

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

▪ **Fund F Loan**

<b>Loan #</b>	<b>Borrower</b>	<b>Amount Requested</b>	<b>Amount Loan Total</b>	<b>County</b>
F22-003	City of Hazard	\$ 1,000,000	\$ 1,000,000	Perry
F22-005	City of Monticello CWP Grant #21CWW215 \$746,751	\$ 2,340,250	\$ 2,340,250	Wayne
F22-012	City of Hazard	\$ 1,950,000	\$ 1,950,000	Perry
F22-017	Knox County Utility Commission CWP Grant #21CWW106 \$1,143,833	\$ 1,193,000	\$ 1,193,000	Knox



**Kentucky Infrastructure Authority  
Loan Programs  
Fiscal Year Ended June 30, 2022**

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

		Fund A (CWSRF)	Fund F (DWSRF)	Fund B	Fund C	
Program Designation		Clean Water	Drinking Water	Infrastructure	Governmental Agencies	
Description of Program		Federal	Federal	State	State	
Federal / State				First Come	First Come	
Selection Basis		Priority List	Priority List	First Served	First Served	
Types of Infrastructure		Wastewater	Drinking Water	Various <sup>(1)</sup>	Various <sup>(1)</sup>	
<b>Fiscal 2022</b>						
Terms <sup>(5)</sup>	Interest Rates	Income Based	Income Based	Income Based	Terms	Market Rate
20 years	Standard (> or = \$50,589)	2.00%	2.00%	2.00%	1-5 years	1.50%
20 years	Non-standard (\$40,471 - \$50,589) <sup>(2)</sup>	1.00%	1.00%	1.00%	6-10 years	2.00%
20 to 30 years	Disadvantage (< or = \$40,471)	0.25%	0.25%	0.25%	11-20 years	2.50%
20 years	Broadband Projects <sup>(1)</sup>	N/A	N/A	4.0%	20 years	4.00%
Administration Fees (on principal)		0.20%	0.25%	0.20%	0.20%	
Principal Forgiveness		depends on MHI/affordability index		N/A	N/A	
<b>Lending Capacity</b>						
Annual Availability <sup>(3),(4)</sup>		\$75,232,000	\$52,235,000	\$5,900,000	\$2,200,000	
Significant Federal Requirements		Davis Bacon Environmental Review American Iron and Steel Fiscal Sustainability Plan	Davis Bacon Environmental Review American Iron and Steel			

(1) Includes planning, design, and construction of solid waste projects; dams; storm water control treatment systems; gas or electric utility; broadband deployment project; or any other public utility or public service project. Broadband project interest rates are at the non-standard rate of 4%.

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

(3) Funds B and C are substantially committed as of June 30, 2021.

(4) Fund C availability is net of debt service.

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

<b>EXECUTIVE SUMMARY</b>		Reviewer	Alex Fisher	
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		Date	March 3, 2022	
<b>FUND F, FEDERALLY ASSISTED DRINKING WATER</b>		KIA Loan Number	F22-003	
<b>REVOLVING LOAN FUND</b>		WRIS Number	WX21193058	
BORROWER	CITY OF HAZARD PERRY COUNTY			
BRIEF DESCRIPTION				
The City of Hazard ("City") is requesting a Fund F loan in the amount of \$1,000,000 for the Buckhorn Middle Fork WTP to Chavies Transmission Line project. This project will replace 6" waterline to 10" water transmission line to serve Hazard's demands down to KY 28, KY 15 and the Coal Fields Industrial Park. The transmission line will include approximately 54,000 LF of new waterline, 2 new 700 GPM booster pumps and rehabilitation of the Buckhorn tank.				
Currently the City of Hazard serves 8,162 residential and 967 commercial, industrial and wholesale customers.				
PROJECT FINANCING		PROJECT BUDGET		
Fund F Loan	\$1,000,000	RD Fee %	Actual %	
AMLER	2,752,600	Administrative Expenses		\$50,000
ARC	1,000,000	Eng - Design / Const	6.9%	6.3%
		Eng - Insp	3.7%	3.4%
		Eng - Other		50,000
		Construction		3,855,000
		Contingency		385,500
TOTAL	<u>\$4,752,600</u>	TOTAL		<u>\$4,752,600</u>
REPAYMENT	Rate	0.25%	Est. Annual Payment	\$37,120
	Term	30 Years	1st Payment	6 Mo. after first draw
PROFESSIONAL SERVICES	Engineer	R. M. Johnson Engineering, Inc		
	Bond Counsel	Rubin & Hays		
PROJECT SCHEDULE	Bid Opening	Feb-23		
	Construction Start	Mar-23		
	Construction Stop	Mar-24		
DEBT PER CUSTOMER	Existing	\$591		
	Proposed	\$973		
OTHER DEBT	See Attached			
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>	
	Current	9,129	\$31.24	(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	790,123	327,072	463,051	2.4
Audited 2019	(62,737)	311,060	(373,797)	-0.2
Audited 2020	1,252,031	185,914	1,066,117	6.7
Projected 2021	1,274,293	287,298	986,996	4.4
Projected 2022	1,299,173	280,239	1,018,935	4.6
Projected 2023	1,317,952	316,319	1,001,633	4.2
Projected 2024	1,336,438	352,147	984,291	3.8
Projected 2025	1,355,441	387,949	967,492	3.5

Reviewer: Alex Fisher  
Date: March 3, 2022  
Loan Number: F22-003

**KENTUCKY INFRASTRUCTURE AUTHORITY  
DRINKING WATER STATE REVOLVING FUND (FUND F)  
CITY OF HAZARD, PERRY COUNTY  
PROJECT REVIEW  
WX21193058**

**I. PROJECT DESCRIPTION**

The City of Hazard (“City”) is requesting a Fund F loan in the amount of \$1,000,000 for the Buckhorn Middle Fork WTP to Chavies Transmission Line project. This project will replace 6” waterline to 10” water transmission line to serve Hazard’s demands down to KY 28, KY 15 and the Coal Fields Industrial Park. The transmission line will include approximately 54,000 LF of new waterline, 2 new 700 GPM booster pumps and rehabilitation of the Buckhorn tank.

Currently the City of Hazard serves 8,162 residential and 967 commercial, industrial and wholesale customers.

**II. PROJECT BUDGET**

	<u>Total</u>
Administrative Expenses	\$ 50,000
Engineering Fees - Design	267,800
Engineering Fees - Inspection	144,300
Engineering Fees - Other	50,000
Construction	3,855,000
Contingency	385,500
<b>Total</b>	<b>\$ 4,752,600</b>

**III. PROJECT FUNDING**

	<u>Amount</u>	<u>%</u>
Fund F Loan	\$ 1,000,000	21%
AMLER	2,752,600	58%
ARC	1,000,000	21%
<b>Total</b>	<b>\$ 4,752,600</b>	<b>100%</b>

#### IV. KIA DEBT SERVICE

Construction Loan	\$ 1,000,000
Less: Principal Forgiveness	0
Amortized Loan Amount	\$ 1,000,000
Interest Rate	0.25%
Loan Term (Years)	30
Estimated Annual Debt Service	\$ 34,620
Administrative Fee (0.25%)	2,500
<b>Total Estimated Annual Debt Service</b>	<b>\$ 37,120</b>

#### V. PROJECT SCHEDULE

Bid Opening	February 2023
Construction Start	March 2023
Construction Stop	March 2024

#### VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

##### A) Customers

Customers	Current
Residential	8,162
Commercial	967
Industrial	0
Total	9,129

##### B) Rates

<b>WATER IN CITY</b>	Current	Prior	Prior
Date of Last Rate Increase	02/01/21	02/01/20	05/01/19
Minimum (2,000 gallons)	\$18.28	\$18.03	\$17.62
Next 8,000 Gallons	6.48	6.39	6.25
Cost for 4,000 gallons	\$31.24	\$30.81	\$30.12
Increase %	1.4%	2.3%	
Affordability Index (Rate/MHI)	1.0%		

<b>WATER OUT OF CITY</b>	Current	Prior	Prior
Date of Last Rate Increase	02/01/21	02/01/20	05/01/19
Minimum (2,000 gallons)	\$22.35	\$22.04	\$21.54
Next 8,000 Gallons	8.56	8.44	8.25
Cost for 4,000 gallons	\$39.47	\$38.92	\$38.04
Increase %	1.4%	2.3%	
Affordability Index (Rate/MHI)	1.2%		

## **VII. DEMOGRAPHICS**

Based on current Census data from the American Community Survey 5-Year Estimate 2015-2019, the Utility's service area population was 23,719 with a Median Household Income (MHI) of \$38,655. The median household income for the Commonwealth is \$50,589. The project will qualify for a 0.25% interest rate.

## **VIII. 2020 CAPITALIZATION GRANT EQUIVALENCIES**

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

## **IX. FINANCIAL ANALYSIS**

Financial information was obtained from the audited financial statements for the years ended June 30, 2018 through June 30, 2020. The non-cash impacts of GASB 68 – Accounting and Financial Reporting for Pensions and GASB 75 – Accounting and Financial Reporting for Other Postemployment Benefit have been removed from the operating expenses. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

### **HISTORY**

Revenues increased 25.6% from \$3.87 million in 2018 to \$4.86 in 2020. The 25.6% increase was due primarily to the May 1, 2019 rate increases for "In City" and "Outside City" water of 45.9% and 33.1% respectively. While operating expenses increased 17.3% from \$3.08 million to \$3.61 million during the same period primarily due to increased wages and material and supply costs. Wages increased 2.18% from 2018 to 2020, while materials and supplies increased 8.50%. Consolidated cash flow before debt service averaged \$659,806 in the 3 audited years. The debt coverage ratio was 2.4, (0.2), and 6.7 in 2018, 2019, and 2020 respectively.

The balance sheet reflects a current ratio of 3.0, a debt to equity ratio of 0.3, 86.3 days of sales in accounts receivable, and 0.7 months of operating expenses in unrestricted cash.

### **PROJECTIONS**

Projections are based on the following assumptions:

- 1) Water revenue will increase 2% annually due to the City's Consumer's Price Index clause.
- 2) Additional funding from AMLER \$2,752,600 and ARC \$1,000,000 is anticipated to fully fund the entire project cost.

- 3) Expenses will increase 2% due to inflation.
- 4) Debt service coverage is 4.2 in 2023 when principal and interest repayments begin.

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

**REPLACEMENT RESERVE**

The replacement reserve will be 5% (\$50,000 total) of the final amount borrowed to be funded annually (\$2,500 yearly) each December 1 for 20 years and maintained for the life of the loan.

**X. DEBT OBLIGATIONS**

	<u>Outstanding</u>	<u>Maturity</u>
Ky Bond Corp	2,952,885	2050
Series 2014A	2,075,500	2035
Series 2014B	358,800	2035
Cat Financial	6,055	2022
<b>Total</b>	<b>\$ 5,393,240</b>	

**XI. CONTACTS**

<b>Legal Applicant</b>	
Entity Name	City of Hazard
Authorized Official	Donald Mobelini (Mayor)
County	Perry
Email	donald.mobelini@hazardky.gov
Phone	(606) 436-3171
Address	PO Box 420 Hazard, KY 41702

<b>Applicant Contact</b>	
Name	Tony Eversole
Organization	City of Hazard
Email	tony.eversole@hazardky.gov
Phone	(606) 436-3171
Address	PO Box 420 Hazard, KY 41702

**Project Administrator**

Name	Angelia Hall
Organization	Perry County Fiscal Court/City of Hazard
Email	hazardperrygrants@yahoo.com
Phone	(606) 436-4513
Address	PO Drawer 210 Hazard, KY 41702

**Consulting Engineer**

PE Name	Ron Johnson
Firm Name	R. M. Johnson Engineering, Inc.
Email	rjohnson@rmje.net
Phone	(859) 469-9105
Address	3213 Summit Square Place STE 100 Lexington, KY 40509

**XII. RECOMMENDATIONS**

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

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

	<u>Audited 2018</u>	<u>Audited 2019</u>	<u>Audited 2020</u>	<u>Projected 2021</u>	<u>Projected 2022</u>	<u>Projected 2023</u>	<u>Projected 2024</u>	<u>Projected 2025</u>
<b>Balance Sheet</b>								
<b>Assets</b>								
Current Assets	1,348,504	1,626,506	1,558,170	2,627,713	3,669,947	4,695,380	5,703,972	6,696,164
Other Assets	33,203,688	34,215,262	34,280,847	32,855,292	31,597,226	37,535,860	38,241,794	37,005,128
<b>Total</b>	<b>34,552,192</b>	<b>35,841,768</b>	<b>35,839,017</b>	<b>35,483,005</b>	<b>35,267,173</b>	<b>42,231,240</b>	<b>43,945,766</b>	<b>43,701,292</b>
<b>Liabilities &amp; Equity</b>								
Current Liabilities	553,431	838,041	513,041	512,936	518,946	575,456	679,766	686,376
Long Term Liabilities	8,711,440	8,495,916	8,664,496	8,428,912	8,273,718	10,269,277	11,908,163	11,592,939
<b>Total Liabilities</b>	<b>9,264,871</b>	<b>9,333,957</b>	<b>9,177,537</b>	<b>8,941,848</b>	<b>8,792,664</b>	<b>10,844,733</b>	<b>12,587,929</b>	<b>12,279,315</b>
<b>Net Assets</b>	<b>25,287,321</b>	<b>26,507,811</b>	<b>26,661,480</b>	<b>26,541,157</b>	<b>26,474,509</b>	<b>31,386,507</b>	<b>31,357,837</b>	<b>31,421,977</b>
<b>Cash Flow</b>								
Revenues	3,868,868	3,746,029	4,859,156	4,955,786	5,054,348	5,154,882	5,257,426	5,362,021
Operating Expenses	3,079,916	3,810,649	3,611,848	3,684,085	3,757,767	3,839,522	3,923,580	4,009,172
Other Income	1,171	1,883	4,723	2,592	2,592	2,592	2,592	2,592
<b>Cash Flow Before Debt Service</b>	<b>790,123</b>	<b>(62,737)</b>	<b>1,252,031</b>	<b>1,274,293</b>	<b>1,299,173</b>	<b>1,317,952</b>	<b>1,336,438</b>	<b>1,355,441</b>
<b>Debt Service</b>								
Existing Debt Service	327,072	311,060	185,914	287,298	280,239	279,199	315,027	350,829
Proposed KIA Loan	0	0	0	0	0	37,120	37,120	37,120
<b>Total Debt Service</b>	<b>327,072</b>	<b>311,060</b>	<b>185,914</b>	<b>287,298</b>	<b>280,239</b>	<b>316,319</b>	<b>352,147</b>	<b>387,949</b>
<b>Cash Flow After Debt Service</b>	<b>463,051</b>	<b>(373,797)</b>	<b>1,066,117</b>	<b>986,996</b>	<b>1,018,935</b>	<b>1,001,633</b>	<b>984,291</b>	<b>967,492</b>
<b>Ratios</b>								
Current Ratio	2.4	1.9	3.0	5.1	7.1	8.2	8.4	9.8
Debt to Equity	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4
Days Sales in Accounts Receivable	94.9	108.2	86.3	86.3	86.3	86.3	86.3	86.3
Months Operating Expenses in Unrestricted Cash	0.5	0.2	0.7	3.9	7.0	10.0	12.9	15.5
Debt Coverage Ratio	2.4	(0.2)	6.7	4.4	4.6	4.2	3.8	3.5

<b>EXECUTIVE SUMMARY</b>		Reviewer	Alex Fisher	
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		Date	March 3, 2022	
<b>FUND F, FEDERALLY ASSISTED DRINKING WATER</b>		KIA Loan Number	F22-012	
<b>REVOLVING LOAN FUND</b>		WRIS Number	WX21193046	
BORROWER	CITY OF HAZARD PERRY COUNTY			
BRIEF DESCRIPTION				
The City of Hazard ("City") is requesting a Fund F loan in the amount of \$1,950,000 for the Lothair Waterline Replacement project. This project will reduce excessive water loss to 277 existing customers by extending new water lines to an area that have aging lines installed from 1930-1965.				
Currently the City of Hazard serves 8,162 residential and 967 commercial, industrial and wholesale customers.				
PROJECT FINANCING		PROJECT BUDGET		
Fund F Loan	\$1,950,000	RD Fee %	Actual %	
				Administrative Expenses \$50,000
				Legal Expenses 5,000
		Eng - Design / Const 8.1%	8.1%	133,000
		Eng - Insp 5.0%	5.0%	82,000
		Eng - Other		35,000
		Construction		1,496,310
		Contingency		148,690
TOTAL	\$1,950,000	TOTAL		\$1,950,000
REPAYMENT	Rate	0.25%	Est. Annual Payment	\$72,384
	Term	30 Years	1st Payment	6 Mo. after first draw
PROFESSIONAL SERVICES	Engineer	Nesbitt Engineering		
	Bond Counsel	Rubin & Hays		
PROJECT SCHEDULE	Bid Opening	Jun-22		
	Construction Start	Sep-22		
	Construction Stop	Sep-23		
DEBT PER CUSTOMER	Existing	\$591		
	Proposed	\$967		
OTHER DEBT	See Attached			
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>	
	Current	9,129	\$31.24	(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	790,123	327,072	463,051	2.4
Audited 2019	(62,737)	311,060	(373,797)	-0.2
Audited 2020	1,252,031	185,914	1,066,117	6.7
Projected 2021	1,274,293	287,298	986,996	4.4
Projected 2022	1,299,173	280,239	1,018,935	4.6
Projected 2023	1,317,952	316,319	1,001,633	4.2
Projected 2024	1,336,438	352,147	984,291	3.8
Projected 2025	1,355,441	387,949	967,492	3.5

Reviewer: Alex Fisher  
Date: March 3, 2022  
Loan Number: F22-012

**KENTUCKY INFRASTRUCTURE AUTHORITY  
DRINKING WATER STATE REVOLVING FUND (FUND F)  
CITY OF HAZARD, PERRY COUNTY  
PROJECT REVIEW  
WX21193046**

**I. PROJECT DESCRIPTION**

The City of Hazard (“City”) is requesting a Fund F loan in the amount of \$1,950,000 for the Lothair Waterline Replacement project. This project will reduce excessive water loss to 277 customers by extending new water lines to an area that have aging lines installed from 1930-1965.

The various components of this project include 26 hydrants, 12 combination air release valve assemblies, 2 leak detection assemblies, and an overall map of the distribution system. Thousands of linear feet of PVC and a number of gate valves shown below are also included in the project.

- 8” PVC 3,065 LF
- 6” PVC 11,615 LF
- 4” PVC 1,415 LF
- 3” PVC 2,965 LF
- 2” PVC 5,445 LF
- ¾” service line 13,800 LF
- 12 – 8” gate valves
- 36 – 6” gate valves
- 7 – 4” gate valves
- 9 – 3” gate valves
- 9 – 2” gate valves

Currently the City of Hazard serves 8,162 residential and 967 commercial, industrial and wholesale customers.

## II. PROJECT BUDGET

	<u>Total</u>
Administrative Expenses	\$ 50,000
Legal Expenses	5,000
Engineering Fees - Design	105,000
Engineering Fees - Construction	28,000
Engineering Fees - Inspection	82,000
Engineering Fees - Other	35,000
Construction	1,496,310
Contingency	148,690
<b>Total</b>	<b>\$ 1,950,000</b>

## III. PROJECT FUNDING

	<u>Amount</u>	<u>%</u>
Fund F Loan	\$ 1,950,000	100%
<b>Total</b>	<b>\$ 1,950,000</b>	<b>100%</b>

## IV. KIA DEBT SERVICE

Construction Loan	\$ 1,950,000
Less: Principal Forgiveness	0
Amortized Loan Amount	\$ 1,950,000
Interest Rate	0.25%
Loan Term (Years)	30
Estimated Annual Debt Service	\$ 67,509
Administrative Fee (0.25%)	4,875
<b>Total Estimated Annual Debt Service</b>	<b>\$ 72,384</b>

## V. PROJECT SCHEDULE

Bid Opening	June 2022
Construction Start	September 2022
Construction Stop	September 2023

## VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

### A) Customers

<u>Customers</u>	<u>Current</u>
Residential	8,162
Commercial	967
<b>Total</b>	<b>9,129</b>

## B) Rates

<b>WATER IN CITY</b>	Current	Prior	Prior
Date of Last Rate Increase	02/01/21	02/01/20	05/01/19
Minimum (2,000 gallons)	\$18.28	\$18.03	\$17.62
Next 8,000 Gallons	6.48	6.39	6.25
Cost for 4,000 gallons	\$31.24	\$30.81	\$30.12
Increase %	1.4%	2.3%	
Affordability Index (Rate/MHI)	1.0%	1.0%	

<b>WATER OUTSIDE THE CITY</b>	Current	Prior	Prior
Date of Last Rate Increase	02/01/21	02/01/20	05/01/19
Minimum (2,000 gallons)	\$22.35	\$22.04	\$21.54
Next 8,000 Gallons	8.56	8.44	8.25
Cost for 4,000 gallons	\$39.47	\$38.92	\$38.04
Increase %	1.4%	2.3%	
Affordability Index (Rate/MHI)	1.2%	1.2%	

## VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2015-2019, the Utility's service area population was 23,719 with a Median Household Income (MHI) of \$38,655. The median household income for the Commonwealth is \$50,589. The project will qualify for a 0.25% interest rate.

