	Create	\$30.00	Total Hourly Compensation (includes benefits)
12/31/2027	175	Create	\$30.00	Total Hourly Compensation (includes benefits)
12/31/2028	225	Create	\$30.00	Total Hourly Compensation (includes benefits)

* Compliance periods will be annually and first compliance period may be accelerated. Subsequent compliance periods will be adjusted if acceleration occurs.

Collateral Required: Not applicable - Grant is performance-based and disbursement will not occur until after annual compliance is confirmed.

Job Penalty Provision: \$833 per job not created or maintained

Wage Penalty Provision: pro rata portion of EDF grant based on a formula outlined in the EDF grant agreement

Disbursement:

Disbursement of grant funds may occur after each annual compliance period when requirements have been reviewed by the Cabinet. Funds will flow through the Grantee/local government entity to the Beneficiary/company.

12/31/2025	\$62,525
12/31/2026	\$104,175
12/31/2027	\$145,825
12/31/2028	\$187,475

RECOMMENDED ECONOMIC DEVELOPMENT FUND AMOUNT:

\$500,000

Ownership (20% or more):

Wieland North America, Inc. - Louisville, KY

Active State Participation at the Project Site:

<u>Date</u>	<u>Program</u>	<u>Status</u>	<u>Amount</u>
May 27, 2021	KBI	Approve-Prelim	\$6,000,000
May 27, 2021	KEIA	Approve-Final	\$750,000

Unemployment Rate:

County: 2.8%

Kentucky: 3.4%

Recommendation:

Staff recommends approval of this 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 EDF grant is subject to CED's receipt of the Secretary of the Finance and Administration Cabinet's concurrence to CED's use of the EDF funds for this project.



CABINET FOR ECONOMIC DEVELOPMENT

Andy Beshear
Governor

Old Capitol Annex
300 West Broadway
Frankfort, Kentucky 40601

Larry Hayes
Interim Secretary

March 24, 2022

Holly M. Johnson, Secretary
Finance and Administration Cabinet
200 Mero Street, 5th Floor
Frankfort, KY 40622

RE: Economic Development Fund Grant - \$500,000 on behalf of the Inter-Modal Transportation 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 \$500,000 in Economic Development Fund (EDF) funds for the purpose of making a grant to the City of Bowling Green on behalf of Inter-Modal Transportation Authority, Inc.

The City of Bowling Green in partnership with Inter-Modal Transportation Authority, Inc. is seeking to extend utilities to provide service to over 669 acres in the Kentucky Transpark. This project is a potential infrastructure project identified by an independent site selection consultant contracted by the Kentucky Association for Economic Development 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,

Larry Hayes
Interim Secretary

cc: Jeff Taylor
Kristina Slattery
Katie Smith

AGREED TO AND APPROVED BY:

DocuSigned by:

Holly M. Johnson

3/25/2022

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Secretary, Finance and Administration Cabinet

Date



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

Date: March 31, 2022
Grantee: City of Bowling Green
Beneficiary: Inter-Modal Transportation Authority, Inc.
City: Bowling Green **County:** Warren
Activity: Manufacturing
Bus. Dev. Contact: M. Jollie **OFS Staff:** K. McCane

Project Description: Inter-Modal Transportation Authority, Inc. (ITA) is seeking to extend utilities to provide service to over 669 acres in the Kentucky Transpark. The ITA Board of Directors have committed to match the funds.

This is a Product Development Initiative project recommended for approval under the EDF program. The project was identified by an independent site selection consultant contracted by the Kentucky Association for Economic Development as having the potential for future investment/location of an economic development project.

Anticipated Project Investment - Owned

Land
 Building/Improvements
 Equipment
 Other Start-up Costs

Total Investment	
	\$0
	\$1,000,000
	\$0
	\$0
TOTAL	\$1,000,000

Anticipated Project Funding

Economic Development Fund Grant (State)
 Other-Internal Financing

	Amount	% of Total
	\$500,000	50.0%
	\$500,000	50.0%
TOTAL	\$1,000,000	100.0%

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: **\$500,000**

Active State Participation at the Project Site: None

Recommendation:

Staff recommends approval of this 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 EDF grant is subject to CED's receipt of the Secretary of the Finance and Administration Cabinet's concurrence to CED's use of the EDF funds for this project.

NEW BOND ISSUE REPORT

BOND ISSUE

Name of Bond Issue: Kentucky Housing Corporation Multifamily Housing Revenue Bonds (Carl D Perkins), Series 2022

Purpose of Issue: The bonds will be used to finance the acquisition, construction and equipping of Carl D Perkins Apartments, a multifamily residential rental facility consisting of one hundred fifty (150) units, located at 200 Douglas Pkwy, Pikeville, KY 41501. The Kentucky Housing Corporation has conducted a public hearing by teleconference concerning the proposed project on April 7, 2022 following the delivery of notice to the public at least seven days prior to such hearing.

Name of Project: Carl D Perkins Apartments

Anticipated Date of Sale: June 15, 2022

Anticipated Date of Issuance: June 15, 2022

Anticipated Ratings: N/A (Private Placement)

Anticipated Net Proceeds: \$10,000,000

Cost of Issuance: See Exhibit A attached (costs of issuance paid from owner equity)

Bond Discount: \$0

Debt Service Reserve Fund: \$0, but a \$445,000 operating reserve will be funded from equity.

Insurance Premium: N/A

Total Project Cost: \$18,512,782

Terms of Issue: Net interest rate: 4.08%

Term: 17 years/35 year amortization

Average debt service: \$549,103

Gross debt service: \$9,334,751

First Call Date: 10 years

Premium at First Call: Defeasance

Method of Sale: Direct Placement (Freddie Mac TEL)

Bond Counsel: Stites & Harbison, PLLC

Underwriter Counsel: N/A

Financial Advisor: N/A

Underwriter: N/A

Trustee: Zions Bancorporation

Exhibit A

Project Funding Sources:

KHC Tax-Exempt Bonds	\$10,000,000
Tax Credit Equity	\$6,539,075
GP Contribution	\$100
Transferred Reserves	\$145,000
Income During Construction	\$637,065
Deferred Developer Fee	<u>\$1,191,642</u>
	\$18,512,782

Costs of Issuance:

KHC Tax-Exempt Bond Pre-Application Fee	\$1,000
KHC Tax-Exempt Bond Application Fee	\$3,500
KHC Tax-Exempt Bond Upfront Issuer Fee	\$60,000
KHC Tax-Exempt Bond Annual Issuer Fee	\$12,500
KHC Tax-Exempt Bond Counsel Fee	\$10,000
KHC Tax-Exempt Bond Administrative Fee	\$5,000
Bond Counsel	\$65,000
<u>Purchaser's Counsel</u>	<u>\$100,000</u>
	\$257,000

Heritage Housing, Inc.

Resume / Capabilities

David McCarthy founded Heritage Housing, Inc. (HHI) in March, 2017 to acquire and rehabilitate affordable housing in the Northeast US. David has partnered with J. Tomilson (Tom) Hill to finance the acquisitions business, combining affordable housing expertise with substantial financial capacity. David and Tom comprise the two members of Heritage Housing Holdings LLC, which is HHI's acquisitions affiliate. Below are their resumes and attached is a list of HHI's project experience.

David R. McCarthy, Managing Member

David R. McCarthy founded Heritage Housing, Inc. in 2017 and serves as its President. David has 15 years of experience in real estate development and acquisitions with a specialty in affordable housing. David developed or preserved over 1,500 units of affordable housing prior to founding Heritage Housing, Inc. and worked on projects that ranged from 10 to 400 units and from \$3 million to \$100 million. He is deeply familiar with 9% and 4% Low-Income Housing Tax Credits; tax-exempt bond financing; HUD Project-Based Section 8 programs and Section 236, Section 221(d)4, and Section 223(f) financing; public housing authority Project-Based Voucher and RAD programs; and HOME / state funding programs. He has worked on projects in Connecticut, New Jersey, Michigan, and West Virginia.

David was previously employed at Jonathan Rose Companies in Stamford, CT / New York, NY, a national developer and investor in affordable housing, for 8 years as a Senior Project Manager and Project Manager. Before that he worked at New Neighborhoods, Inc. in Stamford, CT, a not-for-profit Community Development Company, for 3 years as an Asset Management Associate.

J. Tomilson Hill, Member

J. Tomilson Hill retired in 2018 as the Chairman of Blackstone's Hedge Fund Solutions group, Vice Chairman of Blackstone and a member of the board of directors of its general partner, following a 25-year career at Blackstone. Under his leadership, Blackstone Alternative Asset Management (BAAM) grew from \$1 billion to over \$75 billion of funds under management. Mr. Hill currently works at Two Sigma Investments, a data-driven hedge fund and focuses on opportunities in real estate. Mr. Hill also recently launched the Hill Art Foundation, a private collection open to the public and located in the Chelsea neighborhood of Manhattan.

Heritage Housing, Inc.
Affordable Housing Experience

Project Name	City	State	Units	TDC	Project Type	Sponsor	Role	Status	HUD Involvement	PILOT	Financing
Current Projects											
Brookpark Place	Wheeling	WV	152	\$14,000,000	In Place Rehab	HHI	Owner	Under renovation	Section 8 MUTM & FHA Loan		4% LIHTC Tax-Exempt Bond FHA 221(d)4 Loan
Canaan Parish	New Canaan	CT	100	\$45,000,000	Demolish / New Construction	Housing Authority of New Canaan	Consultant	In construction	Section 8 MUTM	Yes	4% LIHTC Tax-Exempt Bond FHA 221(d)4 Loan
Hartford Preservation Portfolio	Hartford	CT	205	\$35,000,000	In Place Rehab	HHI	Owner	Expected 2020	Section 8 MUTM	Yes	4% LIHTC Tax-Exempt Bond CHFA Loan
Donora Towers	Donora	PA	104	\$13,000,000	In Place Rehab	HHI	Owner	Expected 2020	Section 8 MUTM		4% LIHTC Freddie Mac TEL
Potomac Heights	Keyser	WV	141	\$18,000,000	In Place Rehab	HHI	Owner	Under renovation	Section 8 MUTM		4% LIHTC Tax-Exempt Bond RD 538 Loan HOME Loan
West Virginia Preservation Portfolio	Parkersburg & Chapmanville	WV	219	\$22,000,000	In Place Rehab	HHI	Owner	Expected 2021	Section 8 MUTM		4% LIHTC Tax-Exempt Bond RD 538 Loan
Carl D. Perkins Apartments	Pikeville	KY	151	\$18,000,000	In Place Rehab	HHI	Owner	Expected 2021	Section 8 Assignment		4% LIHTC Tax-Exempt Bond FHA 223(f) Loan
Completed Projects											
Village Center	Detroit	MI	254	\$24,000,000	In Place Rehab	Jonathan Rose Companies	Consultant	Completed 2018	Section 8 MUTM	Yes	4% LIHTC MSHDA Loan
Burton Place	Burton	MI	200	\$23,000,000	In Place Rehab	Jonathan Rose Companies	Consultant	Completed 2018	Section 8 MUTM	Yes	4% LIHTC MSHDA Loan MSHDA Pres Loan HOME Loan
Millport Phase II	New Canaan	CT	40	\$13,000,000	Demolish / New Construction	Housing Authority of New Canaan	Consultant	Completed 2018	RAD Conversion	Yes	4% LIHTC Tax-Exempt Bond State of CT Funds Town Funds
Millport Phase I	New Canaan	CT	33	\$10,000,000	New Construction	Housing Authority of New Canaan	Consultant	Completed 2017	N/A	Yes	4% LIHTC Tax-Exempt Bond Town Funds
Prior Work Experience											
Metro Green Terrace	Stamford	CT	131	\$50,000,000	New Construction	Jonathan Rose Companies	Project Manager	Completed 2017	N/A		4% LIHTC Citi Back-to-Back Loan Citi Funds State of CT Funds

Squire Village	Manchester	CT	379	\$94,000,000	In Place Rehab	Jonathan Rose Companies	Project Manager	Completed 2016	Section 8 MUTM	Yes	4% LIHTC Tax-Exempt Bond Freddie Mac TEL
Metro Green Residences	Stamford	CT	50	\$24,000,000	New Construction	Jonathan Rose Companies	Project Manager	Completed 2012	N/A		9% LIHTC TCAP Funds Fannie Mae Loan
Chamberlain Heights	Meriden	CT	124	\$24,000,000	Phased Rehab	Meriden Housing Authority	Project Manager	Completed 2012	Section 8 PBV	Yes	9% LIHTC State of CT Funds CHFA Loan
Metro Green Apartments	Stamford	CT	50	\$20,000,000	New Construction	Jonathan Rose Companies	Project Manager	Completed 2009	N/A		9% LIHTC Fannie Mae Loan
Friendship House	Stamford	CT	121	\$24,000,000	In Place Rehab	New Neighborhoods	Asst. Project Mgr	Completed 2011	Section 8 MUTM		4% LIHTC CHFA Loan
Martin Luther King Apartments	Stamford	CT	88	\$11,000,000	In Place Rehab	New Neighborhoods	Asst. Project Mgr	Completed 2006	Section 8 MUTM	Yes	FHA 221(d)4 Loan
Totals			2,542	\$482,000,000							

PROJECTS IN DEVELOPMENT

CANAAN PARISH – NEW CANAAN, CT

Heritage Housing is working with the HANC and New Canaan Neighborhoods, Inc., a local non-profit, to redevelop Canaan Parish, a 60-unit Section 8 property in New Canaan, CT. The current buildings, constructed in 1978, would be demolished and replaced with new buildings and 40 new affordable housing units would be added to the site.

Role: Consultant to HANC / New Canaan Neighborhoods, Inc.

Project Type / Status: New Construction / under construction

Project Size: 100 units / \$40 million

Affordability: 100% affordable to 80% of State Median Income; 60% of units project-based Section 8

Financing: 4% LIHTCs, Tax-Exempt Bond, FHA 221(d)4 Loan, Town of New Canaan funds.



BROOKPARK PLACE - WHEELING, WV

Heritage Housing acquired Brookpark Place, a 152-unit senior affordable housing property built in 1975 and located in a quiet residential neighborhood of Wheeling, WV, in November, 2018. It closed on LIHTC and tax-exempt bond financing in July, 2019 to preserve the long-term affordability of 100 units and complete a rehabilitation that will replace several key building systems.

Role: Developer

Project Type / Status: Acquisition and Rehabilitation / under construction

Project Size: 152 units / \$14.5 million

Affordability: 66% affordable to 60% of Area Median Income; 20% of units project-based Section 8.

Financing: 4% LIHTCs, Tax-Exempt Bond, and FHA 221(d)4 financing.



HARTFORD PRESERVATION PORTFOLIO – HARTFORD, CT

Heritage Housing is acquiring five Section 8 properties located in Hartford, CT and preserving / rehabilitating them in a single LIHTC redevelopment project. Heritage Housing will complete an average of \$65,000 per unit of rehabilitation and extend affordability for 30 additional years. One of the properties, Barbour Gardens, lost its Section 8 assistance and was vacated by HUD due to its degraded condition. The LIHTC redevelopment will enable HHI to restore all five properties to excellent condition.

Role: Developer

Project Type / Status: Acquisition and Rehabilitation / construction start expected in December, 2020

Project Size: 204 units / \$35 million

Affordability: 83% project-based Section 8

Financing: 4% Low-Income Housing Tax Credits, CHFA Tax-Exempt Bond financing, and Historic Tax Credits



POTOMAC HEIGHTS – KEYSER, WV

Heritage Housing acquired Potomac Heights, a 141-unit senior and family affordable housing property built in 1982 in Keyser, WV. We plan to preserve the long-term affordability and complete a moderate rehabilitation.

Role: Developer

Project Type / Status: Acquisition and Rehabilitation / under construction

Project Size: 141 units / \$18 million

Affordability: 100% affordable to 60% of Area Median Income; 100% of units project-based Section 8

Financing: 4% Low-Income Housing Tax Credits, Tax-Exempt Bond financing, WVHDF RD 538 loan, WVHDF HOME loan



DONORA TOWERS – DONORA, PA

Heritage Housing acquired Donora Towers, a 103-unit senior affordable housing property built in 1979 in Donora, PA. We plan to preserve the long-term affordability and complete a moderate rehabilitation, which will include creating a 2,000 square foot space for the Donora Senior Center.



Role: Developer

Project Type / Status: Acquisition and Rehabilitation / acquisition completed September, 2019 and construction start expected November, 2020

Project Size: 104 units / \$13 million

Affordability: 100% affordable to 60% of Area Median Income; 99% of units project-based Section 8

Financing: 4% Low-Income Housing Tax Credits, Freddie Mac TEL financing

MOUNTAIN STATE PORTFOLIO – PARKERSBURG AND CHAPMANVILLE, WV

Heritage Housing is under contract to purchase two senior affordable housing communities in Parkersburg, WV and Chapmanville, WV from the same seller. Heritage Housing is working with the WVHDF to arrange a single LIHTC renovation for the two properties as a portfolio bond issuance in 2021.

Role: Developer

Project Type / Status: Acquisition and Rehabilitation / acquisition of Parkland Place completed in July, 2020 and construction start expected in 2021

Project Size: 221 units / \$22 million

Affordability: 100% affordable to 60% of Area Median Income; 99% of units project-based Section 8

Financing: 4% Low-Income Housing Tax Credits, Tax-Exempt Bond, FHA 221(d)4 financing (Parkland Place), WVHDF RD 538 loan (Chapmanville Towers)



CARL D. PERKINS APARTMENTS – PIKEVILLE, KY

Heritage Housing is under contract to purchase Carl D. Perkins Apartments, a 151-unit senior affordable housing community in Pikeville, KY, a small city in rural eastern Kentucky. Heritage Housing will acquire the property with short-term financing in the Fall of 2020 and line up LIHTC renovation financing in 2021.