## VIII. 2020 CAPITALIZATION GRANT EQUIVALENCIES

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

## IX. FINANCIAL ANALYSIS

Financial information was obtained from the audited financial statements for the years ended June 30, 2018 through June 30, 2020. The non-cash impacts of GASB 68 – Accounting and Financial Reporting for Pensions and GASB 75 – Accounting and Financial Reporting for Other Postemployment Benefit have been removed from the operating expenses. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

## HISTORY

Revenues increased 25.6% from \$3.87 million in 2018 to \$4.86 in 2020. The 25.6% increase was due primarily to the May 1, 2019 rate increases for “In City” and “Outside City” water of 45.9% and 33.1% respectively. While operating expenses increased 17.3% from \$3.08 million to \$3.61 million during the same period primarily due to increased wages and material and supply costs. Wages increased 2.18% from 2018 to 2020, while materials and supplies increased 8.50%. Consolidated cash flow before debt service averaged \$659,806 in the 3 audited years. The debt coverage ratio was 2.4, (0.2), and 6.7 in 2018, 2019, and 2020 respectively.

The balance sheet reflects a current ratio of 3.0, a debt to equity ratio of 0.3, 86.3 days of sales in accounts receivable, and 0.7 months of operating expenses in unrestricted cash.

## PROJECTIONS

Projections are based on the following assumptions:

- 1) Water revenue will increase by 2% annually due to the City’s Consumer’s Price Index clause.
- 2) Expenses will increase 2% due to inflation.
- 3) Debt service coverage is 3.8 in 2024 when principal and interest repayments begin.

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

## REPLACEMENT RESERVE

The replacement reserve will be 5% (\$98,000 total) of the final amount borrowed to be funded annually (\$4,900 yearly) each December 1 for 20 years and maintained for the life of the loan.

## X. DEBT OBLIGATIONS

	<u>Outstanding</u>	<u>Maturity</u>
Ky Bond Corp	2,952,885	2050
Series 2014A	2,075,500	2035
Series 2014B	358,800	2035
Cat Financial	6,055	2022
<b>Total</b>	<b>\$ 5,393,240</b>	

## **XI. CONTACTS**

### **Legal Applicant**

Entity Name	City of Hazard
Authorized Official	Donald Mobelini (Mayor)
County	Perry
Email	donald.mobelini@hazardky.gov
Phone	(606) 436-3171
Address	PO Box 420 Hazard, KY 41702

### **Applicant Contact**

Name	Donald Mobelini
Organization	City of Hazard
Email	donald.mobelini@hazardky.gov
Phone	(606) 436-3171
Address	PO Box 420 Hazard, KY 41702

### **Project Administrator**

Name	Angelia Hall
Organization	Perry County Fiscal Court/City of Hazard
Email	hazardperrygrants@yahoo.com
Phone	(606) 436-4513
Address	PO Drawer 210 Hazard, KY 41702

### **Consulting Engineer**

PE Name	Paul Nesbitt
Firm Name	Nesbitt Engineering
Email	pnesbitt@nei-ky.com
Phone	(859) 233-3111
Address	227 N Upper St Lexington, KY 40507

## **XII. RECOMMENDATIONS**

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

**CITY OF HAZARD  
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>
<b>Balance Sheet</b>								
<b>Assets</b>								
Current Assets	1,348,504	1,626,506	1,558,170	2,627,713	3,669,947	4,695,380	5,703,972	6,696,164
Other Assets	33,203,688	34,215,262	34,280,847	32,855,292	31,667,291	37,675,990	38,451,989	37,285,388
<b>Total</b>	<b>34,552,192</b>	<b>35,841,768</b>	<b>35,839,017</b>	<b>35,483,005</b>	<b>35,337,238</b>	<b>42,371,370</b>	<b>44,155,961</b>	<b>43,981,552</b>
<b>Liabilities &amp; Equity</b>								
Current Liabilities	553,431	838,041	513,041	512,936	518,946	622,956	679,766	686,376
Long Term Liabilities	8,711,440	8,495,916	8,664,496	8,428,912	8,273,718	10,221,777	11,860,663	11,545,439
<b>Total Liabilities</b>	<b>9,264,871</b>	<b>9,333,957</b>	<b>9,177,537</b>	<b>8,941,848</b>	<b>8,792,664</b>	<b>10,844,733</b>	<b>12,540,429</b>	<b>12,231,815</b>
<b>Net Assets</b>	<b>25,287,321</b>	<b>26,507,811</b>	<b>26,661,480</b>	<b>26,541,157</b>	<b>26,544,574</b>	<b>31,526,637</b>	<b>31,615,532</b>	<b>31,749,737</b>
<b>Cash Flow</b>								
Revenues	3,868,868	3,746,029	4,859,156	4,955,786	5,054,348	5,154,882	5,257,426	5,362,021
Operating Expenses	3,079,916	3,810,649	3,611,848	3,684,085	3,757,767	3,839,522	3,923,580	4,009,172
Other Income	1,171	1,883	4,723	2,592	2,592	2,592	2,592	2,592
<b>Cash Flow Before Debt Service</b>	<b>790,123</b>	<b>(62,737)</b>	<b>1,252,031</b>	<b>1,274,293</b>	<b>1,299,173</b>	<b>1,317,952</b>	<b>1,336,438</b>	<b>1,355,441</b>
<b>Debt Service</b>								
Existing Debt Service	327,072	311,060	185,914	287,298	280,239	316,319	315,955	315,565
Proposed KIA Loan	0	0	0	0	0	0	36,192	72,384
<b>Total Debt Service</b>	<b>327,072</b>	<b>311,060</b>	<b>185,914</b>	<b>287,298</b>	<b>280,239</b>	<b>316,319</b>	<b>352,147</b>	<b>387,949</b>
<b>Cash Flow After Debt Service</b>	<b>463,051</b>	<b>(373,797)</b>	<b>1,066,117</b>	<b>986,996</b>	<b>1,018,935</b>	<b>1,001,633</b>	<b>984,291</b>	<b>967,492</b>
<b>Ratios</b>								
Current Ratio	2.4	1.9	3.0	5.1	7.1	7.5	8.4	9.8
Debt to Equity	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4
Days Sales in Accounts Receivable	94.9	108.2	86.3	86.3	86.3	86.3	86.3	86.3
Months Operating Expenses in Unrestricted Cash	0.5	0.2	0.7	3.9	7.0	10.0	12.9	15.5
Debt Coverage Ratio	2.4	(0.2)	6.7	4.4	4.6	4.2	3.8	3.5

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady	
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		Date	March 3, 2022	
<b>FUND F, FEDERALLY ASSISTED DRINKING WATER</b>		KIA Loan Number	F22-005	
<b>REVOLVING LOAN FUND</b>		WRIS Number	WX21231018	
BORROWER	CITY OF MONTICELLO WAYNE COUNTY			
BRIEF DESCRIPTION				
The City of Monticello is requesting a Fund F loan in the amount of \$2,340,250 for the New Powersburg Booster Pump Station (BPS), Wray Hill BPS/Storage Tank Replacement, and Miscellaneous Water Line Improvements project. This project consists of a new bps with a capacity of 700 gallons per minute (gpm), the replacement of a bps with a capacity of 80 gpm, and the replacement of a water storage tank. Approximately 28,000 linear feet of water lines in various locations will be replaced.				
PROJECT FINANCING		PROJECT BUDGET		
Fund F Loan	\$2,340,250	Administrative Expenses	RD Fee %	Actual %
CWP Grant (for CPBOC approval)	746,750	Legal Expenses		
		Land, Easements		
		Planning		
		Eng - Design / Const	7.4%	6.9%
		Eng - Insp	4.3%	4.1%
		Eng - Other		
		Construction		
		Contingency		
TOTAL	\$3,087,000	TOTAL		\$3,087,000
REPAYMENT	Rate	0.25%	Est. Annual Payment	\$86,870
	Term	30 Years	1st Payment	6 Mo. after first draw
PROFESSIONAL SERVICES	Engineer	Bell Engineering		
	Bond Counsel	Rubin & Hays		
PROJECT SCHEDULE	Bid Opening	Oct-22		
	Construction Start	Nov-22		
	Construction Stop	Nov-23		
DEBT PER CUSTOMER	Existing	\$2,065		
	Proposed	\$2,122		
OTHER DEBT	See Attached			
RESIDENTIAL RATES	Current	Users	Avg. Bill	
		8,562	\$23.49	(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	1,766,383	924,829	841,554	1.9
Audited 2019	1,670,666	891,684	778,982	1.9
Audited 2020	1,467,169	770,135	697,034	1.9
Projected 2021	1,402,078	935,029	467,049	1.5
Projected 2022	1,335,685	933,637	402,048	1.4
Projected 2023	1,267,964	931,307	336,657	1.4
Projected 2024	1,192,989	976,845	216,144	1.2
Projected 2025	1,122,532	1,022,187	100,345	1.1

Reviewer: John Brady  
Date: March 3, 2022  
Loan Number: F22-005

**KENTUCKY INFRASTRUCTURE AUTHORITY  
DRINKING WATER STATE REVOLVING FUND (FUND F)  
CITY OF MONTICELLO, WAYNE COUNTY  
PROJECT REVIEW  
WX21231018**

**I. PROJECT DESCRIPTION**

The City of Monticello is requesting a Fund F loan in the amount of \$2,340,250 for the New Powersburg Booster Pump Station (BPS), Wray Hill BPS/Storage Tank Replacement, and Miscellaneous Water Line Improvements project. This project consists of a new BPS with a capacity of 700 gallons per minute (gpm), the replacement of a BPS with a capacity of 80 gpm, and the replacement of a water storage tank. Approximately 28,000 linear feet of existing water lines in various locations will be replaced.

The City currently serves approximately 8,000 residential customers and 575 commercial customers. They provide wholesale service to the Bronston Water Association.

**II. PROJECT BUDGET**

	<u>Total</u>
Administrative Expenses	\$ 75,000
Legal Expenses	25,000
Land, Easements	25,000
Planning	125,000
Engineering Fees - Design	120,000
Engineering Fees - Construction	51,000
Engineering Fees - Inspection	101,000
Engineering Fees - Other	90,000
Construction	2,250,000
Contingency	225,000
<b>Total</b>	<b>\$ 3,087,000</b>

### III. PROJECT FUNDING

	<u>Amount</u>	<u>%</u>
Fund F Loan	\$ 2,340,250	76%
CWP Grant	746,750	24%
<b>Total</b>	<b>\$ 3,087,000</b>	<b>100%</b>

### IV. KIA DEBT SERVICE

Construction Loan	\$ 2,340,250
Less: Principal Forgiveness	<u>0</u>
Amortized Loan Amount	\$ 2,340,250
Interest Rate	0.25%
Loan Term (Years)	<u>30</u>
Estimated Annual Debt Service	\$ 81,019
Administrative Fee (0.25%)	<u>5,851</u>
<b>Total Estimated Annual Debt Service</b>	<b>\$ 86,870</b>

### V. PROJECT SCHEDULE

Bid Opening	October 2022
Construction Start	November 2022
Construction Stop	November 2023

### VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

#### A) Customers

<u>Customers</u>	<u>Current</u>
Residential	7,984
Commercial	577
Wholesale	<u>1</u>
<b>Total</b>	<b>8,562</b>

## B) Rates

<b>Water</b>	<b>Inside City</b>		<b>Outside City</b>	
	Current	Prior	Current	Prior
Date of Last Increase	03/22/16	03/28/11	03/22/16	03/28/11
Minimum (2,500) gallons	\$18.72	\$15.60	\$27.11	\$19.50
Next 2,000 gallons (per 1,000)	\$3.18	\$2.65	\$4.60	\$3.31
Cost for 4,000 gallons	\$23.49	\$19.58	34.01	24.47
Increase %	20.00%		39.01%	
Affordability Index (Rate/MHI)	0.8%		1.2%	

<b>Sewer</b>	<b>Inside City</b>		<b>Outside City</b>	
	Current	Prior	Current	Prior
Date of Last Increase	03/22/16	03/28/11	03/22/16	03/28/11
Minimum (2,500) gallons	\$17.43	\$11.94	\$22.66	\$15.52
Next 2,000 gallons (per 1,000)	\$4.43	\$3.04	\$5.77	\$3.95
Cost for 4,000 gallons	\$24.08	\$16.50	31.32	21.45
Increase %	45.91%		46.02%	
Affordability Index (Rate/MHI)	0.8%		1.1%	

## VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2015-2019, the Utility's service area population was 17,517 with a Median Household Income (MHI) of \$34,810. The median household income for the Commonwealth is \$50,589. The project will qualify for a 0.25% interest rate.

## VIII. 2020 CAPITALIZATION GRANT EQUIVALENCIES

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

## IX. FINANCIAL ANALYSIS

Financial information was obtained from the audited financial statements for the years ended June 30, 2018 through June 30, 2020. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

## HISTORY

Total water and sewer revenues decreased 2.8% from \$4.84 million in 2018 to \$4.71 million in 2020. Operating expenses increased 5.6% from \$4.57 million to \$4.76 million during the same period. The debt coverage ratio was 1.9 in 2018, 2019, and 2020.

The balance sheet reflects a current ratio of 0.5, a debt to equity ratio of 0.8, 23.3 days of sales in accounts receivables, and 0.3 months operating expenses in unrestricted cash.

## PROJECTIONS

Projections are based on the following assumptions:

- 1) Water and sewer revenues will both remain flat.
- 2) Operating expenses will increase 2% annually due to inflation.
- 3) Debt service coverage is 1.2 in 2024 when principal and interest repayments begin.

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

## REPLACEMENT RESERVE

The replacement reserve will be 5% (\$118,000 total) of the final amount borrowed to be funded annually (\$5,900 yearly) each December 1 for 20 years and maintained for the life of the loan.

## X. DEBT OBLIGATIONS

	<u>Outstanding</u>	<u>Maturity</u>
2002 Revenue Bonds	\$ 789,000	2042
2009 Revenue Bonds	703,674	2049
2012 Revenue Bonds	4,563,000	2053
2013A Revenue Bonds	5,911,500	2053
2013B Revenue Bonds	1,792,000	2053
2019 Revenue Bonds	3,455,000	2045
Citizens National Bank Note	<u>218,906</u>	2030
<b>Total</b>	<b>\$17,433,080</b>	

## **XI. CONTACTS**

### **Legal Applicant**

Entity Name	City of Monticello
Authorized Official	Tracie Sexton (Mayor)
County	Wayne
Email	traciesexton@monticelloky.com
Phone	(606) 348-5719
Address	120 S Main St Monticello, KY 42633

### **Applicant Contact**

Name	Scott Upchurch
Organization	Monticello Utility Commission
Email	s.upchurch@monticelloutility.com
Phone	(606) 348-8473
Address	1040 N Main St Monticello, KY 42633

### **Project Administrator**

Name	Judy Hachey
Organization	LCADD
Email	judyh@lcadd.org
Phone	(270) 866-4200
Address	2384 Lakeway Dr Russell Springs, KY 42642

### **Consulting Engineer**

PE Name	Michael Lile
Firm Name	Bell Engineering
Email	mlile@hkbell.com
Phone	(606) 485-4011
Address	205 E Mt Vernon St Somerset, KY 42501

## **XII. RECOMMENDATIONS**

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

**CITY OF MONTICELLO**  
**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>
<b>Balance Sheet</b>								
<b>Assets</b>								
Current Assets	521,453	574,552	525,667	619,038	699,447	766,779	810,008	830,077
Other Assets	45,903,406	43,182,532	42,230,365	41,094,880	39,907,395	38,590,421	40,269,937	38,769,814
<b>Total</b>	<b>46,424,859</b>	<b>43,757,084</b>	<b>42,756,032</b>	<b>41,713,918</b>	<b>40,606,842</b>	<b>39,357,200</b>	<b>41,079,945</b>	<b>39,599,891</b>
<b>Liabilities &amp; Equity</b>								
Current Liabilities	1,135,589	1,059,181	994,981	1,010,175	1,024,939	1,044,734	1,143,202	1,158,197
Long Term Liabilities	21,774,021	20,621,978	18,584,148	18,129,972	17,662,632	17,177,097	18,935,044	18,339,445
<b>Total Liabilities</b>	<b>22,909,610</b>	<b>21,681,159</b>	<b>19,579,129</b>	<b>19,140,147</b>	<b>18,687,571</b>	<b>18,221,831</b>	<b>20,078,246</b>	<b>19,497,643</b>
<b>Net Assets</b>	<b>23,515,249</b>	<b>22,075,925</b>	<b>23,176,903</b>	<b>22,573,771</b>	<b>21,919,271</b>	<b>21,135,369</b>	<b>21,001,699</b>	<b>20,102,248</b>
<b>Cash Flow</b>								
Revenues	4,842,877	4,827,405	4,707,528	4,707,528	4,707,528	4,707,528	4,707,528	4,707,528
Operating Expenses	3,082,319	3,163,064	3,254,557	3,319,648	3,386,041	3,453,762	3,528,737	3,599,194
Other Income	5,825	6,325	14,198	14,198	14,198	14,198	14,198	14,198
<b>Cash Flow Before Debt Service</b>	<b>1,766,383</b>	<b>1,670,666</b>	<b>1,467,169</b>	<b>1,402,078</b>	<b>1,335,685</b>	<b>1,267,964</b>	<b>1,192,989</b>	<b>1,122,532</b>
<b>Debt Service</b>								
Existing Debt Service	924,829	891,684	770,135	935,029	933,637	931,307	933,410	935,317
Proposed KIA Loan	0	0	0	0	0	0	43,435	86,870
<b>Total Debt Service</b>	<b>924,829</b>	<b>891,684</b>	<b>770,135</b>	<b>935,029</b>	<b>933,637</b>	<b>931,307</b>	<b>976,845</b>	<b>1,022,187</b>
<b>Cash Flow After Debt Service</b>	<b>841,554</b>	<b>778,982</b>	<b>697,034</b>	<b>467,049</b>	<b>402,048</b>	<b>336,657</b>	<b>216,144</b>	<b>100,345</b>
<b>Ratios</b>								
Current Ratio	0.5	0.5	0.5	0.6	0.7	0.7	0.7	0.7
Debt to Equity	1.0	1.0	0.8	0.8	0.9	0.9	1.0	1.0
Days Sales in Accounts Receivable	27.5	27.8	23.3	23.3	23.3	23.3	23.3	23.3
Months Operating Expenses in Unrestricted Cash	0.1	0.1	0.3	0.7	0.9	1.1	1.3	1.3
Debt Coverage Ratio	1.9	1.9	1.9	1.5	1.4	1.4	1.2	1.1

<b>EXECUTIVE SUMMARY</b>		Reviewer	Alex Fisher	
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		Date	February 9, 2022	
<b>FUND F, FEDERALLY ASSISTED DRINKING WATER</b>		KIA Loan Number	F22-017	
<b>REVOLVING LOAN FUND</b>		WRIS Number	WX21121012	
BORROWER	KNOX COUNTY UTILITY COMMISSION KNOX COUNTY			
BRIEF DESCRIPTION				
The Knox County Utility Commission is requesting a Fund F loan in the amount of \$1,193,000 for the Barbourville Connection – KY 225 project. This project will lay about 15,000 LF of 8” main, add a booster station, valves and telemetry.				
PROJECT FINANCING		PROJECT BUDGET		
Fund F Loan	\$1,193,000	RD Fee %	Actual %	
Cleaner Water Grant (for CPBOC approval)	1,143,832			
		Administrative Expenses		\$32,500
		Legal Expenses		7,500
		Planning		5,000
		Eng - Design / Const	7.6%	7.1%
		Eng - Insp	4.6%	4.3%
		Eng - Other		24,102
		Construction		1,850,000
		Contingency		185,000
TOTAL	\$2,336,832	TOTAL		\$2,336,832
REPAYMENT	Rate	0.25%	Est. Annual Payment	\$32,087
	Term	20 Years	1st Payment	6 Mo. after first draw
PROFESSIONAL SERVICES	Engineer	Kenvirons, Inc.		
	Bond Counsel	Rubin & Hays		
PROJECT SCHEDULE	Bid Opening	May-22		
	Construction Start	Jul-22		
	Construction Stop	Feb-23		
DEBT PER CUSTOMER	Existing	\$688		
	Proposed	\$787		
OTHER DEBT	See Attached			
RESIDENTIAL RATES	Current	<u>Users</u>	<u>Avg. Bill</u>	
		2,886	\$46.03	(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	192,013	157,275	34,738	1.2
Audited 2019	153,941	155,402	(1,461)	1.0
Audited 2020	236,937	158,526	78,411	1.5
Projected 2021	211,799	156,263	55,536	1.4
Projected 2022	186,158	158,338	27,820	1.2
Projected 2023	200,139	171,294	28,846	1.2
Projected 2024	203,081	189,250	13,831	1.1
Projected 2025	206,083	191,000	15,083	1.1

Reviewer: Alex Fisher  
Date: February 9, 2022  
Loan Number: F22-017

**KENTUCKY INFRASTRUCTURE AUTHORITY  
DRINKING WATER STATE REVOLVING FUND (FUND F)  
KNOX COUNTY UTILITY COMMISSION, KNOX COUNTY  
PROJECT REVIEW  
WX21121012**

**I. PROJECT DESCRIPTION**

The Knox County Utility Commission is requesting a Fund F loan in the amount of \$1,193,000 for the Barbourville Connection – KY 225 project. This project will lay about 15,000 LF of 8” main, add a booster station, valves and telemetry.

The project will address additional old 4” and 6” mains with push-on joint PVC and asbestos cement by installing the 8” lines. A 4” master meter pit and additional gate and air release valves will be included in this project.

Currently the Knox County Utility Commission serves 2,778 residential and over 100 commercial and industrial customers.

**II. PROJECT BUDGET**

	<b>Total</b>
Administrative Expenses	\$ 32,500
Legal Expenses	7,500
Planning	5,000
Engineering Fees - Design	115,884
Engineering Fees - Construction	28,971
Engineering Fees - Inspection	87,875
Engineering Fees - Other	24,102
Construction	1,850,000
Contingency	185,000
<b>Total</b>	<b>\$ 2,336,832</b>

**III. PROJECT FUNDING**

	<b>Amount</b>	<b>%</b>
Fund F Loan	\$ 1,193,000	51%
Cleaner Water Grant	1,143,832	49%
<b>Total</b>	<b>\$ 2,336,832</b>	<b>100%</b>

#### IV. KIA DEBT SERVICE

Construction Loan	\$ 1,193,000
Less: Principal Forgiveness	596,500
Amortized Loan Amount	<u>\$ 596,500</u>
Interest Rate	0.25%
Loan Term (Years)	<u>20</u>
Estimated Annual Debt Service	\$ 30,595
Administrative Fee (0.25%)	1,491
<b>Total Estimated Annual Debt Service</b>	<b>\$ 32,087</b>

#### V. PROJECT SCHEDULE

Bid Opening	May 2022
Construction Start	July 2022
Construction Stop	February 2023

#### VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

##### A) Customers

<u>Customers</u>	<u>Current</u>
Residential	2,778
Commercial	53
Other	55
Total	<u>2,886</u>

##### B) Rates

<b>Water</b>	<u>Current</u>	<u>Prior</u>
Date of Last Rate Increase	07/22/20	09/16/15
Minimum (1,000 gallons)	\$21.07	\$18.68
Per 1,000 Gallons	8.32	7.38
Cost for 4,000 gallons	\$46.03	\$40.82
Increase %	12.8%	
Affordability Index (Rate/MHI)	2.5%	

#### VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2015-2019, the Utility's service area population was 7,853 with a Median Household Income (MHI) of \$22,335. The median household income for the Commonwealth is \$50,589. The project will qualify for a 0.25% interest rate.

## **VIII. 2020 CAPITALIZATION GRANT EQUIVALENCIES**

- 1) Green Project Reserve - The Drinking Water capitalization grant does not contain a “green” requirement.
- 2) Additional Subsidization – This project qualifies for additional subsidization. Principal forgiveness of 50% of the assistance amount, not to exceed \$596,500 will be credited to the loan balance upon release of liens on all contracts and disbursement of the final draw request by KIA to the borrower.

## **IX. FINANCIAL ANALYSIS**

Financial information was obtained from the audited financial statements for the years ended June 30, 2018 through June 30, 2020. The non-cash impacts of GASB 68 – Accounting and Financial Reporting for Pensions and GASB 75 – Accounting and Financial Reporting for Other Postemployment Benefit have been removed from the operating expenses. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

### HISTORY

Water and sewer revenues increased 2% from \$1.45 million in 2018 to \$1.49 in 2020 while operating expenses decreased 1% from \$1.27 million to \$1.26 million during the same period. Consolidated cash flow before debt service averaged \$194,297 in the 3 audited years. The debt coverage ratio was 1.2, 1.0, and 1.5 in 2018, 2019, and 2020 respectively.

The balance sheet reflects a current ratio of 4.4, a debt to equity ratio of 0.7, 74.7 days of sales in accounts receivable, and 6.6 months of operating expenses in unrestricted cash.

### PROJECTIONS

Projections are based on the following assumptions:

- 1) Water revenues will need rate increases of 3% in Fiscal Year (FY) 2023, and 2% each for FY 2024 and FY 2025 to maintain the 1.1 debt coverage ratio.
- 2) The Cleaner Water Grant will contribute 49% to this project budget equaling \$1,143,832.
- 3) The Knox County Utility Commission receives Public Service Commission approval documentation.
- 4) Expenses will increase 2% due to inflation.
- 5) Debt service coverage is 1.2 in 2023 when principal and interest repayments begin.

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

The Knox County Utility Commission is regulated by the Public Service Commission and will need to apply to the Public Service Commission (PSC), pursuant to KRS 278.300, for debt authorization for the \$1.193 million loan and District must receive a Certificate of Public Convenience and Necessity (CPCN), pursuant to KRS 278.020.

**REPLACEMENT RESERVE**

The replacement reserve will be 5% (\$60,000 total) of the final amount borrowed (prior to principal forgiveness) to be funded annually (\$3,000 yearly) each December 1 for 20 years and maintained for the life of the loan.

**X. DEBT OBLIGATIONS**

	<u>Outstanding</u>	<u>Maturity</u>
Ky RWF Corp	\$ 1,985,000	2039
<b>Total</b>	<b>\$ 1,985,000</b>	

**XI. CONTACTS**

<b>Legal Applicant</b>	
Entity Name	Knox County Utility Commission
Authorized Official	Sam Watts (Chairman )
County	Knox
Email	knoxcouility@aol.com
Phone	(606) 627-0090
Address	PO Box 1630 Barbourville , KY 40906

<b>Applicant Contact</b>	
Name	Marshall Ramey
Organization	Knox County Utility Commission
Email	knoxcouility@aol.com
Phone	(606) 546-5300
Address	1905 KY 930 Barbourville, KY 40906

**Project Administrator**

Name	Michelle Stewart
Organization	Knox County Utility Commission
Email	knoxcouility@aol.com
Phone	(606) 546-5300
Address	1905 KY 930 Barbourville, KY 40906

**Consulting Engineer**

PE Name	Kenneth Dale Taylor
Firm Name	Kenvirons, Inc.
Email	ktaylor@kenvirons.com
Phone	(502) 695-4357
Address	770 Wilkinson Blvd. Frankfort, KY 40601

**XII. RECOMMENDATIONS**

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

- By March 31<sup>st</sup>, 2022, the Knox County Utility Commission will need a resolution from the Knox County Commission Board, demonstrating their intentions to increase revenues as necessary and authorized by the Public Service Commission (PSC) to meet the loan requirements over the life of the loan. KIA Staff review indicates that revenues would need to be increase by \$43,100, which equates approximately to rates increasing by 3% in Fiscal Year 2023, to meet expenses and debt service in the first full year of debt service in 2024. In addition to the 3% in FY 2023, KIA indicates that 2% each year in FY 2024 and FY 2025 will be needed to maintain the 1.1 debt coverage ratio.

**KNOX COUNTY UTILITY COMMISSION  
FINANCIAL SUMMARY (DECEMBER 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>
<b>Balance Sheet</b>								
<b>Assets</b>								
Current Assets	1,154,064	1,000,547	1,033,772	1,090,831	1,118,651	1,156,297	1,176,228	1,197,511
Other Assets	7,671,042	7,828,514	7,619,571	7,373,893	9,461,984	9,157,822	8,853,660	8,549,498
<b>Total</b>	<b>8,825,106</b>	<b>8,829,061</b>	<b>8,653,343</b>	<b>8,464,724</b>	<b>10,580,635</b>	<b>10,314,119</b>	<b>10,029,888</b>	<b>9,747,009</b>
<b>Liabilities &amp; Equity</b>								
Current Liabilities	197,725	231,933	235,321	241,233	271,958	277,858	283,858	289,858
Long Term Liabilities	3,202,743	3,355,121	3,421,077	3,337,413	3,809,088	3,679,263	3,544,438	3,404,613
<b>Total Liabilities</b>	<b>3,400,468</b>	<b>3,587,054</b>	<b>3,656,398</b>	<b>3,578,646</b>	<b>4,081,046</b>	<b>3,957,121</b>	<b>3,828,296</b>	<b>3,694,471</b>
<b>Net Assets</b>	<b>5,424,638</b>	<b>5,242,007</b>	<b>4,996,945</b>	<b>4,886,078</b>	<b>6,499,589</b>	<b>6,356,998</b>	<b>6,201,592</b>	<b>6,052,538</b>
<b>Cash Flow</b>								
Revenues	1,454,617	1,466,635	1,489,347	1,489,347	1,489,347	1,532,482	1,562,101	1,592,313
Operating Expenses	1,268,855	1,318,105	1,256,899	1,282,037	1,307,678	1,336,832	1,363,509	1,390,719
Other Income	6,251	5,411	4,489	4,489	4,489	4,489	4,489	4,489
<b>Cash Flow Before Debt Service</b>	<b>192,013</b>	<b>153,941</b>	<b>236,937</b>	<b>211,799</b>	<b>186,158</b>	<b>200,139</b>	<b>203,081</b>	<b>206,083</b>
<b>Debt Service</b>								
Existing Debt Service	157,275	155,402	158,526	156,263	158,338	155,250	157,163	158,913
Proposed KIA Loan	0	0	0	0	0	16,044	32,087	32,087
<b>Total Debt Service</b>	<b>157,275</b>	<b>155,402</b>	<b>158,526</b>	<b>156,263</b>	<b>158,338</b>	<b>171,294</b>	<b>189,250</b>	<b>191,000</b>
<b>Cash Flow After Debt Service</b>	<b>34,738</b>	<b>(1,461)</b>	<b>78,411</b>	<b>55,536</b>	<b>27,820</b>	<b>28,846</b>	<b>13,831</b>	<b>15,083</b>
<b>Ratios</b>								
Current Ratio	5.8	4.3	4.4	4.5	4.1	4.2	4.1	4.1
Debt to Equity	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6
Days Sales in Accounts Receivable	46.1	49.0	74.7	74.7	74.7	74.7	74.7	74.7
Months Operating Expenses in Unrestricted Cash	8.9	6.9	6.6	7.0	7.1	7.3	7.2	7.2
Debt Coverage Ratio	1.2	1.0	1.5	1.4	1.2	1.2	1.1	1.1

**RESOLUTION**  
**KNOX COUNTY UTILITY COMMISSION**  
**BOARD OF COMMISSIONERS**

February 1, 2022

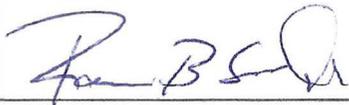
**Where as** in anticipation of receiving a loan from the Kentucky Infrastructure Authority (KIA) for the construction of the proposed Barbourville Connection – KY 225 Project with the following terms:

**KIA DEBT SERVICE**

Construction Loan:	\$ 1,193,000
Less Principal Forgiveness	<u>596,500</u>
Amortized Loan Amount	\$ 596,000
Interest Rate	0.25%
Loan Term (years)	<u>20</u>
Estimated Annual Debt Service	\$ 30,595
Administrative Fee (0.25%)	<u>1,491</u>
<b>Total Estimated Annual Debt Service</b>	<b>\$ 32,087</b>

**Therefore** the Knox County Utility Commission (KCUC) Board hereby pledges to increase its rates subject to the Kentucky Public Service approval, as necessary to meet the loan requirements over the life of the loan. KIA Staff review of the current revenues and expenses of KCUC indicates that revenues would need to be increase by \$ 43,100, which equates approximately to rates increased by 3% in Fiscal Year 2023, to meet expenses and debt service in the first full year of debt service in 2022. In addition to the 3% in FY 2023, KIA indicates that 2% increases each year in FY 2024 and FY 2025 will be needed to maintain the 1.1 debt coverage ratio.

Adopted this 1<sup>st</sup> day of February 2022.


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~~Sam Watts, Chairman~~  
**Ramiro Solis, Acting Chairman**  
 Knox County Utility Commission

ATTEST:   


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 Carolyn Smith, Treasurer  
 Knox County Utility Commission

**2021 Senate Bill 36 Announced Summary - Counties**

Note: This report reflects project announcements as of Tuesday, March 08, 2022 6:17 PM

County	SB 36 Part A Appropriated	SB 36 Part A Announced	SB Part A Remaining	SB 36 Part B Total Announced	SB 36 Part B1 Unserved Rural Announced	SB 36 Part B2 Consent Decree Announced	SB 36 Part C Announced	SB 36 Total Announced
Adair	\$ 705,214	\$ 705,214	-	-	-	-	-	\$ 705,214
Allen	\$ 782,816	\$ 782,816	-	-	-	-	-	\$ 782,816
Anderson	\$ 835,407	\$ 835,407	-	-	-	-	-	\$ 835,407
Ballard	\$ 289,695	\$ 289,695	-	-	-	-	-	\$ 289,695
Barren	\$ 1,625,091	\$ 1,625,091	-	-	-	-	-	\$ 1,625,091
Bath	\$ 459,076	\$ 459,076	-	-	-	-	-	\$ 459,076
Bell	\$ 956,052	-	\$ 956,052	-	-	-	-	-
Boone	\$ 4,905,902	\$ 4,905,902	-	\$ 3,650,000	-	\$ 3,650,000	-	\$ 8,555,902
Bourbon	\$ 726,735	\$ 726,735	-	-	-	-	-	\$ 726,735
Boyd	\$ 1,715,767	\$ 1,715,767	-	-	-	-	-	\$ 1,715,767
Boyle	\$ 1,103,985	\$ 1,103,985	-	-	-	-	-	\$ 1,103,985
Bracken	\$ 304,936	\$ 304,936	-	-	-	-	-	\$ 304,936
Breathitt	\$ 463,850	\$ 463,850	-	-	-	-	-	\$ 463,850
Breckinridge	\$ 752,039	-	\$ 752,039	-	-	-	-	-
Bullitt	\$ 2,999,636	\$ 2,999,636	-	-	-	-	-	\$ 2,999,636
Butler	\$ 472,995	-	\$ 472,995	-	-	-	-	-
Caldwell	\$ 468,147	\$ 468,147	-	-	-	-	-	\$ 468,147
Calloway	\$ 1,432,352	\$ 1,432,352	-	-	-	-	-	\$ 1,432,352
Campbell	\$ 3,436,970	\$ 3,436,970	-	\$ 1,350,000	-	\$ 1,350,000	-	\$ 4,786,970
Carlisle	\$ 174,816	\$ 174,816	-	-	-	-	-	\$ 174,816
Carroll	\$ 390,435	\$ 390,435	-	-	-	-	-	\$ 390,435
Carter	\$ 984,148	\$ 984,148	-	-	-	-	-	\$ 984,148
Casey	\$ 593,456	\$ 593,456	-	-	-	-	-	\$ 593,456
Christian	\$ 2,587,754	\$ 2,587,754	-	-	-	-	-	\$ 2,587,754
Clark	\$ 1,331,797	\$ 1,331,797	-	\$ 5,000,000	-	\$ 5,000,000	-	\$ 6,331,797
Clay	\$ 730,885	-	\$ 730,885	-	-	-	-	-
Clinton	\$ 375,267	\$ 375,267	-	-	-	-	-	\$ 375,267
Crittenden	\$ 323,410	\$ 323,410	-	-	-	-	-	\$ 323,410
Cumberland	\$ 242,906	\$ 242,906	-	-	-	-	-	\$ 242,906
Daviess	\$ 3,728,098	\$ 3,728,098	-	-	-	-	-	\$ 3,728,098
Edmonson	\$ 446,221	\$ 446,221	-	-	-	-	-	\$ 446,221
Elliott	\$ 276,070	\$ 276,070	-	-	-	-	-	\$ 276,070
Estill	\$ 518,058	\$ 518,058	-	-	-	-	-	\$ 518,058
Fayette	\$ 11,868,095	\$ 11,868,095	-	-	-	-	-	\$ 11,868,095
Fleming	\$ 535,502	\$ 535,502	-	-	-	-	-	\$ 535,502
Floyd	\$ 1,307,043	\$ 1,307,043	-	-	-	-	-	\$ 1,307,043
Franklin	\$ 1,872,698	\$ 1,872,698	-	-	-	-	-	\$ 1,872,698
Fulton	\$ 219,218	\$ 219,218	-	-	-	-	-	\$ 219,218
Gallatin	\$ 325,723	\$ 325,723	-	-	-	-	-	\$ 325,723
Garrard	\$ 648,802	\$ 648,802	-	-	-	-	-	\$ 648,802
Grant	\$ 920,685	\$ 920,685	-	-	-	-	-	\$ 920,685
Graves	\$ 1,368,633	-	\$ 1,368,633	-	-	-	-	-
Grayson	\$ 970,559	-	\$ 970,559	-	-	-	-	-
Green	\$ 401,820	-	\$ 401,820	-	-	-	-	-
Greenup	\$ 1,289,011	\$ 1,289,011	-	-	-	-	-	\$ 1,289,011
Hancock	\$ 320,325	\$ 320,325	-	-	-	-	-	\$ 320,325
Hardin	\$ 4,075,048	\$ 4,075,048	-	-	-	-	-	\$ 4,075,048
Harlan	\$ 955,244	-	\$ 955,244	-	-	-	-	-
Harrison	\$ 693,608	\$ 693,608	-	-	-	-	-	\$ 693,608
Hart	\$ 699,080	\$ 699,080	-	-	-	-	-	\$ 699,080
Henderson	\$ 1,660,384	\$ 1,660,384	-	-	-	-	-	\$ 1,660,384
Henry	\$ 592,244	\$ 592,244	-	-	-	-	-	\$ 592,244
Hickman	\$ 160,860	\$ 160,860	-	-	-	-	-	\$ 160,860
Hopkins	\$ 1,641,140	\$ 1,641,140	-	\$ 109,020	\$ 109,020	-	-	\$ 1,750,160
Jackson	\$ 489,521	-	\$ 489,521	-	-	-	-	-
Jefferson	\$ 14,079,994	\$ 14,079,994	-	-	-	-	-	\$ 14,079,994
Jessamine	\$ 1,987,430	\$ 1,987,430	-	-	-	-	-	\$ 1,987,430
Johnson	\$ 814,877	\$ 814,877	-	-	-	-	-	\$ 814,877
Kenton	\$ 6,133,176	\$ 6,133,176	-	-	-	-	-	\$ 6,133,176
Knott	\$ 543,766	\$ 543,766	-	-	-	-	-	\$ 543,766
Knox	\$ 1,143,833	\$ 1,143,833	-	-	-	-	-	\$ 1,143,833