Role: Developer

Project Type / Status: Acquisition and Rehabilitation / acquisition expected November, 2020 and construction start expected in 2021

Project Size: 151 units / \$18 million

Affordability: 100% affordable to 60% of Area Median Income; 99% of units project-based Section 8

Financing: 4% Low-Income Housing Tax Credits, Tax-Exempt Bond, FHA 221(d)4 financing

COMPLETED PROJECTS

MILLPORT PHASE I - NEW CANAAN, CT

Millport Phase I is located in a quiet residential area of New Canaan a half-mile from its lively downtown, which includes grocery stores, banks, pharmacies, a post office, a library, and many other daily conveniences. There is a pond and park across the street and an elementary school, fields and playground one block away.

Role: Consultant to the Housing Authority of the Town of New Canaan (HANC)

Project Type / Status: New Construction / Completed 2016

Project Size: 33 units / \$10.5 million

Affordability: 100% affordable to 80% of State Median Income

Financing: 4% LIHTCs to People's United Bank, Tax-Exempt Bond financing from Bankwell, Town of New Canaan funding



MILLPORT PHASE II - NEW CANAAN, CT

Built adjacent to Millport Phase I, Millport Phase II completes the redevelopment of the HANC's portfolio of affordable housing and incorporates a RAD conversion and demolition/replacement of an 18-unit public housing development.

Role: Consultant to HANC

Project Type / Status: New Construction / Completed 2018

Project Size: 40 units / \$13.2 million

Affordability: 55% affordable to 80% of State Median Income;
45% affordable to 60% of State Median Income and project-based Section 8 (RAD)

Financing: 4% LIHTCs to People's United Bank, Tax-Exempt Bond financing from Bankwell, RAD Conversion, State of CT FLEX funding, Town of New Canaan funding.





BURTON PLACE - BURTON, MI

Heritage Housing managed predevelopment of a \$23,000 per unit rehab and recapitalization of Burton Place, which was built in 1978 and provides affordable housing to seniors in a suburb of Flint, MI. The redevelopment includes a refinancing of existing MSHDA debt with new MSHDA debt and 4% LIHTCs.

Role: Consultant to Jonathan Rose Companies

Project Type / Status: Acquisition and Rehabilitation / Closed 2018

Project Size: 200 units / \$22.9 million

Affordability: 100% affordable to 60% of Area Median Income and project-based Section 8.

Financing: 4% LIHTCs to PNC Bank, Tax-Exempt Bonds financed by MSHDA

VILLAGE CENTER - DETROIT, MI

Heritage Housing managed predevelopment of a \$33,000 per unit rehab and recapitalization of Village Center, which was built in 1983 and provides affordable housing to families and seniors in the New Center neighborhood of Detroit. The redevelopment includes MSHDA debt and 4% LIHTCs and will incorporate enhanced community facilities and a new community center.

Role: Consultant to Jonathan Rose Companies

Project Type / Status: Acquisition and Rehabilitation / Closed 2018

Project Size: 254 units / \$24.6 million

Affordability: 100% affordable to 60% of Area Median Income and project-based Section 8.

Financing: 4% LIHTCs to PNC Bank, Tax-Exempt Bonds financed by MSHDA.



NEW BOND ISSUE REPORT*

NEW BOND ISSUE

Name of Bond Issue: Kentucky Housing Corporation Multifamily Revenue Bonds (Eclipse in Russell Project), Series 2022

Purpose of Issue: The Bonds will be used to finance the acquisition, rehabilitation, construction and equipping of a multifamily residential rental project containing approximately 280 units, located on multiple parcels at 2929 Magazine Street, Louisville, Kentucky 40211 (the "Project") to be owned by The Bouvier, LP, a Kentucky limited partnership or its successors and assigns (the "Borrower"). The Kentucky Housing Corporation has conducted a public hearing concerning the proposed project on February 23, 2022, following the delivery of notice to the public on February 16, 2022 in *The State Journal* and in *The Courier Journal*. The Bonds, if approved, will be the sole obligations of the Borrower.

Name of Project: The Eclipse in Russell Project

Date of Sale: Summer 2022

Date of Issuance: Summer 2022

Anticipated Ratings: Private Placement - Ratings not currently anticipated

Anticipated Net Proceeds: \$43,000,000

Cost of Issuance: See Exhibit A attached

Bond Discount: \$0

Debt Service Reserve Fund: \$0 but a \$1,081,005 estimated operating reserve will be funded from equity.

Insurance Premium: N/A

Total Project Cost: \$73,741,688

Terms of Issue: Anticipated net interest rate: 4.05%
Anticipated term: 40 years
Anticipated average debt service: \$1,742,550 (anticipated annual principal and interest debt service on permanent mortgage loan)
Anticipated gross debt service: \$69,702,000

First Call Date: TBD

Premium at First Call: No premium

Method of Sale: Private Placement

Bond Counsel: Frost Brown Todd LLC

Purchaser's Counsel: Sidley Austin LLP and Norris George & Ostrow PLLC

Bond Purchaser: Citibank, N.A.

Trustee: TBD

* All amounts are preliminary estimates (as of 03/28/22) and subject to change.

Exhibit A*

Project Funding Sources:

Total Tax-Exempt Bond Issuance	\$43,000,000
Tax-Exempt Bridge Bond Redemption	(\$8,512,000)
Deferred Developer Fee	\$7,611,497
LIHTC Anticipated Net Syndication Proceeds (4%)	30,497,910
Related Party Loan	<u>1,144,281</u>
Total	<u>\$73,741,688</u>

Costs of Issuance:

Origination Fee	\$747,100
KHC Counsel	\$32,250
KHC Financing Fee (Upfront Issuer Fee)	\$215,000
KHC Application Fees, Reservation Fee, Other Expenses	\$367,891
KHC Admin Fee	\$5,000
Bond Counsel	\$75,000
Trustee Counsel	\$8,000
Syndicator Counsel	\$55,000
Borrowers Counsel	\$40,000
Trustee Fee	\$7,000
Rating Agency	\$0
TEFRA/Publication/Print	\$5,000
Cost of Issuance Contingency	<u>\$0</u>
Total:	<u>\$1,557,241</u>

*** All amounts are preliminary estimates (as of 03/28/22) and subject to change.**

Everyone Deserves a Quality Place to Live.

Kentucky Fact Sheet

WE ARE DRIVEN

LDG Development was founded based on our belief that everyone deserves a quality place to live. That is why, for more than 25 years, we have worked to develop close to 20,000 units of high-quality affordable housing for thousands of hardworking families and active seniors across the country, including almost 2,500 units right here in KY. From the first responders who are the front lines of keeping our communities safe; to the service workers who have sacrificed income for service, we make sure that those who help our community run have a place they are proud to call home. By building desirable, welcoming housing, we are doing more than just giving families a great place to live. We are helping communities thrive.



WE BEGIN WITH THE END IN MIND

We understand that the needs of each city are different. That is why we partner with local leaders and organizations that meet the needs of the community and reflect those characteristics that make it a special place.

Because we have our own architectural and design firm, as well as a construction management team, you will have a single point of contact throughout the development and construction stages. Ultimately, this "one stop" experience can lead to significant cost and time savings.

WE ARE BUSTING THE MYTHS THAT SURROUND AFFORDABLE HOUSING

To start, we never cut corners. Instead, we go above and beyond design and maintenance standards to ensure our communities stay gorgeous and our residents have a place they are proud to call home.



LDG
DEVELOPMENT

WE ARE BUSTING THE MYTHS THAT SURROUND AFFORDABLE HOUSING

At LDG, we are in it for the long haul. That means we view every development as an opportunity to make an investment in a community that we will be a part of for decades to come. This approach ensures that our properties will be maintained to look as beautiful as the day they were built.

What's more, our onsite local teams all have a direct line to LDG senior leaders, ensuring decisions can be made quickly and with the needs of the local community in mind and are empowered to make decisions that are driven by our "residents first" philosophy.

WE IMPROVE LIVES

Because our hard-working residents live busy lives, we go out of our way to support them by offering a variety of residents-first support services.

This includes a partnership with the state's largest healthcare system to provide weekly onsite medical services to all residents regardless of their health insurance status. These services range from routine primary care services focused on prevention and wellness; to more complex patient care typically performed at a physician's office. Residents can also receive assistance enrolling in Medicaid or other federal or state sponsored programs—all without leaving their home!



HIGH-QUALITY, AFFORDABLE HOUSING ISN'T THE ONLY WAY WE GIVE BACK

We believe in the power of education and its ability to change the trajectory in our residents' lives. This guiding philosophy is reflected in a partnership with the National Association of Housing and Redevelopment Officials that is designed to provide scholarships to students living in public housing. Through a \$1 million scholarship fund, students receive up to \$6,000 annually for four years that can be used to pay tuition and other expenses associated with obtaining a college degree. The foundation also supports dozens of local community groups focused on helping some of the nation's most vulnerable and at-risk populations.

To help ensure students living in our communities have the support they need to succeed academically, we are piloting an initiative with a local non-profit focused on improving academic outcomes for underserved populations that is designed to boost reading scores for elementary and middle school students.