Larue	\$ 528,782	-	\$ 528,782	-	-	-	-	-
Laurel	\$ 2,233,421	-	\$ 2,233,421	-	-	-	-	-
Lawrence	\$ 562,533	\$ 562,533	-	-	-	-	-	\$ 562,533
Lee	\$ 271,883	\$ 271,883	-	-	-	-	-	\$ 271,883
Leslie	\$ 362,743	\$ 362,743	-	-	-	-	-	\$ 362,743
Letcher	\$ 791,556	\$ 791,556	-	-	-	-	-	\$ 791,556
Lewis	\$ 487,538	\$ 487,538	-	-	-	-	-	\$ 487,538
Lincoln	\$ 901,588	\$ 901,588	-	-	-	-	-	\$ 901,588
Livingston	\$ 337,659	\$ 337,659	-	-	-	-	-	\$ 337,659
Logan	\$ 995,349	\$ 995,349	-	-	-	-	-	\$ 995,349
Lyon	\$ 301,521	\$ 301,521	-	-	-	-	-	\$ 301,521
Madison	\$ 3,415,045	\$ 3,415,045	-	-	-	-	-	\$ 3,415,045
Magoffin	\$ 446,625	\$ 446,625	-	-	-	-	-	\$ 446,625
Marion	\$ 707,821	\$ 707,821	-	-	-	-	-	\$ 707,821
Marshall	\$ 1,142,180	\$ 1,142,180	-	-	-	-	-	\$ 1,142,180
Martin	\$ 411,148	\$ 411,148	-	-	-	-	-	\$ 411,148
Mason	\$ 626,914	\$ 626,914	-	-	-	-	-	\$ 626,914
McCracken	\$ 2,402,544	\$ 2,402,544	-	-	-	-	-	\$ 2,402,544
McCreary	\$ 632,826	\$ 632,826	-	-	-	-	-	\$ 632,826
McLean	\$ 338,137	\$ 338,137	-	-	-	-	-	\$ 338,137
Meade	\$ 1,049,337	-	\$ 1,049,337	-	-	-	-	-
Menifee	\$ 238,315	\$ 158,876	\$ 79,439	-	-	-	-	\$ 158,876
Mercer	\$ 805,512	\$ 805,512	-	-	-	-	-	\$ 805,512
Metcalfe	\$ 369,868	\$ 369,868	-	-	-	-	-	\$ 369,868
Monroe	\$ 391,132	\$ 391,132	-	-	-	-	-	\$ 391,132
Montgomery	\$ 1,034,095	\$ 1,034,095	-	-	-	-	-	\$ 1,034,095
Morgan	\$ 488,787	\$ 488,787	-	-	-	-	-	\$ 488,787
Muhlenberg	\$ 1,124,625	\$ 1,124,625	-	-	-	-	-	\$ 1,124,625
Nelson	\$ 1,697,955	\$ 1,697,955	-	-	-	-	-	\$ 1,697,955
Nicholas	\$ 266,962	\$ 266,962	-	-	-	-	-	\$ 266,962
Ohio	\$ 881,205	\$ 881,205	-	-	-	-	-	\$ 881,205
Oldham	\$ 2,453,263	\$ 2,453,263	-	-	-	-	-	\$ 2,453,263
Owen	\$ 400,351	\$ 400,351	-	-	-	-	-	\$ 400,351
Owsley	\$ 162,145	\$ 162,145	-	-	-	-	-	\$ 162,145
Pendleton	\$ 535,833	\$ 535,833	-	-	-	-	-	\$ 535,833
Perry	\$ 945,989	\$ 945,989	-	-	-	-	-	\$ 945,989
Pike	\$ 2,125,557	\$ 2,125,557	-	-	-	-	-	\$ 2,125,557
Powell	\$ 453,897	\$ 453,897	-	-	-	-	-	\$ 453,897
Pulaski	\$ 2,386,422	\$ 2,386,422	-	-	-	-	-	\$ 2,386,422
Robertson	\$ 77,421	\$ 77,421	-	-	-	-	-	\$ 77,421
Rockcastle	\$ 613,141	-	\$ 613,141	-	-	-	-	-
Rowan	\$ 898,319	\$ 898,319	-	-	-	-	-	\$ 898,319
Russell	\$ 658,241	\$ 658,241	-	-	-	-	-	\$ 658,241
Scott	\$ 2,093,531	\$ 2,093,531	-	-	-	-	-	\$ 2,093,531
Shelby	\$ 1,800,458	\$ 1,800,458	-	-	-	-	-	\$ 1,800,458
Simpson	\$ 682,076	-	\$ 682,076	-	-	-	-	-
Spencer	\$ 710,686	-	\$ 710,686	-	-	-	-	-
Taylor	\$ 946,393	\$ 946,393	-	-	-	-	-	\$ 946,393
Todd	\$ 451,510	\$ 451,510	-	-	-	-	-	\$ 451,510
Trigg	\$ 538,073	\$ 538,073	-	-	-	-	-	\$ 538,073
Trimble	\$ 311,106	\$ 311,106	-	-	-	-	-	\$ 311,106
Union	\$ 528,157	\$ 498,705	\$ 29,452	-	-	-	-	\$ 498,705
Warren	\$ 4,880,744	\$ 4,880,744	-	-	-	-	-	\$ 4,880,744
Washington	\$ 444,202	\$ 444,202	-	-	-	-	-	\$ 444,202
Wayne	\$ 746,751	\$ 746,751	-	-	-	-	-	\$ 746,751
Webster	\$ 475,308	\$ 475,308	-	-	-	-	-	\$ 475,308
Whitley	\$ 1,331,833	\$ 1,331,833	-	-	-	-	-	\$ 1,331,833
Wolfe	\$ 262,848	\$ 262,848	-	-	-	-	-	\$ 262,848
Woodford	\$ 981,834	\$ 981,834	-	-	-	-	-	\$ 981,834
<b>Totals</b>	<b>\$ 150,000,000</b>	<b>\$ 136,975,918</b>	<b>\$ 13,024,082</b>	<b>\$ 10,109,020</b>	<b>\$ 109,020</b>	<b>\$ 10,000,000</b>	<b>-</b>	<b>\$ 147,084,938</b>

Part A = \$ 150 M appropriated proportionally to counties.

Part B = \$ 50 M appropriated for projects including unserved rural areas (B1) or federal consent decree (B2).

Part C = \$ 49.9 M appropriated to cover funding shortfalls.

Note: This report reflects project announcements as of Tuesday, March 08, 2022 6:17 PM.

WRIS Project Number	Project Type	ADD	Primary County	Impacted Counties	Grantee	Project Title	Total Announced	SB36 Part A (County Allocation) Announced	SB36 Part B1 (Unservd Rural) Announced	SB36 Part B2 (Consent Decree) Announced	SB36 Part C (Funding Shortfall) Announced
WX21001027	Water	LCADD	Adair	Adair	Adair County Water District	CAUD - River Crossing & Loop	\$705,214	\$705,214	-	-	-
WX21003024	Water	BRADD	Allen	Allen	Allen County Water District	W Old State Road Waterline Extension	\$103,816	\$103,816	-	-	-
SX21003014	Sewer	BRADD	Allen	Allen	Scottsville, City of	Allen Springs Industrial Park - Sewer Collection System	\$679,000	\$679,000	-	-	-
SX21005011	Sewer	BGADD	Anderson	Anderson	Lawrenceburg, City of	Lawrenceburg - Nathan Way Area Sewer Improvements	\$602,407	\$602,407	-	-	-
WX21005008	Water	BGADD	Anderson	Anderson	South Anderson Water District	SAWD System Upgrades 2021	\$233,000	\$233,000	-	-	-
WX21007030	Water	PUADD	Ballard	Ballard	Barlow, City of	Barlow Water Meter Replacement	\$72,424	\$72,424	-	-	-
SX21007022	Sewer	PUADD	Ballard	Ballard McCracken	Kevil, City of	WASTEWATER SYSTEM IMPROVEMENTS	\$72,424	\$72,424	-	-	-
WX21007019	Water	PUADD	Ballard	Ballard	La Center, City of	LaCenter Municipal Water-Ac Line Replacement Phase I	\$72,424	\$72,424	-	-	-
WX21007028	Water	PUADD	Ballard	Ballard	Wickliffe, City of	PHOENIX PAPER PROPERTY	\$72,423	\$72,423	-	-	-
WX21009033	Water	BRADD	Barren	Barren	Glasgow Water and Sewer Commission	Glasgow Water Improvement - 24-Inch Transmission Line Pritchardsville to Old Cavalry Drive (Phase 5 of 6)	\$1,625,091	\$1,625,091	-	-	-
SX21011026	Sewer	GWADD	Bath	Bath	Bath County Fiscal Court	Sanitary Sewer Feasibility Study Project	\$76,512	\$76,512	-	-	-
WX21011040	Water	GWADD	Bath	Bath Menifee	Bath County Water District	BCWD Improvements And Upgrades	\$76,513	\$76,513	-	-	-
SX21011002	Sewer	GWADD	Bath	Bath	Owingsville, City of	City of Owingsville Lagoon System Cleaning Project	\$76,512	\$76,512	-	-	-
WX21011013	Water	GWADD	Bath	Bath	Owingsville, City of	Waterline Replacement Project	\$76,513	\$76,513	-	-	-
WX21011021	Water	GWADD	Bath	Bath Nicholas	Sharpsburg Water District	Sharpsburg Water District Water Tank Rehab Project	\$76,513	\$76,513	-	-	-
SX21011025	Sewer	GWADD	Bath	Bath	Sharpsburg, City of	City of Sharpsburg Package Treatment Plant Security Updates	\$76,513	\$76,513	-	-	-
WX21015025	Water	NKADD	Boone	Boone	Boone County Fiscal Court	Boone County Rural Waterline Extensions	\$1,226,476	\$1,226,476	-	-	-
WX21015008	Water	NKADD	Boone	Boone	Boone County Water District	KY-18 Green Acres to Kelly Elementary	\$1,226,475	\$1,226,475	-	-	-
SX21015013	Sewer	NKADD	Boone	Boone	Sanitation District #1 of Northern Kentucky	Central Boone County Master Sewer Plan - Phase I	\$2,452,951	\$2,452,951	-	-	-
SX21015014	Sewer	NKADD	Boone	Boone	Sanitation District #1 of Northern Kentucky	Central Boone County Master Sewer Plan - Phase II	\$3,650,000	-	-	\$3,650,000	-
SX21017022	Sewer	BGADD	Bourbon	Bourbon	Paris, City of	Millersburg Road Sanitary Sewer Extension	\$726,735	\$726,735	-	-	-
WX21019058	Water	FIVCO	Boyd	Boyd	Ashland, City of	US 23 Winchester Avenue Water Main Replacement - Phase 1	\$540,000	\$540,000	-	-	-
WX21019060	Water	FIVCO	Boyd	Boyd	Big Sandy Water District	REPLACEMENT WATER INTERCONNECTION - KENOVA WV	\$417,000	\$417,000	-	-	-
WX21019057	Water	FIVCO	Boyd	Boyd	Cannonsburg Water District	Phase II - Shoppes Road Water Line Replacement	\$540,517	\$540,517	-	-	-
SX21019089	Sewer	FIVCO	Boyd	Boyd	Catlettsburg, City of	Pump Station Rehabilitation and Repair	\$338,250	\$338,250	-	-	-
SX21167019	Sewer	BGADD	Boyle	Boyle Mercer	Mercer County Sanitation District	M C S D - Gwinn Island Road Sanitary Sewer Extension	\$1,276,592	\$1,276,592	-	-	-
SX21023012	Sewer	BTADD	Bracken	Bracken	Augusta Regional Sewer Authority	ARSA I & I Reduction & Sewer Rehab Phase 1	\$145,000	\$145,000	-	-	-
WX21023039	Water	BTADD	Bracken	Bracken	Augusta, City of	Augusta Lagoon Cleaning	\$80,000	\$80,000	-	-	-
WX21023051	Water	BTADD	Bracken	Bracken	Bracken County Water District	BCWD Pump Stations Rehab	\$79,936	\$79,936	-	-	-
WX21025049	Water	KRADD	Breathitt	Breathitt	Jackson, City of	Beverly Heights and Sigman Drive Waterline Extension	\$463,850	\$463,850	-	-	-
SX21029039	Sewer	KIPDA	Bullitt	Bullitt Jefferson	Bullitt County Sanitation District	Hunters Hollow Pump Station & Force Main Project	\$307,856	\$307,856	-	-	-
SX21029038	Sewer	KIPDA	Bullitt	Bullitt	Lebanon Junction, City of	West Oak Street Interceptor	\$395,000	\$395,000	-	-	-
WX21029090	Water	KIPDA	Bullitt	Bullitt	Louisville Water Company	John Lee Road 8" Water Main Extension	\$348,330	\$348,330	-	-	-
WX21111194	Water	KIPDA	Bullitt	Bullitt	Louisville Water Company	Eagles Road 6" Water Main Extension	\$252,680	\$252,680	-	-	-
WX21029257	Water	KIPDA	Bullitt	Bullitt	North Nelson Water District	Water Main Extensions - Bullitt County	\$1,695,770	\$1,695,770	-	-	-
WX21033026	Water	PEADD	Caldwell	Caldwell	Caldwell County Water District	Caldwell County Water District - Miscellaneous System Improvements	\$220,000	\$220,000	-	-	-
WX21033027	Water	PEADD	Caldwell	Lyon	Fredonia, City of	Fredonia - 641 Isolation Valve Project	\$28,147	\$28,147	-	-	-
SX21033010	Sewer	PEADD	Caldwell	Caldwell	Princeton Water & Wastewater Commission	Princeton - WWTP Improvements-Grit Chamber and Sludge Holding Tank	\$220,000	\$220,000	-	-	-
WX21035045	Water	PUADD	Calloway	Calloway	Dexter-Almo Heights Water District	Hickory Rd. Phase 3	\$300,000	\$300,000	-	-	-
WX21035048	Water	PUADD	Calloway	Calloway	Murray, City of	4th ST. Water Main Relocation	\$932,352	\$932,352	-	-	-
SX21035023	Sewer	PUADD	Calloway	Calloway	South 641 Water District	South 641 - System Rehab Phase II	\$200,000	\$200,000	-	-	-
WX21037311	Water	NKADD	Campbell	Campbell	Northern Kentucky Water District	Water Main Replacement - Newport and The Ovation	\$1,000,000	\$1,000,000	-	-	-
SX21037007	Sewer	NKADD	Campbell	Campbell	Sanitation District #1 of Northern Kentucky	US27 and AA Highway Sewer Improvements - Phase III	\$3,786,970	\$2,436,970	-	\$1,350,000	-
WX21039033	Water	PUADD	Carlisle	Carlisle	Milburn Water District	AC Line Rehabilitation	\$174,816	\$174,816	-	-	-
WX21041010	Water	NKADD	Carroll	Carroll	Carroll County Fiscal Court	Hwy 36 HDPE Replacement	\$100,000	\$100,000	-	-	-

WX21041011	Water	NKADD	Carroll	Carroll Trimble	Carroll County Fiscal Court	West Carroll Service Replacements	\$100,000	\$100,000	-	-	-
WX21043049	Water	FIVCO	Carter	Carter	Grayson Utilities Commission	KY 3297 Waterline Replacement	\$566,000	\$566,000	-	-	-
WX21043053	Water	FIVCO	Carter	Carter	Olive Hill, City of	Olive Hill Leak Detection and Repair	\$325,120	\$325,120	-	-	-
WX21043052	Water	FIVCO	Carter	Carter	Rattlesnake Ridge Water District	RATTLESNAKE RIDGE GPS/GIS SYSTEM	\$93,028	\$93,028	-	-	-
WX21045016	Water	LCADD	Casey	Casey	East Casey County Water District	2020 System Upgrades	\$593,456	\$593,456	-	-	-
WX21047041	Water	PEADD	Christian	Christian Todd	Christian County Water District	Christian County Water District- 2021 System Extension Project (Phase IX)	\$1,133,549	\$1,133,549	-	-	-
SX21047033	Sewer	PEADD	Christian	Christian	Hopkinsville Water Environment Authority	ARPA Sewer Manhole Rehabilitation Project	\$100,000	\$100,000	-	-	-
SX21047034	Sewer	PEADD	Christian	Christian	Hopkinsville Water Environment Authority	ARPA Sominco Farms SPS	\$400,000	\$400,000	-	-	-
WX21047042	Water	PEADD	Christian	Christian	Hopkinsville Water Environment Authority	ARPA AMR/AMI Water Meter Replacement Program	\$685,370	\$685,370	-	-	-
WX21047050	Water	PEADD	Christian	Christian	Oak Grove, City of	Oak Grove - Commercial Meter Replacement Project	\$268,835	\$268,835	-	-	-
SX21049045	Sewer	BGADD	Clark	Clark Harrison	Clark County Sanitation District	Clark Co SD - Rockwell Road Sanitary Sewer Improvements	\$600,000	\$600,000	-	-	-
WX21049043	Water	BGADD	Clark	Clark	East Clark County Water District	Muddy Creek Booster Pump Station Rehabilitation and Zone Meterin	\$350,000	\$350,000	-	-	-
SX21049026	Sewer	BGADD	Clark	Clark	Winchester Municipal Utilities Commission	WMU - Flanagan and Madison Outfall Sewers	\$5,000,000	-	-	\$5,000,000	-
WX21049042	Water	BGADD	Clark	Clark	Winchester Municipal Utilities Commission	WMU - KY River Intake Emergency Power & Reservoir Interconnectio	\$381,797	\$381,797	-	-	-
SX21053016	Sewer	LCADD	Clinton	Clinton	Albany, City of	Albany Bypass Sewer System Extension	\$375,267	\$375,267	-	-	-
WX21055018	Water	PEADD	Crittenden	Livingston	Crittenden-Livingston County Water District	CLWD-WTP Filter Replacement-Crittenden CWG	\$150,000	\$150,000	-	-	-
SX21055006	Sewer	PEADD	Crittenden	Crittenden	Marion, City of	City of Marion - New Wastewater Treatment Plant	\$173,410	\$173,410	-	-	-
SX21057004	Sewer	LCADD	Cumberland	Cumberland	Burkesville, City of	Burkesville Potter Home Lift Station Improvements	\$121,453	\$121,453	-	-	-
WX21057022	Water	LCADD	Cumberland	Cumberland	Cumberland County Water District	Marrowbone Area Water System Replacement	\$121,453	\$121,453	-	-	-
WX21059045	Water	GRADD	Daviess	Daviess	Daviess County Fiscal Court	Jack Hinton Road Water Main Project	\$847,596	\$847,596	-	-	-
WX21059055	Water	GRADD	Daviess	Daviess	Daviess County Water District	Reed Road Pump Upgrade	\$165,000	\$165,000	-	-	-
WX21059075	Water	GRADD	Daviess	Daviess	Daviess County Water District	Carter Road Pump Station Upgrade	\$165,000	\$165,000	-	-	-
WX21059077	Water	GRADD	Daviess	Daviess	Daviess County Water District	HWY 54 Waterline Relocation	\$275,000	\$275,000	-	-	-
WX21059078	Water	GRADD	Daviess	Daviess	Daviess County Water District	Wing Avenue - Wimsatt Court Waterline Upgrade	\$1,310,000	\$1,310,000	-	-	-
WX21059081	Water	GRADD	Daviess	Daviess	Daviess County Water District	Daviess County Water District Master Meter Installation Project	\$200,000	\$200,000	-	-	-
WX21059076	Water	GRADD	Daviess	Daviess	Owensboro Municipal Utilities	Birkhead Ave Small Main Replacement	\$54,000	\$54,000	-	-	-
WX21059085	Water	GRADD	Daviess	Daviess	Owensboro Municipal Utilities	Jeff Place Small Main Replacement	\$55,000	\$55,000	-	-	-
WX21059086	Water	GRADD	Daviess	Daviess	Owensboro Municipal Utilities	Stonewall Court Small Main Replacement	\$60,000	\$60,000	-	-	-
WX21059087	Water	GRADD	Daviess	Daviess	Owensboro Municipal Utilities	Cedar Street Small Main Replacement	\$128,000	\$128,000	-	-	-
SX21059063	Sewer	GRADD	Daviess	Daviess	Regional Water Resource Agency	Williamsburg Square Pump station and Force Main	\$269,823	\$269,823	-	-	-
WX21059031	Water	GRADD	Daviess	Daviess	Whitesville, City of	Ward Road Water Line Upgrade	\$198,679	\$198,679	-	-	-
WX21061030	Water	BRADD	Edmonson	Edmonson	Edmonson County Water District	Pump Station Improvements	\$446,221	\$446,221	-	-	-
SX21063003	Sewer	FIVCO	Elliott	Elliott	Sandy Hook, City of	Buck Mobley Pump Station Renovation	\$276,070	\$276,070	-	-	-
WX21065008	Water	BGADD	Estill	Estill	Irvine Municipal Utilities Commission	ECWD/IMU - Master Meter Relocation and River Crossing	\$518,058	\$518,058	-	-	-
SX21067064	Sewer	BGADD	Fayette	Fayette Jessamine	Lexington-Fayette Urban County Government	UltraViolet (UV) Radiation WWTP Disinfection Retrofit	\$11,868,095	\$11,868,095	-	-	-
SX21069018	Sewer	BTADD	Fleming	Fleming	Flemingsburg, City of	Sanitary Sewer Rehabilitation and I&I Removal	\$133,875	\$133,875	-	-	-
WX21069042	Water	BTADD	Fleming	Fleming Mason	Flemingsburg, City of	Dorothy Street Water Main Replacement	\$133,877	\$133,877	-	-	-
WX21069046	Water	BTADD	Fleming	Fleming	Greater Fleming Regional Water Commission	GFCRWC Water Storage Tank #2 Repaint	\$133,875	\$133,875	-	-	-
WX21069045	Water	BTADD	Fleming	Fleming	Western Fleming County Water District	Delaney Tower Painting and Repairs	\$133,875	\$133,875	-	-	-
SX21071018	Sewer	BSADD	Floyd	Floyd	Martin, City of	Wastewater Plant Rehabilitation	\$152,760	\$152,760	-	-	-
WX21071016	Water	BSADD	Floyd	Floyd	Martin, City of	Interconnect for Emergency	\$174,000	\$174,000	-	-	-
WX21071017	Water	BSADD	Floyd	Floyd	Prestonsburg City's Utilities Commission	Prestonsburg City's Utilities Commission (PCUC) Water Meter Replacement Phase 1	\$327,924	\$327,924	-	-	-
WX21071001	Water	BSADD	Floyd	Floyd	Southern Water & Sewer District	Telemetry Upgrades and Replacement Project	\$325,000	\$325,000	-	-	-
SX21071017	Sewer	BSADD	Floyd	Floyd	Wheelwright Utilities Commission	Wheelwright WWTP and Lift Station Improvement	\$137,359	\$137,359	-	-	-
WX21071904	Water	BSADD	Floyd	Floyd	Wheelwright Utilities Commission	Wheelwright-Water Source Renovation	\$190,000	\$190,000	-	-	-
SX21073047	Sewer	BGADD	Franklin	Franklin	Frankfort, City of	Frankfort Sewer Department FSD Prevention Park Pump Station Replacement	\$1,872,698	\$1,872,698	-	-	-
SX21075011	Sewer	PUADD	Fulton	Fulton	Fulton, City of	Sewer Lift Station "A" Replacement	\$109,609	\$109,609	-	-	-
SX21075012	Sewer	PUADD	Fulton	Fulton	Hickman, City of	Brownsville booster pump	\$109,609	\$109,609	-	-	-
WX21077003	Water	NKADD	Gallatin	Gallatin	Carroll County Water District #1	CCWD Water Production/Distribution Improvements	\$190,435	\$190,435	-	-	-
SX21077005	Sewer	NKADD	Gallatin	Gallatin	Carrollton Utilities	Sparta Pump Station Upgrades	\$45,100	\$45,100	-	-	-
SX21077006	Sewer	NKADD	Gallatin	Gallatin	Carrollton, City of	Glencoe Pump Station Updates	\$63,800	\$63,800	-	-	-
WX21077004	Water	NKADD	Gallatin	Gallatin	Gallatin County Water District	Sparta Tank Project	\$116,823	\$116,823	-	-	-
SX21077007	Sewer	NKADD	Gallatin	Gallatin	Warsaw, City of	Warsaw US-42 Sewer Extension	\$100,000	\$100,000	-	-	-