WHEN YOU'RE GOOD AT WHAT YOU DO, PEOPLE NOTICE

In addition to our scholarship fund, we are also proud to have been selected for the following awards:

- **#2** Best Places to Work in Louisville (2021)
- **#1** Developer of Affordable Housing (2020, 2019)
- **#2** Developer of Affordable Housing (2018)
- **#1** Developer of Affordable Housing (2017)
- **#20** Top 25 Builder (2019)
- **#18** Top 50 Developer (2019)

www.ldgdevelopment.com



LDG
DEVELOPMENT

KENTUCKY OFFICE

1469 South Fourth Street
Louisville, KY 40208
(502) 638-0534

GEORGIA OFFICE

510 Plaza Drive
College Park, GA 30349

TENNESSEE OFFICE

414 Union Street, Suite 1900
Nashville, TN, 37219

TEXAS OFFICE

6300 LaCalma Drive, Suite 520
Austin, TX 78752





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

ANDY BESHEAR

Governor

MS. HOLLY M. JOHNSON

Secretary

HEATHER OVERBY

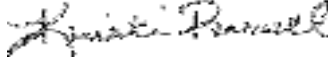
Chairman

CHELSEY COUCH

Executive Director

MEMORANDUM

TO: Ryan Barrow
Office of Financial Management

FROM: Kristi Russell, SFCC 

DATE: March 29, 2022

SUBJECT: Capital Projects and Bond Oversight Committee (CPBO)

The following information is submitted for consideration by CPBO at their next meeting tentatively scheduled for April 14, 2022:

Caldwell County- \$7,965,000 estimated – Renovations to the elementary school. State estimated annual debt service is \$49,557 and local is \$535,887. No tax increase is necessary to finance this project

Owen County- \$3,070,000 estimated – HVAC upgrades. State estimated annual debt service is \$8,556 and local is \$192,357. No tax increase is necessary to finance this project

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





March 25, 2022

Ms. Chelsey Couch
Schools Facilities Construction Commission
700 Louisville Rd
Carriage House
Frankfort, KY

Re: Reporting of Bond Issuance Costs to the Capital Projects and Bond Oversight
Committee ("Bond Oversight Committee")

Dear Ms. Couch:

Enclosed please find a Bond Payee Disclosure form for the following bond issue:

\$7,965,000 (est.)
Caldwell County
School District Finance Corporation
School Building Revenue Bonds,
Series 2022

Please be advised that the enclosed costs are estimated. Actual costs will not be known until the bonds are sold. Please be advised that no tax increases are necessary to support this financing.

We hereby request that the above bond issue be considered by the Bond Oversight Committee at its next meeting.

If you need any additional information, please do not hesitate to call me at 502.588.1829.

Sincerely,

/s/ Alex Perdue

Alex Perdue
Public Finance

BOND PAYEE DISCLOSURE FORM

Par Amount:	\$7,965,000
Issue Name:	Caldwell County School District Finance Corporation School Building Revenue Bonds, Series 2022
Purpose:	HVAC and safety renovations to Caldwell County Elementary School
Projected Sale Date of Bonds:	May/June 2022
First Call Date:	TBD
Method of Sale:	Competitive
Place/Time of Sale:	TBD
Bond Rating:	Expected "A1" Enhanced - Moody's
Bond Counsel:	Rubin & Hays
Fiscal Agent:	Baird

Date Received by SFCC:

/	/
---	---

To be filled in by SFCC

Date Scheduled for Committee Review:

/	/
---	---

To be filled in by SFCC

	SFCC Portion	Local Portion	Total
Estimated par amount of Bonds:	\$728,347	\$7,236,653	\$7,965,000
% Share of total Bonds:	9%	91%	100%
Estimated average annual debt service:	49,557	535,887	585,444
Estimated debt service reserve:	-	-	-
Estimated Costs of Issuance (1):			
Fiscal Agent, Bond Counsel, Advertisements, Printing, etc.	\$4,102	\$40,758	\$44,860
Special Tax Counsel	-	-	-
Number Verifications	-	-	-
Bond Rating	1,692	16,808	18,500
Underwriter's Discount	14,567	144,733	159,300
Paying Agent/Escrow Agent Bank	366	3,634	4,000
Total Cost of Issuance:	\$20,727	\$205,933	\$226,660

Anticipated Interest Rates:

5 Years: 2.330%	10 Years: 2.830%
15 Years: 3.240%	20 Years: 3.510%

TABLE OF CONTENTS

Caldwell County Public Schools
Elementary School BG-1 Numbers
Rates as of 3.24.22
Assumes A1 Enh. Rating

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Bond Solution	7

SOURCES AND USES OF FUNDS

Caldwell County Public Schools
 Elementary School BG-1 Numbers
 Rates as of 3.24.22
 Assumes A1 Enh. Rating

Dated Date 05/15/2022
 Delivery Date 05/15/2022

Sources:	SFCC	District	Total
Bond Proceeds:			
Par Amount	728,347.00	7,236,653.00	7,965,000.00
Other Sources of Funds:			
SFCC Cash Requirements- Building Fund (Prior)		312.00	312.00
SFCC Cash Requirements- Building Fund (Current)		287,090.00	287,090.00
General Fund Cash Contribution		250,000.00	250,000.00
		<u>537,402.00</u>	<u>537,402.00</u>
	<u>728,347.00</u>	<u>7,774,055.00</u>	<u>8,502,402.00</u>
<hr/>			
Uses:	SFCC	District	Total
Project Fund Deposits:			
Total Construction Cost	660,293.66	6,339,706.34	7,000,000.00
Construction Contingency	32,005.20	317,994.80	350,000.00
Architect/Engineer Fee	45,207.35	449,167.65	494,375.00
Equipment/Furnishings	22,860.86	227,139.14	250,000.00
Equipment/Computers	9,144.34	90,855.66	100,000.00
Site Survey	320.05	3,179.95	3,500.00
Geotechnical Investigations	320.05	3,179.95	3,500.00
Special Inspections	2,286.09	22,713.91	25,000.00
Commissioning	1,828.87	18,171.13	20,000.00
Advertising	91.44	908.56	1,000.00
Printing	2,286.09	22,713.91	25,000.00
	<u>776,644.00</u>	<u>7,495,731.00</u>	<u>8,272,375.00</u>
Cost of Issuance:			
FA/Bond Counsel	4,102.15	40,757.85	44,860.00
Rating Fee	1,691.70	16,808.30	18,500.00
Paying Agent	365.77	3,634.23	4,000.00
	<u>6,159.62</u>	<u>61,200.38</u>	<u>67,360.00</u>
Underwriter's Discount:			
Underwriter's Discount	14,566.94	144,733.06	159,300.00
Other Uses of Funds:			
Additional Proceeds	-69,023.56	72,390.56	3,367.00
	<u>728,347.00</u>	<u>7,774,055.00</u>	<u>8,502,402.00</u>

BOND DEBT SERVICE

Caldwell County Public Schools
 Elementary School BG-1 Numbers
 Rates as of 3.24.22
 Assumes A1 Enh. Rating

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
11/01/2022			114,942.08	114,942.08	
05/01/2023	210,000	1.860%	124,636.00	334,636.00	
06/30/2023					449,578.08
11/01/2023			122,683.00	122,683.00	
05/01/2024	195,000	2.070%	122,683.00	317,683.00	
06/30/2024					440,366.00
11/01/2024			120,664.75	120,664.75	
05/01/2025	200,000	2.220%	120,664.75	320,664.75	
06/30/2025					441,329.50
11/01/2025			118,444.75	118,444.75	
05/01/2026	205,000	2.330%	118,444.75	323,444.75	
06/30/2026					441,889.50
11/01/2026			116,056.50	116,056.50	
05/01/2027	210,000	2.410%	116,056.50	326,056.50	
06/30/2027					442,113.00
11/01/2027			113,526.00	113,526.00	
05/01/2028	210,000	2.530%	113,526.00	323,526.00	
06/30/2028					437,052.00
11/01/2028			110,869.50	110,869.50	
05/01/2029	215,000	2.590%	110,869.50	325,869.50	
06/30/2029					436,739.00
11/01/2029			108,085.25	108,085.25	
05/01/2030	225,000	2.670%	108,085.25	333,085.25	
06/30/2030					441,170.50
11/01/2030			105,081.50	105,081.50	
05/01/2031	230,000	2.730%	105,081.50	335,081.50	
06/30/2031					440,163.00
11/01/2031			101,942.00	101,942.00	
05/01/2032	215,000	2.830%	101,942.00	316,942.00	
06/30/2032					418,884.00
11/01/2032			98,899.75	98,899.75	
05/01/2033	220,000	2.960%	98,899.75	318,899.75	
06/30/2033					417,799.50
11/01/2033			95,643.75	95,643.75	
05/01/2034	225,000	3.040%	95,643.75	320,643.75	
06/30/2034					416,287.50
11/01/2034			92,223.75	92,223.75	
05/01/2035	235,000	3.170%	92,223.75	327,223.75	
06/30/2035					419,447.50
11/01/2035			88,499.00	88,499.00	
05/01/2036	245,000	3.240%	88,499.00	333,499.00	
06/30/2036					421,998.00
11/01/2036			84,530.00	84,530.00	
05/01/2037	250,000	3.290%	84,530.00	334,530.00	
06/30/2037					419,060.00
11/01/2037			80,417.50	80,417.50	
05/01/2038	260,000	3.330%	80,417.50	340,417.50	
06/30/2038					420,835.00
11/01/2038			76,088.50	76,088.50	
05/01/2039	1,050,000	3.380%	76,088.50	1,126,088.50	
06/30/2039					1,202,177.00
11/01/2039			58,343.50	58,343.50	
05/01/2040	1,085,000	3.420%	58,343.50	1,143,343.50	
06/30/2040					1,201,687.00
11/01/2040			39,790.00	39,790.00	
05/01/2041	1,120,000	3.470%	39,790.00	1,159,790.00	
06/30/2041					1,199,580.00
11/01/2041			20,358.00	20,358.00	
05/01/2042	1,160,000	3.510%	20,358.00	1,180,358.00	
06/30/2042					1,200,716.00
	7,965,000		3,743,872.08	11,708,872.08	11,708,872.08

BOND DEBT SERVICE

Caldwell County School District
 Bonding Capacity
 SFCC Portion

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
11/01/2022			9,835.13	9,835.13	
05/01/2023	29,057	1.860%	10,664.60	39,721.60	
06/30/2023					49,556.73
11/01/2023			10,394.37	10,394.37	
05/01/2024	28,768	2.070%	10,394.37	39,162.37	
06/30/2024					49,556.74
11/01/2024			10,096.63	10,096.63	
05/01/2025	29,362	2.220%	10,096.63	39,458.63	
06/30/2025					49,555.26
11/01/2025			9,770.71	9,770.71	
05/01/2026	30,015	2.330%	9,770.71	39,785.71	
06/30/2026					49,556.42
11/01/2026			9,421.03	9,421.03	
05/01/2027	30,714	2.410%	9,421.03	40,135.03	
06/30/2027					49,556.06
11/01/2027			9,050.93	9,050.93	
05/01/2028	31,455	2.530%	9,050.93	40,505.93	
06/30/2028					49,556.86
11/01/2028			8,653.02	8,653.02	
05/01/2029	32,251	2.590%	8,653.02	40,904.02	
06/30/2029					49,557.04
11/01/2029			8,235.37	8,235.37	
05/01/2030	33,086	2.670%	8,235.37	41,321.37	
06/30/2030					49,556.74
11/01/2030			7,793.67	7,793.67	
05/01/2031	33,969	2.730%	7,793.67	41,762.67	
06/30/2031					49,556.34
11/01/2031			7,330.00	7,330.00	
05/01/2032	34,897	2.830%	7,330.00	42,227.00	
06/30/2032					49,557.00
11/01/2032			6,836.20	6,836.20	
05/01/2033	35,883	2.960%	6,836.20	42,719.20	
06/30/2033					49,555.40
11/01/2033			6,305.14	6,305.14	
05/01/2034	36,946	3.040%	6,305.14	43,251.14	
06/30/2034					49,556.28
11/01/2034			5,743.56	5,743.56	
05/01/2035	38,071	3.170%	5,743.56	43,814.56	
06/30/2035					49,558.12
11/01/2035			5,140.13	5,140.13	
05/01/2036	39,277	3.240%	5,140.13	44,417.13	
06/30/2036					49,557.26
11/01/2036			4,503.84	4,503.84	
05/01/2037	40,548	3.290%	4,503.84	45,051.84	
06/30/2037					49,555.68
11/01/2037			3,836.83	3,836.83	
05/01/2038	41,883	3.330%	3,836.83	45,719.83	
06/30/2038					49,556.66
11/01/2038			3,139.48	3,139.48	
05/01/2039	43,278	3.380%	3,139.48	46,417.48	
06/30/2039					49,556.96
11/01/2039			2,408.08	2,408.08	
05/01/2040	44,740	3.420%	2,408.08	47,148.08	
06/30/2040					49,556.16
11/01/2040			1,643.03	1,643.03	
05/01/2041	46,271	3.470%	1,643.03	47,914.03	
06/30/2041					49,557.06
11/01/2041			840.22	840.22	
05/01/2042	47,876	3.510%	840.22	48,716.22	
06/30/2042					49,556.44
	728,347		262,784.21	991,131.21	991,131.21

BOND DEBT SERVICE

Caldwell County School District
Bonding Capacity
District Portion

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
11/01/2022			105,106.95	105,106.95	
05/01/2023	180,943	1.860%	113,971.40	294,914.40	
06/30/2023					400,021.35
11/01/2023			112,288.63	112,288.63	
05/01/2024	166,232	2.070%	112,288.63	278,520.63	
06/30/2024					390,809.26
11/01/2024			110,568.12	110,568.12	
05/01/2025	170,638	2.220%	110,568.12	281,206.12	
06/30/2025					391,774.24
11/01/2025			108,674.04	108,674.04	
05/01/2026	174,985	2.330%	108,674.04	283,659.04	
06/30/2026					392,333.08
11/01/2026			106,635.47	106,635.47	
05/01/2027	179,286	2.410%	106,635.47	285,921.47	
06/30/2027					392,556.94
11/01/2027			104,475.07	104,475.07	
05/01/2028	178,545	2.530%	104,475.07	283,020.07	
06/30/2028					387,495.14
11/01/2028			102,216.48	102,216.48	
05/01/2029	182,749	2.590%	102,216.48	284,965.48	
06/30/2029					387,181.96
11/01/2029			99,849.88	99,849.88	
05/01/2030	191,914	2.670%	99,849.88	291,763.88	
06/30/2030					391,613.76
11/01/2030			97,287.83	97,287.83	
05/01/2031	196,031	2.730%	97,287.83	293,318.83	
06/30/2031					390,606.66
11/01/2031			94,612.00	94,612.00	
05/01/2032	180,103	2.830%	94,612.00	274,715.00	
06/30/2032					369,327.00
11/01/2032			92,063.55	92,063.55	
05/01/2033	184,117	2.960%	92,063.55	276,180.55	
06/30/2033					368,244.10
11/01/2033			89,338.61	89,338.61	
05/01/2034	188,054	3.040%	89,338.61	277,392.61	
06/30/2034					366,731.22
11/01/2034			86,480.19	86,480.19	
05/01/2035	196,929	3.170%	86,480.19	283,409.19	
06/30/2035					369,889.38
11/01/2035			83,358.87	83,358.87	
05/01/2036	205,723	3.240%	83,358.87	289,081.87	
06/30/2036					372,440.74
11/01/2036			80,026.16	80,026.16	
05/01/2037	209,452	3.290%	80,026.16	289,478.16	
06/30/2037					369,504.32
11/01/2037			76,580.67	76,580.67	
05/01/2038	218,117	3.330%	76,580.67	294,697.67	
06/30/2038					371,278.34
11/01/2038			72,949.02	72,949.02	
05/01/2039	1,006,722	3.380%	72,949.02	1,079,671.02	
06/30/2039					1,152,620.04
11/01/2039			55,935.42	55,935.42	
05/01/2040	1,040,260	3.420%	55,935.42	1,096,195.42	
06/30/2040					1,152,130.84
11/01/2040			38,146.97	38,146.97	
05/01/2041	1,073,729	3.470%	38,146.97	1,111,875.97	
06/30/2041					1,150,022.94
11/01/2041			19,517.78	19,517.78	
05/01/2042	1,112,124	3.510%	19,517.78	1,131,641.78	
06/30/2042					1,151,159.56
	7,236,653		3,481,087.87	10,717,740.87	10,717,740.87

BOND SUMMARY STATISTICS

Caldwell County Public Schools
 Elementary School BG-1 Numbers
 Rates as of 3.24.22
 Assumes A1 Enh. Rating

Dated Date	05/15/2022
Delivery Date	05/15/2022
Last Maturity	05/01/2042
Arbitrage Yield	3.297704%
True Interest Cost (TIC)	3.482995%
Net Interest Cost (NIC)	3.456574%
All-In TIC	3.562919%
Average Coupon	3.315501%
Average Life (years)	14.177
Weighted Average Maturity (years)	14.177
Duration of Issue (years)	11.051
Par Amount	7,965,000.00
Bond Proceeds	7,965,000.00
Total Interest	3,743,872.08
Net Interest	3,903,172.08
Total Debt Service	11,708,872.08
Maximum Annual Debt Service	1,202,177.00
Average Annual Debt Service	586,584.18
Underwriter's Fees (per \$1000)	
Average Takedown	
Other Fee	20.000000
Total Underwriter's Discount	20.000000
Bid Price	98.000000

Bond Component	Par Value	Price	Average Coupon	Average Life	PV of 1 bp change
Bond Component	7,965,000.00	100.000	3.316%	14.177	8,613.60
	7,965,000.00			14.177	8,613.60

	TIC	All-In TIC	Arbitrage Yield
Par Value	7,965,000.00	7,965,000.00	7,965,000.00
+ Accrued Interest			
+ Premium (Discount)			
- Underwriter's Discount	-159,300.00	-159,300.00	
- Cost of Issuance Expense		-67,360.00	
- Other Amounts			
Target Value	7,805,700.00	7,738,340.00	7,965,000.00
Target Date	05/15/2022	05/15/2022	05/15/2022
Yield	3.482995%	3.562919%	3.297704%

BOND PRICING

Caldwell County Public Schools
 Elementary School BG-1 Numbers
 Rates as of 3.24.22
 Assumes A1 Enh. Rating