SX21079020	Sewer	BGADD	Garrard	Garrard	Garrard Co Sanitation District	GCSDD - Phase II - Paint Lick Sewer Project	\$50,000	\$50,000	-	-	-
SX21079022	Sewer	BGADD	Garrard	Garrard	Garrard Co Sanitation District	GCSDD Master Plan	\$50,000	\$50,000	-	-	-
SX21079015	Sewer	BGADD	Garrard	Garrard	Lancaster, City of	City of Lancaster Sanitary Sewer Extension	\$548,802	\$548,802	-	-	-
WX21081010	Water	NKADD	Grant	Grant	Bullock Pen Water District	Bullock Pen Water Treatment Plant Replacement - Design Loan	\$115,085	\$115,085	-	-	-
WX21081011	Water	NKADD	Grant	Grant	Corinth Water District	Stringtown Tank Restoration	\$155,085	\$155,085	-	-	-
SX21081005	Sewer	NKADD	Grant	Grant	Corinth, City of	Treatment Plant Restoration	\$75,085	\$75,085	-	-	-
WX21081024	Water	NKADD	Grant	Grant	Dry Ridge, City of	E-Z Street Water Tower Repairs	\$230,170	\$230,170	-	-	-
SX21081003	Sewer	NKADD	Grant	Grant	Grant County Sanitary Sewer District	Wastewater Treatment Plant Upgrade	\$115,085	\$115,085	-	-	-
WX21081009	Water	NKADD	Grant	Grant	Williamstown, City of	Humes Ridge Water Tank Replacement	\$230,175	\$230,175	-	-	-
WX21089093	Water	FIVCO	Greenup	Greenup	Flatwoods, City of	City of Flatwoods Water Tank Rehab Project	\$130,000	\$130,000	-	-	-
WX21089105	Water	FIVCO	Greenup	Greenup	Greenup, City of	Greenup Rt. 1 Line Upgrade	\$130,000	\$130,000	-	-	-
WX21089109	Water	FIVCO	Greenup	Greenup	Raceland, City of	Radio Read Meters	\$128,000	\$128,000	-	-	-
WX21089108	Water	FIVCO	Greenup	Greenup	Russell, City of	Russell Raw Water Intake Emergency Replacement	\$612,000	\$612,000	-	-	-
WX21089107	Water	FIVCO	Greenup	Greenup	South Shore, City of	Main Street Water Line Reconstruction	\$164,731	\$164,731	-	-	-
WX21089005	Water	FIVCO	Greenup	Greenup	Worthington, City of	Worthington: Clean out Wells to Increase Output	\$62,140	\$62,140	-	-	-
SX21089127	Sewer	FIVCO	Greenup	Greenup	Wurtland, City of	City of Wurtland Liftstation Rehab	\$62,140	\$62,140	-	-	-
WX21091075	Water	GRADD	Hancock	Hancock	Lewisport, City of	Lewisport/EDCWA Emergency Interconnect	\$37,325	\$37,325	-	-	-
WX21091101	Water	GRADD	Hancock	Hancock	Lewisport, City of	County Booster Station Improvement	\$283,000	\$283,000	-	-	-
SX21093035	Sewer	LTADD	Hardin	Hardin	Elizabethtown, City of	Elizabethtown: Leitchfield Rd Sewer Line Upgrades	\$756,400	\$756,400	-	-	-
SX21093020	Sewer	LTADD	Hardin	Hardin	Hardin County Water District #1	HCWD#1 Radcliff WWTP Improvements	\$205,000	\$205,000	-	-	-
WX21093043	Water	LTADD	Hardin	Hardin	Hardin County Water District #1	HCWD#1 Waterline Replacements & Extensions	\$1,000,000	\$1,000,000	-	-	-
SX21093052	Water	LTADD	Hardin	Hardin	Hardin County Water District #2	HCWD#2 Mulberry Tank	\$1,762,000	\$1,762,000	-	-	-
SX21093036	Sewer	LTADD	Hardin	Hardin	Vine Grove, City of	Vine Grove WWTP Improvements III	\$117,900	\$117,900	-	-	-
SX21093037	Sewer	LTADD	Hardin	Hardin	Vine Grove, City of	Vine Grove Sewer Improvements	\$39,607	\$39,607	-	-	-
SX21093059	Water	LTADD	Hardin	Hardin	Vine Grove, City of	Vine Grove Main Street - Water Line Improvements	\$146,141	\$146,141	-	-	-
WX21093021	Sewer	LTADD	Hardin	Hardin	West Point, City of	West Point Lift Station Upgrad	\$48,000	\$48,000	-	-	-
SX21097014	Sewer	BGADD	Harrison	Harrison	Cynthiana, City of	Cynthiana - Country Club Area Pump Station Replacement	\$62,000	\$62,000	-	-	-
WX21097028	Water	BGADD	Harrison	Harrison	Cynthiana, City of	Cynthiana - Industrial Park Water Tank and WTP Upgrade	\$269,287	\$269,287	-	-	-
SX21097016	Sewer	BGADD	Harrison	Harrison	Harrison County Sanitation District	HCSDD - Phase 2 Sewer Project	\$167,787	\$167,787	-	-	-
WX21097029	Water	BGADD	Harrison	Bourbon Harrison Bourbon Harrison	Harrison County Water Association Inc	US 27 & KY 353 Water Main Replacement and Extension Project	\$134,087	\$134,087	-	-	-
WX21097030	Water	BGADD	Harrison	Bourbon Harrison	Harrison County Water Association Inc	HCWA - KY 353 Water Main Extension Project	\$60,447	\$60,447	-	-	-
WX21099046	Water	BRADD	Hart	Hart	Edmonson County Water District	ECWD - Hart County Service Improvements	\$202,773	\$202,773	-	-	-
WX21099041	Water	BRADD	Hart	Hart	Green River Valley Water District	Hart County Water Line Project (GRVWD)	\$403,307	\$403,307	-	-	-
WX21099045	Water	BRADD	Hart	Hart	Green River Valley Water District	Shady Lane and Caldwell Road Water Line Extension	\$93,000	\$93,000	-	-	-
SX21101043	Sewer	GRADD	Henderson	Henderson	Corydon, City of	Corydon Pump Station Rehab	\$100,000	\$100,000	-	-	-
WX21101127	Water	GRADD	Henderson	Henderson	Henderson County Water District	Spottsville Bridge Crossing Project	\$200,000	\$200,000	-	-	-
SX21101047	Sewer	GRADD	Henderson	Henderson	Henderson Water Utility	KY 425 Industrial Park - Sewer, Force Main & Pump Station	\$610,384	\$610,384	-	-	-
WX21101134	Water	GRADD	Henderson	Henderson	Henderson Water Utility	KY 425 Industrial Park - Water Main	\$750,000	\$750,000	-	-	-
SX21103014	Sewer	KIPDA	Henry	Henry	Campbellsburg, City of	I-71 Exit 34 Sewer Extension	\$539,014	\$539,014	-	-	-
WX21103060	Water	KIPDA	Henry	Trimble	Henry County Water District #2	Filter #1 Rehabilitation	\$33,230	\$33,230	-	-	-
WX21103061	Water	KIPDA	Henry	Henry	New Castle, City of	New Castle Water Meter Replacement Project - Phase I	\$20,000	\$20,000	-	-	-
WX21105010	Water	PUADD	Hickman	Hickman	Columbus, City of	Columbus Water Works - Water Tank Maintenance	\$160,860	\$160,860	-	-	-
SX21107025	Sewer	PEADD	Hopkins	Hopkins	Dawson Springs City Water and Sewer	Sanitary Sewer System Rehabilitation and WWTP Improvements	\$200,000	\$200,000	-	-	-
WX21107066	Water	PEADD	Hopkins	Hopkins	Earlington, City of	Earlington - South Atkinson Avenue Waterline Replacement Project	\$110,000	\$110,000	-	-	-
WX21107055	Water	PEADD	Hopkins	Hopkins	Hanson, City of	Hanson - Line Upgrades & Valve Installation Project	\$110,000	\$110,000	-	-	-
WX21107070	Water	PEADD	Hopkins	Hopkins	Madisonville Municipal Utilities	Madisonville - Bartlett Ave Water Line Replacement Project	\$380,000	\$380,000	-	-	-
WX21107050	Water	PEADD	Hopkins	Hopkins	Mortons Gap, City of	Mortons Gap Water System Improvement Project	\$109,020	-	\$109,020	-	-
WX21107064	Water	PEADD	Hopkins	Hopkins	Mortons Gap, City of	Mortons Gap - White City Road Water Line Extension	\$110,000	\$110,000	-	-	-
WX21107054	Water	PEADD	Hopkins	Hopkins	Nebo Water District	Nebo - Pump Station Rehabilitation and AMR Project	\$160,000	\$160,000	-	-	-
WX21107069	Water	PEADD	Hopkins	Hopkins	North Hopkins Water District	North Hopkins - Water Tank Painting Project	\$150,000	\$150,000	-	-	-
WX21107059	Water	PEADD	Hopkins	Hopkins	Nortonville, City of	Nortonville Waterline Replacement Project	\$150,000	\$150,000	-	-	-
WX21107062	Water	PEADD	Hopkins	Hopkins	South Hopkins Water District	SHWD - Water System Improvements and New Administration Office	\$161,140	\$161,140	-	-	-
WX21107058	Water	PEADD	Hopkins	Hopkins	White Plains, City of	White Plains - Water Line and Service Replacement Project	\$110,000	\$110,000	-	-	-

SX21111024	Sewer	KIPDA	Jefferson	Jefferson	Louisville and Jefferson County MSD	Paddy's Run Flood Pumping Station - Capacity Improvements	\$7,039,997	\$7,039,997	-	-	-
WX21111192	Water	KIPDA	Jefferson	Jefferson	Louisville Water Company	Oak Street 48-inch Rehabilitation	\$5,114,360	\$5,114,360	-	-	-
WX21111193	Water	KIPDA	Jefferson	Jefferson	Louisville Water Company	W. Muhammad Ali Blvd. Area MRRP	\$1,925,637	\$1,925,637	-	-	-
WX21113035	Water	BGADD	Jessamine	Jessamine	Jessamine County Water District #1	JCWD #1 - Vinewood and Carolyn Lane Water Line Upgrades	\$79,000	\$79,000	-	-	-
WX21113050	Water	BGADD	Jessamine	Jessamine	Jessamine County Water District #1	JCWD #1 - Mead Court Water Line Upgrade	\$295,500	\$295,500	-	-	-
WX21113052	Water	BGADD	Jessamine	Jessamine	Jessamine County Water District #1	Jessamine County Water District No. 1 - SCADA Upgrade	\$40,000	\$40,000	-	-	-
WX21113049	Water	BGADD	Jessamine	Jessamine	Jessamine-South Elkhorn Water District	JSEWD - Parks Lane Tank Painting	\$414,500	\$414,500	-	-	-
SX21113029	Sewer	BGADD	Jessamine	Jessamine	Nicholasville, City of	Nicholasville SSES and Sewer Rehabilitation Phase I	\$858,000	\$858,000	-	-	-
SX21113026	Sewer	BGADD	Jessamine	Jessamine	Wilmore, City of	Wilmore Wastewater Collection System Rehabilitation - Phase 2	\$300,430	\$300,430	-	-	-
WX21115019	Water	BSADD	Johnson	Johnson	Paintsville Utilities Commission	Sugar Grove BPS & Water Supply Line Replacement	\$814,877	\$814,877	-	-	-
WX21117210	Water	NKADD	Kenton	Campbell Kenton	Northern Kentucky Water District	Emergency Power Generation for Taylor Mill Water Treatment Plant and Fort Thomas Treatment Plant Basin Improvements	\$1,000,000	\$1,000,000	-	-	-
SX21117011	Sewer	NKADD	Kenton	Kenton	Sanitation District #1 of Northern Kentucky	Walnut Hall Peach	\$2,133,176	\$2,133,176	-	-	-
SX21117012	Sewer	NKADD	Kenton	Kenton	Sanitation District #1 of Northern Kentucky	Route 8 Ludlow	\$2,000,000	\$2,000,000	-	-	-
SX21117013	Sewer	NKADD	Kenton	Kenton	Sanitation District #1 of Northern Kentucky	Crawford	\$1,000,000	\$1,000,000	-	-	-
WX21119030	Water	KRADD	Knott	Knott	Hindman, City of	Dry Fork Waterline Extension	\$125,311	\$125,311	-	-	-
WX21119026	Water	KRADD	Knott	Knott	Knott County Water & Sewer District	Waterline Extensions (Last Mile) and WTP Improvement Project	\$418,455	\$418,455	-	-	-
WX21121012	Water	CVADD	Knox	Knox	Knox County Utility Commission	Barbourville Connection - KY 225	\$1,143,833	\$1,143,833	-	-	-
WX21127028	Water	FIVCO	Lawrence	Boyd Lawrence	Lawrence County Fiscal Court	Blaine Waterline Extension	\$40,000	\$40,000	-	-	-
SX21127033	Sewer	FIVCO	Lawrence	Lawrence	Louisa, City of	New STP Planning & Design	\$402,533	\$402,533	-	-	-
WX21129008	Water	KRADD	Lee	Lee	Beattyville, City of	Beattyville Water Treatment Plant Improvements	\$271,883	\$271,883	-	-	-
SX21131005	Sewer	KRADD	Leslie	Leslie	Hyden, City of	Hyden Wastewater Rehabilitation	\$181,371	\$181,371	-	-	-
WX21131013	Water	KRADD	Leslie	Leslie	Hyden-Leslie County Water District	Leslie Waterline Replacement Phase I	\$181,372	\$181,372	-	-	-
SX21133015	Sewer	KRADD	Letcher	Letcher	Fleming-Neon, City of	Fleming-Neon Sewer Rehabilitation Project	\$15,831	\$15,831	-	-	-
SX21133024	Sewer	KRADD	Letcher	Letcher	Jenkins, City of	Sewer I&I	\$79,155	\$79,155	-	-	-
WX21133054	Water	KRADD	Letcher	Letcher	Letcher County Water & Sewer District	Regional Interconnect & Distribution Lines Cumberland River Ph4	\$696,570	\$696,570	-	-	-
SX21135021	Sewer	BTADD	Lewis	Lewis	Garrison-Quincy-Ky-O-Heights Water District	Garrison Regional Wastewater System Improvements	\$75,000	\$75,000	-	-	-
WX21135024	Water	BTADD	Lewis	Lewis	Garrison-Quincy-Ky-O-Heights Water District	Garrison Water Plant and Distribution Improvements	\$70,000	\$70,000	-	-	-
SX21135011	Sewer	BTADD	Lewis	Lewis	Lewis County Sanitation District #1	Pump Station Repairs/Gravity Line Survey and Repairs	\$96,938	\$96,938	-	-	-
WX21135023	Water	BTADD	Lewis	Lewis	Vanceburg, City of	Scotts Branch Road Water Line Replacement and SCADA System upgra	\$123,600	\$123,600	-	-	-
WX21135022	Water	BTADD	Lewis	Lewis	Western Lewis-Rectorville Water & Gas District	Service Replacement Project	\$122,000	\$122,000	-	-	-
SX21137018	Sewer	BGADD	Lincoln	Lincoln	Crab Orchard, City of	Phase 1 Stormwater Improvements	\$301,588	\$301,588	-	-	-
WX21137055	Water	BGADD	Lincoln	Lincoln	Hustonsville, City of	Hustonsville Phase 2 Water System Improvements	\$300,000	\$300,000	-	-	-
WX21137056	Water	BGADD	Lincoln	Lincoln	Stanford Water Commission	Stanford - Hicks Lane & Patrick Road Water Line Improvements	\$300,000	\$300,000	-	-	-
WX21139037	Water	PEADD	Livingston	Livingston	Grand Rivers, City of	Grand Rivers - East Side Water Distribution Improvements Phase II	\$150,329	\$150,329	-	-	-
SX21139014	Sewer	PEADD	Livingston	Livingston	Smithland, City of	Smithland Lagoon Rehabilitation Project	\$187,330	\$187,330	-	-	-
WX21141062	Water	BRADD	Logan	Logan	Adairville, City of	Adairville Water System Improvements	\$103,480	\$103,480	-	-	-
WX21141069	Water	BRADD	Logan	Logan	Auburn, City of	Water System Upgrade - W Main St Area	\$111,040	\$111,040	-	-	-
WX21141082	Water	BRADD	Logan	Logan	East Logan Water District	Ky Hwy 79 Master Meter Area - Meter Service Replacement Project	\$144,375	\$144,375	-	-	-
WX21219044	Water	BRADD	Logan	Logan	Logan-Todd Regional Water Commission	LTRWC - Replace North Russellville Corroded Pipe	\$261,040	\$261,040	-	-	-
WX21141074	Water	BRADD	Logan	Logan	Russellville, City of	2021 System Upgrade and Sidewalk Project	\$111,040	\$111,040	-	-	-
WX21141083	Water	BRADD	Logan	Logan	South Logan Water Association Inc	SLWA - Distribution Upgrade & Extension Project	\$120,000	\$120,000	-	-	-
WX21141080	Water	BRADD	Logan	Logan	Todd County Water District	Water Meter Enhancement - Cellular Endpoints	\$144,374	\$144,374	-	-	-
SX21143011	Sewer	PEADD	Lyon	Lyon	Eddyville, City of	Wastewater SSES and Rehabilitation - South of Fairview Ave	\$100,507	\$100,507	-	-	-
SX21143018	Sewer	PEADD	Lyon	Lyon	Kuttawa, City of	Kuttawa - Phase V SSES and Rehabilitation Project	\$100,507	\$100,507	-	-	-
WX21143022	Water	PEADD	Lyon	Lyon	Lyon County Water District	LCWD - Water Service Line Extensions	\$100,507	\$100,507	-	-	-
SX21145040	Sewer	PUADD	McCracken	McCracken	Paducah McCracken County Joint Sewer Agency	Manhole Rehabilitation	\$119,272	\$119,272	-	-	-
SX21145041	Sewer	PUADD	McCracken	McCracken	Paducah McCracken County Joint Sewer Agency	Sanitary Main Rehabilitation	\$1,082,000	\$1,082,000	-	-	-
WX21145090	Water	PUADD	McCracken	McCracken	Paducah Water Works	Midtown Area Water Main Replacement	\$1,201,272	\$1,201,272	-	-	-
SX21147001	Sewer	LCADD	McCreary	McCreary	McCreary County Water District	Old RECC and Office Sanitary Sewer Pump Station Replacements	\$252,076	\$252,076	-	-	-