Bond Component	Maturity Date	Amount	Rate	Yield	Price
Bond Component:					
	05/01/2023	210,000	1.860%	1.860%	100.000
	05/01/2024	195,000	2.070%	2.070%	100.000
	05/01/2025	200,000	2.220%	2.220%	100.000
	05/01/2026	205,000	2.330%	2.330%	100.000
	05/01/2027	210,000	2.410%	2.410%	100.000
	05/01/2028	210,000	2.530%	2.530%	100.000
	05/01/2029	215,000	2.590%	2.590%	100.000
	05/01/2030	225,000	2.670%	2.670%	100.000
	05/01/2031	230,000	2.730%	2.730%	100.000
	05/01/2032	215,000	2.830%	2.830%	100.000
	05/01/2033	220,000	2.960%	2.960%	100.000
	05/01/2034	225,000	3.040%	3.040%	100.000
	05/01/2035	235,000	3.170%	3.170%	100.000
	05/01/2036	245,000	3.240%	3.240%	100.000
	05/01/2037	250,000	3.290%	3.290%	100.000
	05/01/2038	260,000	3.330%	3.330%	100.000
	05/01/2039	1,050,000	3.380%	3.380%	100.000
	05/01/2040	1,085,000	3.420%	3.420%	100.000
	05/01/2041	1,120,000	3.470%	3.470%	100.000
	05/01/2042	1,160,000	3.510%	3.510%	100.000
		7,965,000			

Dated Date	05/15/2022	
Delivery Date	05/15/2022	
First Coupon	11/01/2022	
Par Amount	7,965,000.00	
Original Issue Discount		
Production	7,965,000.00	100.000000%
Underwriter's Discount	-159,300.00	-2.000000%
Purchase Price	7,805,700.00	98.000000%
Accrued Interest		
Net Proceeds	7,805,700.00	

BOND SOLUTION

Caldwell County School District
 Bonding Capacity
 SFCC Portion

Period Ending	Proposed Principal	Proposed Debt Service	Total Adj Debt Service	Revenue Constraints	Unused Revenues	Debt Service Coverage
06/30/2022						
06/30/2023	29,057	49,557	49,557	49,558	1	100.00%
06/30/2024	28,768	49,557	49,557	49,557	0	100.00%
06/30/2025	29,362	49,555	49,555	49,556	1	100.00%
06/30/2026	30,015	49,556	49,556	49,557	0	100.00%
06/30/2027	30,714	49,556	49,556	49,556	0	100.00%
06/30/2028	31,455	49,557	49,557	49,557	0	100.00%
06/30/2029	32,251	49,557	49,557	49,557	0	100.00%
06/30/2030	33,086	49,557	49,557	49,557	0	100.00%
06/30/2031	33,969	49,556	49,556	49,557	1	100.00%
06/30/2032	34,897	49,557	49,557	49,557	0	100.00%
06/30/2033	35,883	49,555	49,555	49,556	1	100.00%
06/30/2034	36,946	49,556	49,556	49,557	1	100.00%
06/30/2035	38,071	49,558	49,558	49,558	0	100.00%
06/30/2036	39,277	49,557	49,557	49,558	0	100.00%
06/30/2037	40,548	49,556	49,556	49,557	1	100.00%
06/30/2038	41,883	49,557	49,557	49,557	1	100.00%
06/30/2039	43,278	49,557	49,557	49,557	0	100.00%
06/30/2040	44,740	49,556	49,556	49,557	0	100.00%
06/30/2041	46,271	49,557	49,557	49,558	1	100.00%
06/30/2042	47,876	49,556	49,556	49,557	0	100.00%
	728,347	991,131	991,131	991,141	9	

BOND SOLUTION

Caldwell County School District
Bonding Capacity
District Portion

Period Ending	Proposed Principal	Proposed Debt Service	Existing Debt Service	Total Adj Debt Service	Revenue Constraints	Unused Revenues	Debt Service Coverage
06/30/2022							
06/30/2023	180,943	400,021	748,359	1,148,381	1,704,596	556,215	148.43%
06/30/2024	166,232	390,809	759,137	1,149,946	1,704,596	554,650	148.23%
06/30/2025	170,638	391,774	758,560	1,150,335	1,704,596	554,262	148.18%
06/30/2026	174,985	392,333	757,074	1,149,407	1,704,596	555,189	148.30%
06/30/2027	179,286	392,557	759,658	1,152,215	1,704,596	552,382	147.94%
06/30/2028	178,545	387,495	760,939	1,148,434	1,704,596	556,162	148.43%
06/30/2029	182,749	387,182	761,367	1,148,549	1,704,596	556,047	148.41%
06/30/2030	191,914	391,614	760,727	1,152,340	1,704,596	552,256	147.92%
06/30/2031	196,031	390,607	759,302	1,149,909	1,704,596	554,688	148.24%
06/30/2032	180,103	369,327	780,787	1,150,114	1,704,596	554,482	148.21%
06/30/2033	184,117	368,244	779,987	1,148,231	1,704,596	556,365	148.45%
06/30/2034	188,054	366,731	783,207	1,149,938	1,704,596	554,658	148.23%
06/30/2035	196,929	369,889	780,260	1,150,149	1,704,596	554,447	148.21%
06/30/2036	205,723	372,441	780,585	1,153,026	1,704,596	551,570	147.84%
06/30/2037	209,452	369,504	780,035	1,149,539	1,704,596	555,057	148.29%
06/30/2038	218,117	371,278	781,722	1,153,000	1,704,596	551,596	147.84%
06/30/2039	1,006,722	1,152,620		1,152,620	1,278,519	125,899	110.92%
06/30/2040	1,040,260	1,152,131		1,152,131	1,278,519	126,389	110.97%
06/30/2041	1,073,729	1,150,023		1,150,023	1,278,519	128,496	111.17%
06/30/2042	1,112,124	1,151,160		1,151,160	1,278,519	127,360	111.06%
	7,236,653	10,717,741	12,291,706	23,009,447	32,387,617	9,378,170	



March 18, 2022

Ms. Chelsey Couch
Schools Facilities Construction Commission
700 Louisville Rd
Carriage House
Frankfort, KY

Re: Reporting of Bond Issuance Costs to the Capital Projects and Bond Oversight
Committee ("Bond Oversight Committee")

Dear Ms. Couch:

Enclosed please find a Bond Payee Disclosure form for the following bond issue:

\$3,070,000 (est.)
Owen County
School District Finance Corporation
School Building Revenue Bonds,
Series of 2022B

Please be advised that the enclosed costs are estimated. Actual costs will not be known until the bonds are sold. Please be advised that no tax increases are necessary to support this financing.

We hereby request that the above bond issue be considered by the Bond Oversight Committee at its next meeting.

If you need any additional information, please do not hesitate to call me at 502.588.8695.

Sincerely,

/s/ Maria Long

Maria Long
Public Finance

BOND PAYEE DISCLOSURE FORM

Par Amount:	\$3,070,000
Issue Name:	Owen County School District Finance Corporation School Building Revenue Bonds, Series of 2022B
Purpose:	Finance HVAC Upgrades
Projected Sale Date of Bonds:	Spring 2022
First Call Date:	TBD
Method of Sale:	Competitive
Place/Time of Sale:	TBD
Bond Rating:	Expected "A1" – Moody's
Bond Counsel:	Steptoe & Johnson
Fiscal Agent:	Baird

Date Received by SFCC:

/ /

To be filled in by SFCC

Date Scheduled for Committee Review:

/ /

To be filled in by SFCC

	SFCC Portion	Local Portion	Total
Estimated par amount of Bonds:	\$131,179	\$2,938,821	\$3,070,000
% Share of total Bonds:	4.27%	95.73%	100%
Estimated average annual debt service:	\$8,556	\$192,357	\$200,913
Estimated debt service reserve:	-	-	-
Estimated Costs of Issuance (1):			
Fiscal Agent, Bond Counsel, Advertisements, Printing, etc.	\$1,080	\$24,200	\$25,280
Special Tax Counsel	-	-	-
Number Verifications	-	-	-
Bond Rating	470	10,530	11,000
Underwriter's Discount	2,624	58,776	61,400
Paying Agent/Escrow Agent Bank	171	3,829	4,000
Total Cost of Issuance:	\$4,345	\$97,335	\$101,680

Anticipated Interest Rates:

5 Years: 1.96%	10 Years: 2.39%
15 Years: 2.88%	20 Years: 3.10%

SOURCES AND USES OF FUNDS

Owen County Schools
Series 2022
HVAC Upgrades BG-1 #21-215

Dated Date 05/15/2022
Delivery Date 05/15/2022

Sources:	SFCC Portion	District Portion	Total
Bond Proceeds:			
Par Amount	131,179.00	2,938,821.00	3,070,000.00
Other Sources of Funds:			
SFCC Cash Requirements		373,500.37	373,500.37
Residual Funds- BG#13-117		4,996.00	4,996.00
Residual Funds- BG#15-102		81,471.00	81,471.00
Residual Funds- BG#16-030		53,635.00	53,635.00
Residual Funds- BG#17-085		479,057.00	479,057.00
		<u>992,659.37</u>	<u>992,659.37</u>
	131,179.00	3,931,480.37	4,062,659.37

Uses:	SFCC Portion	District Portion	Total
Project Fund Deposits:			
Total Construction Cost	146,134.26	3,273,865.74	3,420,000.00
Architect/Engineer Fee	10,594.73	237,355.27	247,950.00
Construction Contingencies	7,306.71	163,693.29	171,000.00
Commissioning	3,396.98	76,103.02	79,500.00
Testing and Balancing	1,709.17	38,290.83	40,000.00
Advertising/Printing/Reimb.	42.73	957.27	1,000.00
	<u>169,184.58</u>	<u>3,790,265.42</u>	<u>3,959,450.00</u>
Cost of Issuance:			
Fiscal Agent/Bond Counsel	1,080.20	24,199.80	25,280.00
Rating	470.02	10,529.98	11,000.00
Paying Agent	170.92	3,829.08	4,000.00
	<u>1,721.14</u>	<u>38,558.86</u>	<u>40,280.00</u>
Underwriter's Discount:			
Underwriter's Discount	2,623.58	58,776.42	61,400.00
Other Uses of Funds:			
Additional Proceeds	-42,350.30	43,879.67	1,529.37
	<u>131,179.00</u>	<u>3,931,480.37</u>	<u>4,062,659.37</u>

BOND DEBT SERVICE
Owen County Schools
Series 2022
HVAC Upgrades BG-1 #21-215

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
11/01/2022			35,171.48	35,171.48	
05/01/2023	125,000	1.330%	38,137.75	163,137.75	
06/30/2023					198,309.23
11/01/2023			37,306.50	37,306.50	
05/01/2024	125,000	1.590%	37,306.50	162,306.50	
06/30/2024					199,613.00
11/01/2024			36,312.75	36,312.75	
05/01/2025	130,000	1.740%	36,312.75	166,312.75	
06/30/2025					202,625.50
11/01/2025			35,181.75	35,181.75	
05/01/2026	130,000	1.860%	35,181.75	165,181.75	
06/30/2026					200,363.50
11/01/2026			33,972.75	33,972.75	
05/01/2027	135,000	1.960%	33,972.75	168,972.75	
06/30/2027					202,945.50
11/01/2027			32,649.75	32,649.75	
05/01/2028	135,000	2.080%	32,649.75	167,649.75	
06/30/2028					200,299.50
11/01/2028			31,245.75	31,245.75	
05/01/2029	140,000	2.150%	31,245.75	171,245.75	
06/30/2029					202,491.50
11/01/2029			29,740.75	29,740.75	
05/01/2030	140,000	2.230%	29,740.75	169,740.75	
06/30/2030					199,481.50
11/01/2030			28,179.75	28,179.75	
05/01/2031	145,000	2.280%	28,179.75	173,179.75	
06/30/2031					201,359.50
11/01/2031			26,526.75	26,526.75	
05/01/2032	145,000	2.390%	26,526.75	171,526.75	
06/30/2032					198,053.50
11/01/2032			24,794.00	24,794.00	
05/01/2033	150,000	2.530%	24,794.00	174,794.00	
06/30/2033					199,588.00
11/01/2033			22,896.50	22,896.50	
05/01/2034	155,000	2.630%	22,896.50	177,896.50	
06/30/2034					200,793.00
11/01/2034			20,858.25	20,858.25	
05/01/2035	160,000	2.760%	20,858.25	180,858.25	
06/30/2035					201,716.50
11/01/2035			18,650.26	18,650.26	
05/01/2036	165,000	2.830%	18,650.26	183,650.26	
06/30/2036					202,300.52
11/01/2036			16,315.50	16,315.50	
05/01/2037	170,000	2.880%	16,315.50	186,315.50	
06/30/2037					202,631.00
11/01/2037			13,867.50	13,867.50	
05/01/2038	175,000	2.920%	13,867.50	188,867.50	
06/30/2038					202,735.00
11/01/2038			11,312.50	11,312.50	
05/01/2039	175,000	2.970%	11,312.50	186,312.50	
06/30/2039					197,625.00
11/01/2039			8,713.75	8,713.75	
05/01/2040	185,000	3.010%	8,713.75	193,713.75	
06/30/2040					202,427.50
11/01/2040			5,929.50	5,929.50	
05/01/2041	190,000	3.060%	5,929.50	195,929.50	
06/30/2041					201,859.00
11/01/2041			3,022.50	3,022.50	
05/01/2042	195,000	3.100%	3,022.50	198,022.50	
06/30/2042					201,045.00
	3,070,000		948,262.75	4,018,262.75	4,018,262.75

DETAILED BOND DEBT SERVICE

Owen County Schools
SFCC Portion

Bond Component (BOND)

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
11/01/2022			1,495.77	1,495.77	
05/01/2023	5,344	1.330%	1,621.92	6,965.92	
06/30/2023					8,461.69
11/01/2023			1,586.39	1,586.39	
05/01/2024	5,289	1.590%	1,586.39	6,875.39	
06/30/2024					8,461.78
11/01/2024			1,544.34	1,544.34	
05/01/2025	5,374	1.740%	1,544.34	6,918.34	
06/30/2025					8,462.68
11/01/2025			1,497.58	1,497.58	
05/01/2026	5,767	1.860%	1,497.58	7,264.58	
06/30/2026					8,762.16
11/01/2026			1,443.95	1,443.95	
05/01/2027	8,013	1.960%	1,443.95	9,456.95	
06/30/2027					10,900.90
11/01/2027			1,365.42	1,365.42	
05/01/2028	5,645	2.080%	1,365.42	7,010.42	
06/30/2028					8,375.84
11/01/2028			1,306.72	1,306.72	
05/01/2029	5,762	2.150%	1,306.72	7,068.72	
06/30/2029					8,375.44
11/01/2029			1,244.77	1,244.77	
05/01/2030	5,889	2.230%	1,244.77	7,133.77	
06/30/2030					8,378.54
11/01/2030			1,179.11	1,179.11	
05/01/2031	6,019	2.280%	1,179.11	7,198.11	
06/30/2031					8,377.22
11/01/2031			1,110.50	1,110.50	
05/01/2032	6,155	2.390%	1,110.50	7,265.50	
06/30/2032					8,376.00
11/01/2032			1,036.94	1,036.94	
05/01/2033	6,302	2.530%	1,036.94	7,338.94	
06/30/2033					8,375.88
11/01/2033			957.22	957.22	
05/01/2034	6,463	2.630%	957.22	7,420.22	
06/30/2034					8,377.44
11/01/2034			872.23	872.23	
05/01/2035	6,634	2.760%	872.23	7,506.23	
06/30/2035					8,378.46
11/01/2035			780.69	780.69	
05/01/2036	6,815	2.830%	780.69	7,595.69	
06/30/2036					8,376.38
11/01/2036			684.25	684.25	
05/01/2037	7,009	2.880%	684.25	7,693.25	
06/30/2037					8,377.50
11/01/2037			583.32	583.32	
05/01/2038	7,288	2.920%	583.32	7,871.32	
06/30/2038					8,454.64
11/01/2038			476.92	476.92	
05/01/2039	7,508	2.970%	476.92	7,984.92	
06/30/2039					8,461.84
11/01/2039			365.42	365.42	
05/01/2040	7,731	3.010%	365.42	8,096.42	
06/30/2040					8,461.84
11/01/2040			249.07	249.07	
05/01/2041	7,965	3.060%	249.07	8,214.07	
06/30/2041					8,463.14
11/01/2041			127.21	127.21	
05/01/2042	8,207	3.100%	127.21	8,334.21	
06/30/2042					8,461.42
	131,179		39,941.79	171,120.79	171,120.79

DETAILED BOND DEBT SERVICE

Owen County Schools
District Portion
Term Sheet/POS Numbers

Bond Component (BOND)