WX21147032	Water	LCADD	McCreary	McCreary	McCreary County Water District	WTP Activated Carbon Feed Systems	\$380,750	\$380,750	-	-	-
WX21149068	Water	GRADD	McLean	McLean	Calhoun, City of	Calhoun Water Tank Repair Project	\$100,000	\$100,000	-	-	-
WX21149043	Water	GRADD	McLean	McLean	Livermore, City of	Livermore Meter Replacement Project	\$100,000	\$100,000	-	-	-
WX21149071	Water	GRADD	McLean	McLean	McLean County Fiscal Court	Beech Grove Meter Replacement	\$20,000	\$20,000	-	-	-
WX21149070	Water	GRADD	McLean	McLean	McLean County Regional Water Commission	MCRWC Rumsey PRV	\$20,000	\$20,000	-	-	-
WX21149004	Water	GRADD	McLean	McLean	Sacramento, City of	Sacramento Tank Repainting	\$98,137	\$98,137	-	-	-
SX21151059	Sewer	BGADD	Madison	Madison	Berea, City of	Berea -Brushy Fork Sanitary Sewer Rehabilitation Project	\$588,571	\$588,571	-	-	-
WX21151067	Water	BGADD	Madison	Madison	Kirksville Water Association Inc	Proposed Cross Country KY 52 Water Line	\$106,071	\$106,071	-	-	-
WX21151064	Water	BGADD	Madison	Madison	Madison County Utilities District	Madison Co. Utilities District - College Hill Water Project	\$608,105	\$608,105	-	-	-
SX21151058	Sewer	BGADD	Madison	Madison	Northern Madison County Sanitation District	AppHarvest Sewer Connection Project	\$500,000	\$500,000	-	-	-
SX21151053	Sewer	BGADD	Madison	Madison	Richmond, City of	Richmond - TC15 Overflow Elimination Project	\$1,327,903	\$1,327,903	-	-	-
WX21151068	Water	BGADD	Madison	Madison	Southern Madison Water District	SMWD - AMR Water Meters	\$34,675	\$34,675	-	-	-
WX21151069	Water	BGADD	Madison	Madison	Southern Madison Water District	SMWD - Bobtown Tank Rehabilitation	\$230,000	\$230,000	-	-	-
WX21151070	Water	BGADD	Madison	Madison	Southern Madison Water District	SMWD - New SCADA System	\$19,720	\$19,720	-	-	-
WX21153029	Water	BSADD	Magoffin	Magoffin	Magoffin County Water District	Magoffin County Water District - KY 542/1502 and KY 378 Water Project	\$311,625	\$311,625	-	-	-
SX21153006	Sewer	BSADD	Magoffin	Magoffin	Salyersville Water Works	Salyersville Route 30 Pressure Sewer	\$55,000	\$55,000	-	-	-
WX21153039	Water	BSADD	Magoffin	Magoffin	Salyersville Water Works	SCADA Upgrade	\$80,000	\$80,000	-	-	-
WX21155047	Water	LTADD	Marion	Marion	Lebanon Water Works Company Inc	Fagan Branch Flow Metering	\$83,524	\$83,524	-	-	-
WX21155048	Water	LTADD	Marion	Marion	Lebanon Water Works Company Inc	Lebanon Water Works Actuator and Valve Replacement	\$247,029	\$247,029	-	-	-
WX21155050	Water	LTADD	Marion	Marion	Lebanon Water Works Company Inc	Lebanon Water Works Turbidity Unit	\$7,078	\$7,078	-	-	-
WX21155051	Water	LTADD	Marion	Marion	Marion County Water District	Marion Co W.D. KY Hwy 337 Water System Upgrades	\$276,050	\$276,050	-	-	-
WX21155052	Water	LTADD	Marion	Marion	Marion County Water District	Marion Co. W.D. Riley Water Tank Piping Upgrades	\$94,140	\$94,140	-	-	-
SX21157042	Sewer	PUADD	Marshall	Marshall	Benton, City of	LIFT STATION REHABILITATION Part 1	\$571,090	\$571,090	-	-	-
SX21157034	Sewer	PUADD	Marshall	Marshall	Hardin, City of	Hardin - Wastewater Rehabilitation Phase III	\$571,090	\$571,090	-	-	-
WX21159014	Water	BSADD	Martin	Martin	Martin County Water District	Water System Controls and Raw Water Modifications Phase II	\$411,148	\$411,148	-	-	-
SX21161028	Sewer	BTADD	Mason	Mason	Maysville, City of	Wall Street Combined Sewer Elimination	\$168,000	\$168,000	-	-	-
WX21161047	Water	BTADD	Mason	Mason	Western Lewis-Rectorville Water & Gas District	WLWD Office Tank - Planning & Design	\$150,000	\$150,000	-	-	-
SX21161037	Sewer	BTADD	Mason	Mason	Western Mason Sanitation District	WMSD Grinder Pump Replacement Project	\$160,000	\$160,000	-	-	-
WX21161046	Water	BTADD	Mason	Mason	Western Mason Water District	Tank Rehab & Generator Project	\$148,914	\$148,914	-	-	-
WX21165028	Water	GWADD	Menifee	Menifee	Cave Run Water Commission	CRWC Master Meter Change Out Project	\$39,000	\$39,000	-	-	-
WX21165017	Water	GWADD	Menifee	Menifee	Frenchburg, City of	Mountain Ridge Road & Ridge Runner Water Main Extension	\$91,150	\$91,150	-	-	-
SX21165022	Sewer	GWADD	Menifee	Menifee	Menifee County Fiscal Court	Menifee Co Sanitation District Means Area System Rehab	\$28,726	\$28,726	-	-	-
WX21167035	Water	BGADD	Mercer	Mercer	Burgin, City of	Burgin - Water system Improvements Project	\$167,607	\$167,607	-	-	-
SX21167024	Sewer	BGADD	Mercer	Mercer	Harrodsburg, City of	Harrodsburg Pump Station and Sanitary Rehabilitation	\$103,805	\$103,805	-	-	-
WX21167034	Water	BGADD	Mercer	Mercer	Harrodsburg, City of	Harrodsburg Water Main and Water Hydrant Replacements	\$111,360	\$111,360	-	-	-
WX21167017	Water	BGADD	Mercer	Boyle Mercer	Lake Village Water Association Inc	Lake Village Water Association - Contract 14 Water Main West Zone Upgrades	\$147,525	\$147,525	-	-	-
WX21167032	Water	BGADD	Mercer	Mercer	North Mercer Water District	NMWD - Brentwood Water Main Replacement	\$102,608	\$102,608	-	-	-
WX21169046	Water	BRADD	Metcalfe	Metcalfe	Edmonton, City of	Chris Harper Road Water Line Extension	\$123,289	\$123,289	-	-	-
WX21169044	Water	BRADD	Metcalfe	Metcalfe	Green River Valley Water District	Node Road Water Line Extension and Pump Station	\$123,289	\$123,289	-	-	-
WX21169045	Water	BRADD	Metcalfe	Metcalfe	Green-Taylor Water District	Rockland Mills Rd Water Line Extension	\$123,290	\$123,290	-	-	-
WX21171037	Water	BRADD	Monroe	Monroe	Fountain Run Water District #1	Fountain Run Water District #1 - Repaint/Rehab Existing Tank	\$123,000	\$123,000	-	-	-
WX21171052	Water	BRADD	Monroe	Monroe	Monroe County Water District	MCWD - Tanks Rehabilitation	\$268,132	\$268,132	-	-	-
WX21173048	Water	GWADD	Montgomery	Montgomery	Jeffersonville, City of	City of Jeffersonville Highway 1050 Line Replacement Project	\$129,262	\$129,262	-	-	-
WX21173106	Water	GWADD	Montgomery	Montgomery	Montgomery County Fiscal Court	Judy Water Association Meter Change-Out Project	\$129,261	\$129,261	-	-	-
WX21173152	Water	GWADD	Montgomery	Montgomery	Montgomery County Fiscal Court	Levee Road Water Association Oldham Tank and Mixing System	\$129,262	\$129,262	-	-	-
SX21173085	Sewer	GWADD	Montgomery	Menifee Montgomery	Montgomery County Sanitation District #2	Sewer Collection System Rehabilitation and WWTP Upgrades	\$129,262	\$129,262	-	-	-
WX21173044	Water	GWADD	Montgomery	Montgomery	Montgomery County Water District #1	MCWD #1 Vault Valve Replacement and Various Waterline Replacements	\$129,262	\$129,262	-	-	-
SX21173076	Sewer	GWADD	Montgomery	Montgomery	Mount Sterling Water and Sewer	Wykagyl/Bridgett Drive Project Phase I	\$129,262	\$129,262	-	-	-
WX21173041	Water	GWADD	Montgomery	Montgomery	Mount Sterling Water and Sewer	Mt. Sterling Water & Sewer Main Street Water Main Replacement	\$129,262	\$129,262	-	-	-
WX21173074	Water	GWADD	Montgomery	Montgomery	Reid Village Water District	Devonne Pump Station Pump Replacement and Meter Replacement Project	\$129,262	\$129,262	-	-	-

SX21175010	Sewer	GWADD	Morgan	Morgan	West Liberty, City of	City of West Liberty Sewer Line Replacement Project	\$121,895	\$121,895	-	-	-
SX21175025	Sewer	GWADD	Morgan	Morgan	West Liberty, City of	Branch Street & Henry Street Line Replacement	\$121,892	\$121,892	-	-	-
WX21175009	Water	GWADD	Morgan	Morgan	West Liberty, City of	Water Quality Improvements Project	\$245,000	\$245,000	-	-	-
WX21177039	Water	PEADD	Muhlenberg	Muhlenberg	Central City Municipal Water & Sewer System	Water System Improvements Project	\$187,437	\$187,437	-	-	-
WX21177042	Water	PEADD	Muhlenberg	Muhlenberg	Drakesboro, City of	Drakesboro - Water System Improvements	\$187,438	\$187,438	-	-	-
WX21177051	Water	PEADD	Muhlenberg	Muhlenberg	Greenville Utilities Commission	Greenville - Service Line Replacement Project	\$187,437	\$187,437	-	-	-
WX21177049	Water	PEADD	Muhlenberg	Muhlenberg	Muhlenberg County Water District #1	Muhlenberg Water District #1 - Lake Malone Tank Rehabilitation	\$187,438	\$187,438	-	-	-
WX21177048	Water	PEADD	Muhlenberg	Muhlenberg	Muhlenberg County Water District #3	Muhlenberg #3 - Water Tank Improvements Project	\$187,437	\$187,437	-	-	-
SX21177028	Sewer	PEADD	Muhlenberg	Muhlenberg	Powderly, City of	Powderly - Lift Station Rehabilitation Project	\$187,438	\$187,438	-	-	-
WX21179036	Water	LTADD	Nelson	Bullitt Nelson	North Nelson Water District	Nelson County Water Supply Project	\$1,697,955	\$1,697,955	-	-	-
WX21181004	Water	BGADD	Nicholas	Nicholas	Carlisle, City of	City of Carlisle Raw Water Intake Improvements	\$93,435	\$93,435	-	-	-
WX21181006	Water	BGADD	Nicholas	Nicholas	Carlisle, City of	Phase 2 - Drinking Water System Improvements	\$93,435	\$93,435	-	-	-
WX21181013	Water	BGADD	Nicholas	Nicholas	Nicholas County Water District	NCWD - PHASE 13 WATER SYSTEM IMPROVEMENTS	\$40,046	\$40,046	-	-	-
WX21181016	Water	BGADD	Nicholas	Bourbon Nicholas	Nicholas County Water District	NCWD - Wholesale Connection and Interconnect Project	\$40,046	\$40,046	-	-	-
SX21183020	Sewer	GRADD	Ohio	Ohio	Beaver Dam, City of	Knight Valley Subdivision Sewer Extension	\$175,763	\$175,763	-	-	-
WX21183050	Water	GRADD	Ohio	Ohio	Centertown, City of	Centertown City Center Waterline Replacement	\$26,258	\$26,258	-	-	-
WX21183051	Water	GRADD	Ohio	Ohio	Centertown, City of	Centertown Meter Replacement Project	\$149,505	\$149,505	-	-	-
WX21183047	Water	GRADD	Ohio	Ohio	Fordsville, City of	Fordsville Water Tank Rehab Project	\$178,152	\$178,152	-	-	-
WX21183048	Water	GRADD	Ohio	Ohio	Hartford, City of	Hartford Water Tank Reduction Project	\$175,763	\$175,763	-	-	-
WX21183053	Water	GRADD	Ohio	Ohio	Ohio County Water District	OCWD Meter Replacement	\$175,764	\$175,764	-	-	-
SX21185056	Sewer	KIPDA	Oldham	Oldham	La Grange Utilities Commission	La Grange North Interceptor	\$218,586	\$218,586	-	-	-
WX21185056	Water	KIPDA	Oldham	Oldham	La Grange Utilities Commission	La Grange/Oldham County Water Interconnections	\$262,990	\$262,990	-	-	-
SX21185053	Sewer	KIPDA	Oldham	Jefferson Oldham	Louisville and Jefferson County MSD	Ash Avenue Interceptor	\$590,991	\$590,991	-	-	-
WX21185017	Water	KIPDA	Oldham	Oldham	Louisville Water Company	Highway 1694 8" Water Main Extension	\$756,096	\$756,096	-	-	-
WX21185030	Water	KIPDA	Oldham	Oldham	Oldham County Water District	Storage Tank US 42 and Liberty Lane	\$624,600	\$624,600	-	-	-
WX21187005	Water	NKADD	Owen	Owen	Owen County Fiscal Court	Point of Rock Main Extension	\$400,351	\$400,351	-	-	-
WX21189500	Water	KRADD	Owsley	Owsley	Booneville, City of	Booneville Radio Read Meter Project	\$162,145	\$162,145	-	-	-
WX21191015	Water	NKADD	Pendleton	Pendleton	Butler, City of	Williams and Peoples Street Water	\$133,958	\$133,958	-	-	-
SX21191012	Sewer	NKADD	Pendleton	Pendleton	East Pendleton Water District	East Pendleton Water District Pump Station Elimination Project	\$133,958	\$133,958	-	-	-
SX21191013	Sewer	NKADD	Pendleton	Pendleton	Falmouth, City of	South Falmouth New Hope Pump Station Project	\$133,958	\$133,958	-	-	-
WX21191009	Water	NKADD	Pendleton	Pendleton	Pendleton County Water District	Pendleton County KY-3149	\$133,959	\$133,959	-	-	-
SX21193032	Sewer	KRADD	Perry	Perry	Perry County Fiscal Court	Combs Branch Lift Station Rehab Project	\$120,000	\$120,000	-	-	-
WX21193056	Water	KRADD	Perry	Perry	Perry County Fiscal Court	Perry County Various Roads Water Project	\$825,989	\$825,989	-	-	-
WX21195049	Water	BSADD	Pike	Pike	Elkhorn City, City of	Elkhorn City Aging Main Replacement	\$57,403	\$57,403	-	-	-
WX21195044	Water	BSADD	Pike	Pike	Mountain Water District	Brushy Creek-Sycamore Water Line Extension Project	\$1,616,674	\$1,616,674	-	-	-
WX21195037	Water	BSADD	Pike	Pike	Pikeville, City of	Pikeville Water Plant Filter Subsurface Wash System Improvements	\$451,480	\$451,480	-	-	-
SX21197004	Sewer	BGADD	Powell	Powell	Clay City, City of	Clay City - Phase II Sewer System Rehab	\$181,053	\$181,053	-	-	-
SX21197018	Sewer	BGADD	Powell	Powell	Powell's Valley Water District	2020 Natural Bridge State Park Sewer Project	\$150,392	\$150,392	-	-	-
WX21197020	Water	BGADD	Powell	Powell	Stanton, City of	Stanton - Water Improvements Project	\$122,452	\$122,452	-	-	-
WX21199048	Water	LCADD	Pulaski	Pulaski	Burnside, City of	Burnside - Phase IV Elevated Water Tank	\$611,000	\$611,000	-	-	-
WX21199051	Water	LCADD	Pulaski	Pulaski	Burnside, City of	Burnside - Tank Cleaning & Painting Project	\$175,000	\$175,000	-	-	-
WX21199145	Water	LCADD	Pulaski	Pulaski	Science Hill, City of	Stanford Street Booster Pump Station	\$458,000	\$458,000	-	-	-
SX21199033	Sewer	LCADD	Pulaski	Pulaski	Somerset, City of	Ferguson - Sanitary Sewer Extensions	\$285,605	\$285,605	-	-	-
WX21199002	Water	LCADD	Pulaski	Pulaski	Somerset, City of	Oak Hill Storage Tank Replacement, 5 MG Booster Station, & Water Main Extension	\$285,606	\$285,606	-	-	-
WX21199146	Water	LCADD	Pulaski	Pulaski	South Eastern Water Association Inc	Sandy Gap Area Improvements	\$285,606	\$285,606	-	-	-
WX21199138	Water	LCADD	Pulaski	Pulaski	Western Pulaski County Water District	Faubush/Nancy Area Water Transmission Main	\$285,605	\$285,605	-	-	-
SX21201006	Sewer	BTADD	Robertson	Robertson	Mount Olivet, City of	Aeration System Upgrade/Grinder Pump Replacement Project	\$52,000	\$52,000	-	-	-
WX21201017	Water	BTADD	Robertson	Robertson	Mount Olivet, City of	Telemetry/SCADA Project	\$25,421	\$25,421	-	-	-
WX21205057	Water	GWADD	Rowan	Rowan	Morehead Utility Plant Board	MUPB Lead Removal Program - Phase 1	\$406,319	\$406,319	-	-	-
WX21205054	Water	GWADD	Rowan	Rowan	Rowan County Fiscal Court	East Clack Mtn Water Main Extension	\$342,000	\$342,000	-	-	-
WX21205055	Water	GWADD	Rowan	Rowan	Rowan County Fiscal Court	Rowan Water Inc New Permanent Office Generator Project	\$150,000	\$150,000	-	-	-
WX21207028	Water	LCADD	Russell	Russell	Jamestown, City of	KY 55 300,000 Gallon Elevated Water Storage Tank	\$329,120	\$329,120	-	-	-
WX21207032	Water	LCADD	Russell	Russell	Russell Springs, City of	Mt. Eden/Salem Area Water System Improvements	\$329,121	\$329,121	-	-	-
WX21209009	Water	BGADD	Scott	Scott	Georgetown, City of	GMWSS - Northwest Bypass Water Line Extension	\$2,093,531	\$2,093,531	-	-	-

<a href="#">SX21211020</a>	Sewer	KIPDA	Shelby	Shelby	Shelbyville Municipal Water & Sewer Commission	Shelbyville 36 Inch Gravity Sewer	\$1,800,458	\$1,800,458	-	-	-
<a href="#">WX21217030</a>	Water	LCADD	Taylor	Taylor	Campbellsville, City of	Water System Improvements - WTP Filter & Sed Basin Renovations	\$804,197	\$804,197	-	-	-
<a href="#">WX21217031</a>	Water	LCADD	Taylor	Taylor	Green-Taylor Water District	Sandy Y Water Storage Tank Rehabilitation	\$142,196	\$142,196	-	-	-
<a href="#">WX21219024</a>	Water	PEADD	Todd	Todd	Elkton, City of	Elkton - Water Storage Tank Improvements	\$146,193	\$146,193	-	-	-
<a href="#">WX21219029</a>	Water	PEADD	Todd	Todd	Guthrie, City of	Guthrie - Emergency Standby Generators	\$146,193	\$146,193	-	-	-
<a href="#">WX21219045</a>	Water	PEADD	Todd	Todd	Todd County Water District	Todd County Water District - Master Meter Additions Project	\$12,421	\$12,421	-	-	-
<a href="#">SX21219011</a>	Sewer	PEADD	Todd	Todd	Trenton, City of	Trenton - Wastewater Treatment Plant Improvements Project	\$146,703	\$146,703	-	-	-
<a href="#">WX21221017</a>	Water	PEADD	Trigg	Trigg	Barkley Lake Water District	BLWD - Lakeside Waterline Replacement	\$376,651	\$376,651	-	-	-
<a href="#">SX21221004</a>	Sewer	PEADD	Trigg	Trigg	Cadiz, City of	Cadiz - Walking Trail Sewer Line Replacement	\$161,422	\$161,422	-	-	-
<a href="#">SX21223013</a>	Sewer	KIPDA	Trimble	Trimble	Bedford, City of	Bedford Wastewater System Improvements Project	\$250,000	\$250,000	-	-	-
<a href="#">SX21223014</a>	Sewer	KIPDA	Trimble	Trimble	Milton, City of	City of Milton Sewer Rehabilitation Project Phase I - Flow Metering	\$55,000	\$55,000	-	-	-
<a href="#">WX21223039</a>	Water	KIPDA	Trimble	Trimble	Trimble County Fiscal Court	Hardy Creek Waterline Extension	\$6,106	\$6,106	-	-	-
<a href="#">WX21225040</a>	Water	GRADD	Union	Union	Morganfield, City of	Morganfield Radio Read Meter Project	\$142,278	\$142,278	-	-	-
<a href="#">WX21225053</a>	Water	GRADD	Union	Union	Sturgis, City of	Sturgis Water Meter Upgrade Project	\$142,278	\$142,278	-	-	-
<a href="#">WX21225052</a>	Water	GRADD	Union	Union	Uniontown, City of	Uniontown Main Street Waterline Replacement	\$142,277	\$142,277	-	-	-
<a href="#">SX21225037</a>	Sewer	GRADD	Union	Union	Waverly, City of	Waverly Lift Station #2 Rebuild Project	\$71,872	\$71,872	-	-	-
<a href="#">WX21227091</a>	Water	BRADD	Warren	Warren	Bowling Green Municipal Utilities	Service Line Identification	\$1,990,000	\$1,990,000	-	-	-
<a href="#">WX21227092</a>	Water	BRADD	Warren	Warren	Bowling Green Municipal Utilities	Yoke Meter Set Replacement	\$450,372	\$450,372	-	-	-
<a href="#">SX21227086</a>	Sewer	BRADD	Warren	Warren	Warren County Water District	Southwest Parkway Interceptor	\$2,080,000	\$2,080,000	-	-	-
<a href="#">WX21227090</a>	Water	BRADD	Warren	Warren	Warren County Water District	Southwest Parkway Improvements	\$360,372	\$360,372	-	-	-
<a href="#">WX21229014</a>	Water	LTADD	Washington	Washington	Springfield Water and Sewer Commission	Springfield Water and Sewer S. Doctor Street Pipe Replacement	\$124,202	\$124,202	-	-	-
<a href="#">WX21229015</a>	Water	LTADD	Washington	Washington	Springfield Water and Sewer Commission	Willisburg, Etown Road, and Wesley Chapel Tank Repainting	\$320,000	\$320,000	-	-	-
<a href="#">WX21231018</a>	Water	LCADD	Wayne	Wayne	Monticello, City of	New Powersburg BPS, Wray Hill BPS and Storage Tank Replacements, and Miscellaneous Water Line Improvements	\$746,751	\$746,751	-	-	-
<a href="#">SX21233027</a>	Sewer	GRADD	Webster	Webster	Sebree, City of	Sebree Sanitary Sewer Replacement	\$475,308	\$475,308	-	-	-
<a href="#">WX21235002</a>	Water	CVADD	Whitley	Whitley	Cumberland Falls Highway Water District	CFHWYWD - Line Replacement and Reinforcement	\$332,959	\$332,959	-	-	-
<a href="#">WX21121537</a>	Water	CVADD	Whitley	Whitley	Whitley County Fiscal Court	Knox: Water Line Extension In Whitley County	\$332,958	\$332,958	-	-	-
<a href="#">WX21235009</a>	Water	CVADD	Whitley	Clay Whitley	Whitley County Water District	WCWD 2021 System Improvements Project	\$332,958	\$332,958	-	-	-
<a href="#">SX21235001</a>	Sewer	CVADD	Whitley	Whitley	Williamsburg, City of	Water Park Pump Station Replacement	\$332,958	\$332,958	-	-	-
<a href="#">WX21237010</a>	Water	KRADD	Wolfe	Wolfe	Campton, City of	Water Loss, PRV and Hazel Green Booster Pump Station Upgrade Project	\$262,848	\$262,848	-	-	-
<a href="#">WX21239036</a>	Water	BGADD	Woodford	Woodford	Midway, City of	Midway Industrial Tank Rehab	\$60,459	\$60,459	-	-	-
<a href="#">WX21239037</a>	Water	BGADD	Woodford	Woodford	Northeast Woodford County Water District	Northeast Woodford Tank painting	\$100,459	\$100,459	-	-	-
<a href="#">WX21239038</a>	Water	BGADD	Woodford	Woodford	South Woodford Water District	SWWD - Comprehensive System Rehabilitation Project	\$225,458	\$225,458	-	-	-
<a href="#">WX21239034</a>	Water	BGADD	Woodford	Woodford	Versailles, City of	Versailles - Water Distribution System Improvements - Low Pressu	\$595,458	\$595,458	-	-	-

**Cleaner Water Program Grants - Sewer**

<b>Grant Number</b>	<b>Grantee</b>	<b>Project Title</b>	<b>Amount</b>	<b>County</b>	<b>Allocation Pool</b>
21CWS001	City of Scottsville	Allen Springs Industrial Park - Sewer Collection System	\$ 679,000	Allen	County
21CWS002	City of Lawrenceburg	Lawrenceburg - Nathan Way Area Sewer Improvements	\$ 602,407	Anderson	County
21CWS004	Bath County Fiscal Court	Sanitary Sewer Feasibility Study Project	\$ 76,512	Bath	County
21CWS005	City of Owingsville	City of Owingsville Lagoon System Cleaning Project	\$ 76,512	Bath	County
21CWS006	City of Sharpsburg	City of Sharpsburg Package Treatment Plant Security Updates	\$ 76,513	Bath	County
21CWS007	Sanitation District #1 of Northern Kentucky	Central Boone County Master Sewer Plan - Phase I	\$ 2,452,951	Boone	County
21CWS008	Sanitation District #1 of Northern Kentucky	Central Boone County Master Sewer Plan - Phase II	\$ 3,650,000	Boone	Consent Decree
21CWS009	City of Paris	Millersburg Road Sanitary Sewer Extension	\$ 726,735	Bourbon	County
21CWS010	City of Catlettsburg	Pump Station Rehabilitation and Repair	\$ 338,250	Boyd	County
21CWS011	Mercer County Sanitation District	M C S D - Gwinn Island Road Sanitary Sewer Extension	\$ 1,276,592	Boyle	County
21CWS012	Augusta Regional Sewer Authority	ARSA I & I Reduction & Sewer Rehab Phase 1	\$ 145,000	Bracken	County
21CWS013	Bullitt County Sanitation District	Hunters Hollow Pump Station & Force Main Project	\$ 307,856	Bullitt	County
21CWS014	City of Lebanon Junction	West Oak Street Interceptor	\$ 395,000	Bullitt	County
21CWS058	Sanitation District #1 of Northern Kentucky	Route 8 Ludlow	\$ 2,000,000	Kenton	County
21CWS059	Sanitation District #1 of Northern Kentucky	Crawford	\$ 1,000,000	Kenton	County
21CWS060	City of Louisa	New STP Planning & Design	\$ 402,533	Lawrence	County
21CWS063	Garrison-Quincy-Ky-O-Heights Water District	Garrison Regional Wastewater System Improvements	\$ 75,000	Lewis	County
21CWS064	Lewis County Sanitation District #1	Pump Station Repairs/Gravity Line Survey and Repairs	\$ 96,938	Lewis	County
21CWS070	Paducah McCracken County Joint Sewer Agency	Sanitary Main Rehabilitation	\$ 1,082,000	McCracken	County
21CWS074	Northern Madison County Sanitation District	AppHarvest Sewer Connection Project	\$ 500,000	Madison	County
21CWS079	Western Mason Sanitation District	WMSD Grinder Pump Replacement Project	\$ 160,000	Mason	County
21CWS090	City of Falmouth	South Falmouth New Hope Pump Station Project	\$ 133,958	Pendleton	County
21CWS091	East Pendleton Water District	East Pendleton Water District Pump Station Elimination Project	\$ 133,958	Pendleton	County
21CWS092	City of Somerset	Ferguson – Sanitary Sewer Extensions	\$ 285,605	Pulaski	County
21CWS093	City of Mount Olivet	Aeration System Upgrade/Grinder Pump Replacement Project	\$ 52,000	Robertson	County
21CWS094	Shelbyville Municipal Water & Sewer Commission	Shelbyville 36 Inch Gravity Sewer	\$ 1,800,458	Shelby	County
21CWS095	City of Trenton	Trenton - Wastewater Treatment Plant Improvements Project	\$ 146,703	Todd	County
21CWS096	City of Cadiz	Cadiz - Walking Trail Sewer Line Replacement	\$ 161,422	Trigg	County
21CWS097	City of Bedford	Bedford Wastewater System Improvements Project	\$ 250,000	Trimble	County
21CWS098	City of Milton	City of Milton Sewer Rehabilitation Project Phase I - Flow Metering	\$ 55,000	Trimble	County
21CWS099	City of Waverly	Waverly Lift Station #2 Rebuild Project	\$ 71,872	Union	County
21CWS100	Warren County Water District	Southwest Parkway Interceptor	\$ 2,080,000	Warren	County
21CWS101	City of Sebree	Sebree Sanitary Sewer Replacement	\$ 475,308	Webster	County
21CWS102	City of Williamsburg	Water Park Pump Station Replacement	\$ 332,958	Whitley	County

**Cleaner Water Program Grants - Water**

<b>Grant Number</b>	<b>Grantee</b>	<b>Project Title</b>	<b>Amount</b>	<b>County</b>	<b>Allocation Pool</b>
21CWW001	Adair County Water District	CAUD - River Crossing & Loop	\$ 705,214	Adair	County
21CWW002	Allen County Water District	W Old State Road Waterline Extension	\$ 103,816	Allen	County
21CWW003	South Anderson Water District	SAWD System Upgrades 2021	\$ 233,000	Anderson	County
21CWW004	City of Barlow	Barlow Water Meter Replacement	\$ 72,424	Ballard	County
21CWW005	City of La Center	LaCenter Municipal Water-Ac Line Replacement Phase I	\$ 72,424	Ballard	County
21CWW006	City of Wickliffe	Phoenix Paper Property	\$ 72,423	Ballard	County
21CWW007	Glasgow Water and Sewer Commission	Glasgow Water Improvement - 24-Inch Transmission Line Pritchardsville to Old Cavalry Drive (Phase 5 of 6)	\$ 1,625,091	Barren	County
21CWW008	Bath County Water District	BCWD Improvements And Upgrades	\$ 76,513	Bath	County
21CWW009	City of Owingsville	Waterline Replacement Project	\$ 76,513	Bath	County
21CWW010	Sharpsburg Water District	Sharpsburg Water District Water Tank Rehab Project	\$ 76,513	Bath	County
21CWW012	Boone County Water District	KY-18 Green Acres to Kelly Elementary	\$ 1,226,475	Boone	County
21CWW013	Big Sandy Water District	Replacement Water Interconnection - Kenova WV	\$ 417,000	Boyd	County
21CWW014	Cannonsburg Water District	Phase II - Shoppes Road Water Line Replacement	\$ 540,517	Boyd	County
21CWW015	City of Ashland	US 23 Winchester Avenue Water Main Replacement – Phase 1	\$ 540,000	Boyd	County
21CWW016	Bracken County Water District	BCWD Pump Stations Rehab	\$ 79,936	Bracken	County
21CWW017	City of Augusta	Augusta Lagoon Cleaning	\$ 80,000	Bracken	County
21CWW018	Louisville Water Company	John Lee Road 8" Water Main Extension	\$ 348,330	Bullitt	County
21CWW019	Louisville Water Company	Eagles Road 6" Water Main Extension	\$ 252,680	Bullitt	County
21CWW020	North Nelson Water District	Water Main Extensions - Bullitt County	\$ 1,695,770	Bullitt	County
21CWW069	City of Russell	Russell Raw Water Intake Emergency Replacement	\$ 612,000	Greenup	County
21CWW107	Lawrence County Fiscal Court	Blaine Waterline Extension	\$ 40,000	Lawrence	County
21CWW109	City of Vanceburg	Scotts Branch Road Water Line Replacement and SCADA System upgrade	\$ 123,600	Lewis	County
21CWW110	Garrison-Quincy-Ky-O-Heights Water District	Garrison Water Plant and Distribution Improvements	\$ 70,000	Lewis	County
21CWW111	Western Lewis-Rectorville Water & Gas District	Service Replacement Project	\$ 122,000	Lewis	County
21CWW114	City of Grand Rivers	Grand Rivers - East Side Water Distribution Improvements Phase II	\$ 150,329	Livingston	County
21CWW120	South Logan Water Association Inc	SLWA - Distribution Upgrade & Extension Project	\$ 120,000	Logan	County
21CWW122	Lyon County Water District	LCWD - Water Service Line Extensions	\$ 100,507	Lyon	County
21CWW133	Southern Madison Water District	SMWD - Bobtown Tank Rehabilitation	\$ 230,000	Madison	County
21CWW136	Salyersville Water Works	SCADA Upgrade	\$ 80,000	Magoffin	County
21CWW144	Western Mason Water District	Tank Rehab & Generator Project	\$ 148,914	Mason	County
21CWW182	City of Butler	Williams and Peoples Street Water	\$ 133,958	Pendleton	County
21CWW183	Pendleton County Water District	Pendleton County KY-3149	\$ 133,959	Pendleton	County
21CWW184	City of Elkhorn City	Elkhorn City Aging Main Replacement	\$ 57,403	Pike	County
21CWW185	City of Pikeville	Pikeville Water Plant Filter Subsurface Wash System Improvements	\$ 451,480	Pike	County
21CWW186	Mountain Water District	Brushy Creek-Sycamore Water Line Extension Project	\$ 1,616,674	Pike	County

**Cleaner Water Program Grants - Water**

<b>Grant Number</b>	<b>Grantee</b>	<b>Project Title</b>	<b>Amount</b>	<b>County</b>	<b>Allocation Pool</b>
21CWW187	City of Burnside	Burnside – Phase IV Elevated Water Tank	\$ 611,000	Pulaski	County
21CWW188	City of Burnside	Burnside – Tank Cleaning & Painting Project	\$ 175,000	Pulaski	County
21CWW189	City of Science Hill	Stanford Street Booster Pump Station	\$ 458,000	Pulaski	County
21CWW190	City of Somerset	Oak Hill Storage Tank Replacement, 5 MG Booster Station, & Water Main Extension	\$ 285,606	Pulaski	County
21CWW191	South Eastern Water Association Inc	Sandy Gap Area Improvements	\$ 285,606	Pulaski	County
21CWW192	Western Pulaski County Water District	Faubush/Nancy Area Water Transmission Main	\$ 285,605	Pulaski	County
21CWW193	City of Mount Olivet	Telemetry/SCADA Project	\$ 25,421	Robertson	County
21CWW194	Morehead Utility Plant Board	MUPB Lead Removal Program - Phase 1	\$ 406,319	Rowan	County
21CWW195	Rowan County Fiscal Court	East Clack Mtn Water Main Extension	\$ 342,000	Rowan	County
21CWW196	Rowan County Fiscal Court	Rowan Water Inc New Permanent Office Generator Project	\$ 150,000	Rowan	County
21CWW197	City of Jamestown	KY 55 300,000 Gallon Elevated Water Storage Tank	\$ 329,120	Russell	County
21CWW198	City of Russell Springs	Mt. Eden/Salem Area Water System Improvements	\$ 329,121	Russell	County
21CWW199	City of Georgetown	GMWSS - Northwest Bypass Water Line Extension	\$ 2,093,531	Scott	County
21CWW200	City of Campbellsville	Water System Improvements - WTP Filter & Sed Basin Renovations	\$ 804,197	Taylor	County
21CWW201	Green-Taylor Water District	Sandy Y Water Storage Tank Rehabilitation	\$ 142,196	Taylor	County
21CWW202	City of Elkton	Elkton - Water Storage Tank Improvements	\$ 146,193	Todd	County
21CWW203	City of Guthrie	Guthrie - Emergency Standby Generators	\$ 146,193	Todd	County
21CWW204	Todd County Water District	Todd County Water District - Master Meter Additions Project	\$ 12,421	Todd	County
21CWW205	Barkley Lake Water District	BLWD - Lakeside Waterline Replacement	\$ 376,651	Trigg	County
21CWW206	Trimble County Fiscal Court	Hardy Creek Waterline Extension	\$ 6,106	Trimble	County
21CWW207	City of Morganfield	Morganfield Radio Read Meter Project	\$ 132,040	Union	County
21CWW208	City of Sturgis	Sturgis Water Meter Upgrade Project	\$ 132,039	Union	County
21CWW209	City of Uniontown	Uniontown Main Street Waterline Replacement	\$ 132,039	Union	County
21CWW210	Bowling Green Municipal Utilities	Service Line Identification	\$ 1,990,000	Warren	County
21CWW211	Bowling Green Municipal Utilities	Yoke Meter Set Replacement	\$ 450,372	Warren	County
21CWW212	Warren County Water District	Southwest Parkway Improvements	\$ 360,372	Warren	County
21CWW213	Springfield Water and Sewer Commission	Springfield Water and Sewer S. Doctor Street Pipe Replacement	\$ 124,202	Washington	County
21CWW214	Springfield Water and Sewer Commission	Willisburg, Etown Road, and Wesley Chapel Tank Repainting	\$ 320,000	Washington	County
21CWW215	City of Monticello	New Powersburg BPS, Wray Hill BPS and Storage Tank Replacements, and Miscellaneous Water Line Improvements	\$ 746,751	Wayne	County
21CWW217	Whitley County Fiscal Court	Knox: Water Line Extension In Whitley County	\$ 332,958	Whitley	County
21CWW218	Whitley County Water District	WCWD 2021 System Improvements Project	\$ 332,958	Whitley	County
21CWW219	City of Midway	Midway Industrial Tank Rehab	\$ 60,459	Woodford	County
21CWW220	City of Versailles	Versailles - Water Distribution System Improvements	\$ 595,458	Woodford	County
21CWW221	Northeast Woodford County Water District	Northeast Woodford Tank Painting	\$ 100,459	Woodford	County

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

Reviewer John Brady  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWS001  
 WRIS Number SX21003014

GRANTEE SCOTTSVILLE, CITY OF  
 ALLEN COUNTY

**BRIEF DESCRIPTION**

Installation of sewer infrastructure to serve the new Allen Springs Industrial Park. This project will add sewer to our 100 acre new Allen Springs Industrial Park. To be competitive in recruiting new business to our community it is crucial to have all utilities in the Park, we have water and are finalizing our underground electric as well. Also will be adding natural gas and fiber. We are confident once these projects are complete we will be in a position to recruit new industry to Scottsville and Allen County.

PROJECT FINANCING		PROJECT BUDGET			RD Fee %	Actual %
CWP - Sewer Grant - 21CWS001	\$679,000	Administrative Expenses				\$2,500
		Planning				2,000
		Eng - Design / Const	9.7%	9.0%		55,000
		Eng - Insp	6.8%	0.8%		5,000
		Construction				535,000
		Contingency				75,000
<b>TOTAL</b>	<b>\$679,000</b>	<b>TOTAL</b>				<b>\$679,000</b>

PROFESSIONAL SERVICES Engineer American Engineers, Inc.