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
11/01/2022			33,675.71	33,675.71	
05/01/2023	119,656	1.330%	36,515.83	156,171.83	
06/30/2023					189,847.54
11/01/2023			35,720.11	35,720.11	
05/01/2024	119,711	1.590%	35,720.11	155,431.11	
06/30/2024					191,151.22
11/01/2024			34,768.41	34,768.41	
05/01/2025	124,626	1.740%	34,768.41	159,394.41	
06/30/2025					194,162.82
11/01/2025			33,684.17	33,684.17	
05/01/2026	124,233	1.860%	33,684.17	157,917.17	
06/30/2026					191,601.34
11/01/2026			32,528.80	32,528.80	
05/01/2027	126,987	1.960%	32,528.80	159,515.80	
06/30/2027					192,044.60
11/01/2027			31,284.33	31,284.33	
05/01/2028	129,355	2.080%	31,284.33	160,639.33	
06/30/2028					191,923.66
11/01/2028			29,939.03	29,939.03	
05/01/2029	134,238	2.150%	29,939.03	164,177.03	
06/30/2029					194,116.06
11/01/2029			28,495.98	28,495.98	
05/01/2030	134,111	2.230%	28,495.98	162,606.98	
06/30/2030					191,102.96
11/01/2030			27,000.64	27,000.64	
05/01/2031	138,981	2.280%	27,000.64	165,981.64	
06/30/2031					192,982.28
11/01/2031			25,416.25	25,416.25	
05/01/2032	138,845	2.390%	25,416.25	164,261.25	
06/30/2032					189,677.50
11/01/2032			23,757.06	23,757.06	
05/01/2033	143,698	2.530%	23,757.06	167,455.06	
06/30/2033					191,212.12
11/01/2033			21,939.28	21,939.28	
05/01/2034	148,537	2.630%	21,939.28	170,476.28	
06/30/2034					192,415.56
11/01/2034			19,986.02	19,986.02	
05/01/2035	153,366	2.760%	19,986.02	173,352.02	
06/30/2035					193,338.04
11/01/2035			17,869.57	17,869.57	
05/01/2036	158,185	2.830%	17,869.57	176,054.57	
06/30/2036					193,924.14
11/01/2036			15,631.25	15,631.25	
05/01/2037	162,991	2.880%	15,631.25	178,622.25	
06/30/2037					194,253.50
11/01/2037			13,284.18	13,284.18	
05/01/2038	167,712	2.920%	13,284.18	180,996.18	
06/30/2038					194,280.36
11/01/2038			10,835.58	10,835.58	
05/01/2039	167,492	2.970%	10,835.58	178,327.58	
06/30/2039					189,163.16
11/01/2039			8,348.33	8,348.33	
05/01/2040	177,269	3.010%	8,348.33	185,617.33	
06/30/2040					193,965.66
11/01/2040			5,680.43	5,680.43	
05/01/2041	182,035	3.060%	5,680.43	187,715.43	
06/30/2041					193,395.86
11/01/2041			2,895.29	2,895.29	
05/01/2042	186,793	3.100%	2,895.29	189,688.29	
06/30/2042					192,583.58
	2,938,821		908,320.96	3,847,141.96	3,847,141.96

BOND SUMMARY STATISTICS

Owen County Schools
Series 2022
HVAC Upgrades BG-1 #21-215

Dated Date	05/15/2022
Delivery Date	05/15/2022
Last Maturity	05/01/2042
Arbitrage Yield	2.720907%
True Interest Cost (TIC)	2.937156%
Net Interest Cost (NIC)	2.920581%
All-In TIC	3.082462%
Average Coupon	2.742974%
Average Life (years)	11.261
Weighted Average Maturity (years)	11.261
Duration of Issue (years)	9.439
Par Amount	3,070,000.00
Bond Proceeds	3,070,000.00
Total Interest	948,262.75
Net Interest	1,009,662.75
Total Debt Service	4,018,262.75
Maximum Annual Debt Service	202,945.50
Average Annual Debt Service	201,304.56
Underwriter's Fees (per \$1000)	
Average Takedown	
Other Fee	20.000000
Total Underwriter's Discount	20.000000
Bid Price	98.000000

Bond Component	Par Value	Price	Average Coupon	Average Life	PV of 1 bp change
Bond Component	3,070,000.00	100.000	2.743%	11.261	2,836.05
	3,070,000.00			11.261	2,836.05

	TIC	All-In TIC	Arbitrage Yield
Par Value	3,070,000.00	3,070,000.00	3,070,000.00
+ Accrued Interest			
+ Premium (Discount)			
- Underwriter's Discount	-61,400.00	-61,400.00	
- Cost of Issuance Expense		-40,280.00	
- Other Amounts			
Target Value	3,008,600.00	2,968,320.00	3,070,000.00
Target Date	05/15/2022	05/15/2022	05/15/2022
Yield	2.937156%	3.082462%	2.720907%

BOND PRICING

Owen County Schools
Series 2022
HVAC Upgrades BG-1 #21-215

Bond Component	Maturity Date	Amount	Rate	Yield	Price
Bond Component:					
	05/01/2023	125,000	1.330%	1.330%	100.000
	05/01/2024	125,000	1.590%	1.590%	100.000
	05/01/2025	130,000	1.740%	1.740%	100.000
	05/01/2026	130,000	1.860%	1.860%	100.000
	05/01/2027	135,000	1.960%	1.960%	100.000
	05/01/2028	135,000	2.080%	2.080%	100.000
	05/01/2029	140,000	2.150%	2.150%	100.000
	05/01/2030	140,000	2.230%	2.230%	100.000
	05/01/2031	145,000	2.280%	2.280%	100.000
	05/01/2032	145,000	2.390%	2.390%	100.000
	05/01/2033	150,000	2.530%	2.530%	100.000
	05/01/2034	155,000	2.630%	2.630%	100.000
	05/01/2035	160,000	2.760%	2.760%	100.000
	05/01/2036	165,000	2.830%	2.830%	100.000
	05/01/2037	170,000	2.880%	2.880%	100.000
	05/01/2038	175,000	2.920%	2.920%	100.000
	05/01/2039	175,000	2.970%	2.970%	100.000
	05/01/2040	185,000	3.010%	3.010%	100.000
	05/01/2041	190,000	3.060%	3.060%	100.000
	05/01/2042	195,000	3.100%	3.100%	100.000
		3,070,000			

Dated Date	05/15/2022	
Delivery Date	05/15/2022	
First Coupon	11/01/2022	
Par Amount	3,070,000.00	
Original Issue Discount		
Production	3,070,000.00	100.000000%
Underwriter's Discount	-61,400.00	-2.000000%
Purchase Price	3,008,600.00	98.000000%
Accrued Interest		
Net Proceeds	3,008,600.00	

BOND SOLUTION

Owen County Schools
SFCC Portion

Period Ending	Proposed Principal	Proposed Debt Service	Total Adj Debt Service	Revenue Constraints	Unused Revenues	Debt Service Coverage
06/30/2022						
06/30/2023	5,344	8,462	8,462	8,462	0	100.00%
06/30/2024	5,289	8,462	8,462	8,462	0	100.00%
06/30/2025	5,374	8,463	8,463	8,463	0	100.00%
06/30/2026	5,767	8,762	8,762	8,763	1	100.01%
06/30/2027	8,013	10,901	10,901	10,902	1	100.01%
06/30/2028	5,645	8,376	8,376	8,377	1	100.01%
06/30/2029	5,762	8,375	8,375	8,376	0	100.01%
06/30/2030	5,889	8,379	8,379	8,379	0	100.00%
06/30/2031	6,019	8,377	8,377	8,378	1	100.01%
06/30/2032	6,155	8,376	8,376	8,377	1	100.01%
06/30/2033	6,302	8,376	8,376	8,377	1	100.01%
06/30/2034	6,463	8,377	8,377	8,378	0	100.00%
06/30/2035	6,634	8,378	8,378	8,379	1	100.01%
06/30/2036	6,815	8,376	8,376	8,377	1	100.01%
06/30/2037	7,009	8,378	8,378	8,378	1	100.01%
06/30/2038	7,288	8,455	8,455	8,455	1	100.01%
06/30/2039	7,508	8,462	8,462	8,462	0	100.00%
06/30/2040	7,731	8,462	8,462	8,462	0	100.00%
06/30/2041	7,965	8,463	8,463	8,463	0	100.00%
06/30/2042	8,207	8,461	8,461	8,462	1	100.01%
	131,179	171,121	171,121	171,132	11	

BOND SOLUTION

Owen County Schools
District Portion
Term Sheet/POS Numbers

Period Ending	Proposed Principal	Proposed Debt Service	Total Adj Debt Service	Revenue Constraints	Unused Revenues	Debt Service Coverage
06/30/2022				2,492,613	2,492,613	
06/30/2023	119,656	189,848	189,848	2,492,613	2,302,766	1,312.96%
06/30/2024	119,711	191,151	191,151	2,492,613	2,301,462	1,304.00%
06/30/2025	124,626	194,163	194,163	2,492,613	2,298,450	1,283.77%
06/30/2026	124,233	191,601	191,601	2,492,613	2,301,012	1,300.94%
06/30/2027	126,987	192,045	192,045	2,492,613	2,300,569	1,297.93%
06/30/2028	129,355	191,924	191,924	2,492,613	2,300,689	1,298.75%
06/30/2029	134,238	194,116	194,116	2,492,613	2,298,497	1,284.08%
06/30/2030	134,111	191,103	191,103	2,492,613	2,301,510	1,304.33%
06/30/2031	138,981	192,982	192,982	2,492,613	2,299,631	1,291.63%
06/30/2032	138,845	189,678	189,678	2,492,613	2,302,936	1,314.13%
06/30/2033	143,698	191,212	191,212	2,492,613	2,301,401	1,303.59%
06/30/2034	148,537	192,416	192,416	2,492,613	2,300,198	1,295.43%
06/30/2035	153,366	193,338	193,338	2,492,613	2,299,275	1,289.25%
06/30/2036	158,185	193,924	193,924	2,492,613	2,298,689	1,285.35%
06/30/2037	162,991	194,254	194,254	2,492,613	2,298,360	1,283.18%
06/30/2038	167,712	194,280	194,280	2,492,613	2,298,333	1,283.00%
06/30/2039	167,492	189,163	189,163	2,106,879	1,917,716	1,113.79%
06/30/2040	177,269	193,966	193,966	2,106,879	1,912,913	1,086.21%
06/30/2041	182,035	193,396	193,396	2,106,879	1,913,483	1,089.41%
06/30/2042	186,793	192,584	192,584	2,106,879	1,914,296	1,094.01%
	2,938,821	3,847,142	3,847,142	50,801,940	46,954,798	