PROJECT SCHEDULE  
 Bid Opening March 1, 2022  
 Construction Start April 15, 2022  
 Construction Stop October 1, 2022

RESIDENTIAL RATES  
 Current Users 1,690 Avg. Bill \$ 32.50 (for 4,000 gallons)  
 Additional 7

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Allen	\$ 679,000.00		
	Total	\$ 679,000.00		

Notes:

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

Reviewer John Brady  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWS002  
 WRIS Number SX21005011

GRANTEE LAWRENCEBURG, CITY OF  
 ANDERSON COUNTY

**BRIEF DESCRIPTION**

Project includes approximately 3,000 feet of 12" gravity sewer, 15 manholes, 1 lift station and abandoning three lift stations.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Sewer Grant - 21CWS002	\$602,407	Administrative Expenses			\$20,000
Local	55,183	Construction			650,000
Other	77,410	Contingency			65,000
<b>TOTAL</b>	<b>\$735,000</b>	<b>TOTAL</b>			<b>\$735,000</b>

PROFESSIONAL SERVICES Engineer Rhody Engineering, LLC

PROJECT SCHEDULE Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES Current Users 6,003 Avg. Bill \$ 35.65 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Anderson	\$	602,407.00	
	Total	\$	602,407.00	

**Notes:**

Local funding anticipated for portion of financing

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

Reviewer John Brady  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWS004  
 WRIS Number SX21011026

GRANTEE BATH COUNTY FISCAL COURT  
 BATH COUNTY

**BRIEF DESCRIPTION**

This project proposed that a Sanitary Sewer Feasibility Study be conducted for the City of Sharpsburg Area to possibly tie into the Bath County Sanitation District.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Sewer Grant - 21CWS004	\$76,512	Planning			76,512
<b>TOTAL</b>	<b>\$76,512</b>	<b>TOTAL</b>			<b>\$76,512</b>

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE  
 Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES  
 Current Users 76 Avg. Bill \$ 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	Bath	\$	76,512.00	
		Total	\$	76,512.00

Notes:

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS005
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21011002
GRANTEE	OWINGSVILLE, CITY OF BATH COUNTY		
BRIEF DESCRIPTION			
This project proposes cleaning of the lagoon system at the wastewater treatment plant. The plant was constructed in 1986. The lagoon system treatment facility comprises approximately 14 acres. The project will also include installation of a mechanical influent screen at the plant.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS005	\$76,512	Administrative Expenses	\$38,500
Other	623,488	Legal Expenses	10,500
		Eng - Design / Const	10.1% 10.4% 55,765
		Eng - Insp	7.2% 7.4% 39,424
		Construction	464,811
		Contingency	70,000
		Other	21,000
TOTAL	<u>\$700,000</u>	TOTAL	<u>\$700,000</u>
PROFESSIONAL SERVICES	Engineer	Bell Engineering	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 706	<u>Avg. Bill</u> \$ 25.46 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Bath	\$ 76,512.00	
	Total	\$ 76,512.00	
Notes:			



<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS007
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21015013
GRANTEE	SANITATION DISTRICT #1 OF NORTHERN KENTUCKY BOONE COUNTY		
BRIEF DESCRIPTION			
Extend sanitary sewer service to western Central Boone County Master Sewer Plan to meet Consent Decree milestones by eliminating SSOs and facilitate growth prioritized by Boone County. Phase I - Shaft Access & FM			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS007	\$2,452,951	Construction	\$10,650,000
Other	11,480,549	Contingency	2,539,200
	-	Land, Easements	100,000
		Planning	14,000
		Eng - Design / Const	6.4% 4.8% 630,300
TOTAL	<u>\$13,933,500</u>	TOTAL	<u>\$13,933,500</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	April 15, 2022	
	Construction Start	June 1, 2022	
	Construction Stop	July 1, 2026	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	0	\$ - (for 4,000 gallons)
	Additional	10,149	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Boone	\$ 2,452,951.00	
	Total	\$ 2,452,951.00	
Notes:			

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

Reviewer John Brady  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWS008  
 WRIS Number SX21015014

GRANTEE SANITATION DISTRICT #1 OF NORTHERN KENTUCKY  
 BOONE COUNTY

**BRIEF DESCRIPTION**

Extend sanitary sewer service to western Central Boone County Master Sewer Plan to meet Consent Decree milestones by eliminating SSOs and facilitate growth prioritized by Boone County.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Sewer Grant - 21CWS008	\$3,650,000	Construction			\$6,750,000
Local	5,350,000	Contingency			1,269,600
	-	Land, Easements			174,600
		Planning			14,000
		Eng - Design / Const	6.4%	9.9%	791,800
<b>TOTAL</b>	<b>\$9,000,000</b>	<b>TOTAL</b>			<b>\$9,000,000</b>

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening April 15, 2022  
 Construction Start June 1, 2022  
 Construction Stop July 1, 2026

RESIDENTIAL RATES

	Users	Avg. Bill
Current	0	\$ - (for 4,000 gallons)
Additional	10,149	

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
Consent Decree Pool		\$ 3,650,000.00
	Total	\$ 3,650,000.00

**Notes:**

Local funds anticipated as 2nd funding source.

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

Reviewer John Brady  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWS009  
 WRIS Number SX21017022

GRANTEE PARIS, CITY OF  
 BOURBON COUNTY

**BRIEF DESCRIPTION**

The Millersburg Road sanitary sewer extension will serve approximately 300 acres of land designated for park use. The project includes a pump station and force main to convey wastewater from the park area to the existing Paris wastewater collection system.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Sewer Grant - 21CWS009	\$726,735	Construction			\$980,000
Other	573,265	Eng - Design / Const	8.8%	13.4%	145,000
		Eng - Insp	5.5%	6.9%	75,000
<b>TOTAL</b>	<b>\$1,300,000</b>	<b>TOTAL</b>			<b>\$1,300,000</b>

PROFESSIONAL SERVICES Engineer Strand Associates, Incorporated

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

RESIDENTIAL RATES

	Users	Avg. Bill
Current	4,102	\$ 21.32 (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	Bourbon	\$ 726,735.00
	<b>Total</b>	<b>\$ 726,735.00</b>

Notes:

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS010
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21019089
GRANTEE	CATLETTSBURG, CITY OF BOYD COUNTY		
BRIEF DESCRIPTION			
<p>With the current flow experienced by the aging Cattlettsburg sewer system, many pump stations are proving inadequate due to age or failing components. This project proposes a system-wide rehabilitation to current pump stations and repairs as needed. All pump stations in the Catlettsburg system will get backup pumps. The pumps in PS-2 and PS-12 will be replaced. Piping and overall repair is needed at PS-5 and PS-8. A CSO flow meter will be added for additional control during high rain events. Float sticks will be added to numerous pump stations and camera equipment will be procured to identify future repairs.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS010	\$338,250	Administrative Expenses	\$6,500
		Construction	206,750
		Equipment	125,000
TOTAL	<u>\$338,250</u>	TOTAL	<u>\$338,250</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 1,283	<u>Avg. Bill</u> \$ 35.47 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Boyd	\$ 338,250.00	
	Total	\$ 338,250.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS011
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21167019
GRANTEE	MERCER COUNTY SANITATION DISTRICT BOYLE COUNTY		
BRIEF DESCRIPTION			
<p>Gwinn Island Road is located in northeast Boyle County within the Mocks Creek watershed, along the Herrington Lake shoreline. The project scope will include the construction of a low pressure collection system consisting of approximately 21,700 LF of small diameter force main, along with the installation of 79 grinder pump stations to serve the existing properties located along the road. In addition to providing service to the homes, the project will also include service to the Gwinn Island Marina and Resort. Gwinn Island Marina and Resort consists of a full service marina with approximately 50 boat slips, 30 rental cabins, and an RV Park. The project will allow the marina to expand the RV Park, as well as increase the occupancy rate of the cabins year round. Most importantly, the project will eliminate aged and inadequate onsite septic systems currently serving the properties, reducing the infiltration of sewage to the watershed, while enhancing the water quality of the lake, as well as protecting the public health of residents and visitors to the area. Herrington Lake serves as the drinking water source for communities located in Boyle, Mercer, Garrard and Lincoln Counties. The proposed project includes new service to a second area located within the Herrington Lake watershed. The unserved area is located in the vicinity of Pandora Marina along Kennedy Bridge Road and is currently served by septic tanks and holding tanks. The project will include the installation of approximately 3,120 LF of small diameter force main and 13 grinder pump stations. The project area is located adjacent to the collection system that was recently constructed by the completion of the Kennedy Bridge Road Sanitary Sewer Project. The project included the construction of an 18,000 GPD wastewater package treatment plant, which will also provide service to the Pandora Marina and adjacent properties within the current scope. The project scope will also include a 5,550 LF extension of the existing low pressure collection system along Cold Springs Drive in Southern Mercer County to serve 14 properties currently served by septic tanks. In addition to Cold Springs Drive, 9 properties located along Beaumont Avenue and South College Street in Harrodsburg will receive sanitary sewer service from the existing low pressure collection system. Approximately 2,200 LF of small diameter force main will be installed to provide the service. The South College Street portion of the extension will provide new service to 5 commercial properties that currently have limited use due to the lack of public sewer service. In addition to Beaumont Avenue and South College Street, 2 properties located along Bellows Mill Road in Harrodsburg will also receive new sanitary sewer service by the installation of residential pump stations.</p>			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Sewer Grant - 21CWS011	\$1,276,592	RD Fee %	Actual %
Funding Source 2	1,073,348	Construction	\$1,790,500
		Legal Expenses	10,000
		Land, Easements	30,000
		Planning	25,000
		Eng - Design / Const	7.7% 7.7% 151,390
		Eng - Insp	4.6% 7.3% 144,000
		Eng - Other	20,000
		Contingency	179,050
TOTAL	\$2,349,940	TOTAL	\$2,349,940
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	May 1, 2022	
	Construction Start	July 1, 2022	
	Construction Stop	January 1, 2023	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	799	\$ 53.00 (for 4,000 gallons)
	Additional	66	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Boyle	\$ 1,103,985.00	
County Allocation Pool	Mercer	\$ 172,607.00	
	Total	\$ 1,276,592.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS012
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21023012
GRANTEE	AUGUSTA REGIONAL SEWER AUTHORITY BRACKEN COUNTY		
BRIEF DESCRIPTION			
<p>The Augusta Regional Sewer Authority, Inc. (ARSA) will provide complete sanitary sewer services to the Cities of Augusta and Brooksville, in Bracken County, Kentucky. The Cities of Augusta and Brooksville have completed some testing to identify major I&amp;I issues and these funds would be used towards additional I&amp;I testing and repair of the existing collection systems. The goal of this project is to eliminate as much I&amp;I as possible for when the systems are transferred to ARSA. This project also proposes to purchase a monitoring system for five (5) locations including the WWTP and 4 pump stations within the ARSA system.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS012	\$145,000	Administrative Expenses	\$5,000
		Planning	5,000
		Eng - Design / Const	14.3% 11.8% 10,000
		Construction	75,000
		Equipment	40,000
		Contingency	10,000
TOTAL	\$145,000	TOTAL	\$145,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	October 30, 2022	
	Construction Start	December 1, 2022	
	Construction Stop	September 30, 2024	
RESIDENTIAL RATES	Current	<u>Users</u> 0	<u>Avg. Bill</u> \$ - (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Bracken	\$ 145,000.00	
	Total	\$ 145,000.00	
Notes:			
Current rate information not provided.			

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS013
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21029039
GRANTEE	BULLITT COUNTY SANITATION DISTRICT BULLITT COUNTY		
BRIEF DESCRIPTION			
This project includes construction of a new 1,000 Gallon Per Minute (GPM) duplex sewage pumping station and 4,520 feet of 10" force main and 740 feet of 24" sewer. The pump station will be adjacent to the site of the former Hunters Hollow Wastewater Treatment Plant (WWTP). The new pump station will pump all sewage from the Hunters Hollow system through a 10" force main and 24" sewer north to discharge to the new MSD Mud Lane Interceptor Sewer.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS013	\$307,856	Construction	2,164,524
Other	2,285,264	Land, Easements	100,000
		Planning	30,000
		Eng - Design / Const	7.6% 7.9% 170,780
		Eng - Insp	4.5% 4.8% 103,816
		Eng - Other	24,000
TOTAL	<u>\$2,593,120</u>	TOTAL	<u>\$2,593,120</u>
PROFESSIONAL SERVICES	Engineer	Derrick Engineering, Inc.	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 0	<u>Avg. Bill</u> \$ - (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Bullitt	\$ 307,856.00	
	Total	\$ 307,856.00	
Notes:			
No rate information provided.			

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS014
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21029038
GRANTEE	LEBANON JUNCTION, CITY OF BULLITT COUNTY		
BRIEF DESCRIPTION			
This project will construct 1,300 LF of 12-inch gravity sewer line to provide surcharge relief to the existing 8-inch gravity sewer line between W Oak St. and Main St. in the Lebanon Junction service area. Proposed sewer line will provide a new collector sewer to relieve the surcharging of the existing 8-inch sewer line. New sewer line will require a CSX and KY 434 crossing, that will ultimately discharge into the main lift station.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS014	\$395,000	Administrative Expenses	\$5,000
		Planning	1,500
		Eng - Design / Const	11.1% 10.1% 33,000
		Eng - Insp	8.6% 7.7% 25,000
		Eng - Other	5,000
		Construction	295,500
		Contingency	30,000
TOTAL	\$395,000	TOTAL	\$395,000
PROFESSIONAL SERVICES	Engineer	Bluegrass Engineering, PLLC	
PROJECT SCHEDULE	Bid Opening	June 15, 2022	
	Construction Start	August 15, 2022	
	Construction Stop	March 15, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 583	<u>Avg. Bill</u> \$ 25.28 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Bullitt	\$ 395,000.00	
	Total	\$ 395,000.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Alex Fisher
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS058
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21117012
GRANTEE	SANITATION DISTRICT #1 OF NORTHERN KENTUCKY KENTON COUNTY		
BRIEF DESCRIPTION			
The project will add approximately 2,000 LF of 6" force main PVC to 33 unserved customers, eliminate those 33 failing septic systems, 45 grinder pumps and continue to address the compliance of the entity's Agreed Order 05-199-WOB.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS058	2,000,000	Land, Easements	40,000
		Planning	40,000
		Eng - Design / Const	7.9% 7.9% 140,000
		Construction	1,513,000
		Contingency	267,000
TOTAL	\$2,000,000	TOTAL	\$2,000,000
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	107,393	\$ 42.75 (for 4,000 gallons)
	Additional	33	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Kenton	\$ 2,000,000.00	
	Total	\$ 2,000,000.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Alex Fisher
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS059
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21117013
GRANTEE	SANITATION DISTRICT #1 OF NORTHERN KENTUCKY KENTON COUNTY		
BRIEF DESCRIPTION			
The project will add approximately 1,560 LF of <18" gravity fed PVC piping, eliminate 15 failing septic systems, provide service to those 15 unserved households and comply with the district's Agreed Order 05-199-WOB.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS059	1,000,000	Land, Easements	32,000
		Planning	20,000
		Eng - Design / Const	9.0% 8.0% 70,000
		Construction	746,300
		Contingency	131,700
TOTAL	<u>\$1,000,000</u>	TOTAL	<u>\$1,000,000</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	107,393	\$ 42.75 (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	Kenton	\$ 1,000,000.00	
	Total	\$ 1,000,000.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Alex Fisher
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS060
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21127033
GRANTEE	LOUISA, CITY OF LAWRENCE COUNTY		
BRIEF DESCRIPTION			
With the current state of the existing Sewer Treatment Facility and impending EPA involvement, the design and construction of a new sewer treatment facility is paramount to keeping the system running and in proper order. This is a design-only project leading to the construction of the plant. This project will go from preliminary site selection to approval by the Division of Water as well as seeking further funding sources for the construction of this plant.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS060	\$402,533	Administrative Expenses	\$9,000
		Planning	29,533
		Eng - Design / Const	364,000
TOTAL	\$402,533	TOTAL	\$402,533
PROFESSIONAL SERVICES	Engineer	Kentucky Engineering Group, PLLC	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 1,857	<u>Avg. Bill</u> \$ 38.68 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Lawrence	\$ 402,533.00	
	Total	\$ 402,533.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Alex Fisher
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS063
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21135021
GRANTEE	GARRISON-QUINCY-KY-O-HEIGHTS WATER DISTRICT LEWIS COUNTY		
BRIEF DESCRIPTION			
This project would make improvements to the Garrison Wastewater System, addressing several issues within the system that would allow more efficient operations. The project would include the purchase and installation of a new sewer pump for the Bentleyville lift station, Cleaning of both pump stations located in Bentleyville and on Garrison Lane with disposal of 12 cubic yards of waste, Replacement of the motor and compressor in blower #3 at the sewage treatment plant, and the purchase and installation of 30 new EOne grinder pumps for the collection system.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS063	\$75,000	Administrative Expenses	\$2,000
		Equipment	73,000
TOTAL	\$75,000	TOTAL	\$75,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	July 1, 2022	
	Construction Stop	July 30, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 304	<u>Avg. Bill</u> \$ 44.00 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Lewis	\$ 75,000.00	
	Total	\$ 75,000.00	
Notes:			

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>		Reviewer CPBOC Date KIA Grant Number WRIS Number	Alex Fisher March 15, 2022 21CWS064 SX21135011
GRANTEE	LEWIS COUNTY SANITATION DISTRICT #1 LEWIS COUNTY		
BRIEF DESCRIPTION The project proposes to replace pumps in stations #9, #10, #7 and #1. It will also update controls and electrical components. Clean and video gravity lines to find problem area with inflow getting in during rain periods. The project will also replace some of the original grinder pumps that are aged and worn.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee %    Actual %
CWP - Sewer Grant - 21CWS064	\$96,938	Administrative Expenses	\$3,000
		Construction	37,000
		Equipment	49,938
		Other	7,000
TOTAL	\$96,938	TOTAL	\$96,938
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	May 30, 2022	
	Construction Start	June 30, 2022	
	Construction Stop	December 30, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 651	<u>Avg. Bill</u> \$ 43.15 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Lewis	\$ 96,938.00	
	Total	\$ 96,938.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Alex Fisher
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS070
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21145041
GRANTEE	PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY MCCRACKEN COUNTY		
BRIEF DESCRIPTION			
Project will provide for CIPP lining of 8 inch thru 24 inch gravity sanitary sewer pipe, including service line CIPP lining, as well as miscellaneous service line dig repairs.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS070	\$1,082,000	Administrative Expenses	\$2,000
		Eng - Design / Const	8.8% 3.6% 37,500
		Eng - Insp	5.6% 0.7% 7,500
		Construction	900,000
		Contingency	135,000
TOTAL	\$1,082,000	TOTAL	\$1,082,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	Users 14,772	Avg. Bill \$ 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	\$ 1,082,000.00	
	Total	\$ 1,082,000.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Alex Fisher
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS074
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21151058
GRANTEE	NORTHERN MADISON COUNTY SANITATION DISTRICT MADISON COUNTY		
BRIEF DESCRIPTION			
<p>AppHarvest is constructing a major job creator industrial (2.80 million square feet under roof) facility in the form of mega sized greenhouses which will grow vegetables hydroponically. These facilities planned as 2 separate greenhouses will employ approx. 300 individuals. They will be located approximately 11,100 feet south of Northern Madison County Sanitation District's (NMCS D) existing sewer force main along KY 52 . A new P Sta./force main will need to be installed along KY 374 aka Speedwell Rd. to pump the wastewater into the KY 52 force main which flows to the existing NMCS D Muddy Creek WWTP for treatment before discharge. The quantity of flow is approx. 6,000 gallons/day and will consist of domestic waste only. AppHarvest has a closed loop water system used to grow the vegetables.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS074	\$500,000	Administrative Expenses	\$16,000
Local Funding	135,000	Legal Expenses	5,000
		Planning	5,000
		Eng - Design / Const	10.3% 9.4% 47,700
		Eng - Insp	7.4% 6.9% 34,900
		Eng - Other	21,400
		Construction	450,000
		Contingency	55,000
TOTAL	\$635,000	TOTAL	\$635,000
PROFESSIONAL SERVICES	Engineer	Nesbitt Engineering, Inc.	
PROJECT SCHEDULE	Bid Opening	April 7, 2021	
	Construction Start	March 28, 2022	
	Construction Stop	June 28, 2022	
RESIDENTIAL RATES		Users	Avg. Bill
	Current	417	\$ 61.79 (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	Madison	\$ 500,000.00	
	Total	\$ 500,000.00	
Notes:			
Local Funding		\$ 135,000.00	
	Total	\$ 635,000.00	

<b>EXECUTIVE SUMMARY</b>		Reviewer	Alex Fisher
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS079
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21161037
GRANTEE	WESTERN MASON SANITATION DISTRICT MASON COUNTY		
BRIEF DESCRIPTION			
The Western Mason Sanitation District has a low pressure grinder pump system. The grinder pumps are 16-18 years old within the system and have been re-built several times. This project will purchase and replace 80 worn out grinder pumps within the system.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS079	\$160,000	Administrative Expenses	\$5,000
		Equipment	155,000
TOTAL	\$160,000	TOTAL	\$160,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	July 1, 2022	
	Construction Start	August 1, 2022	
	Construction Stop	December 30, 2022	
RESIDENTIAL RATES	Current	<u>Users</u> 440	<u>Avg. Bill</u> \$ 60.13 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Mason	\$ 160,000.00	
	Total	\$ 160,000.00	
Notes:			

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer	Sandy Williams
	CPBOC Date	March 15, 2022
	KIA Grant Number	21CWS090
	WRIS Number	SX21191013

GRANTEE	FALMOUTH, CITY OF PENDLETON COUNTY
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**BRIEF DESCRIPTION**

Decommission existing malfunctioning pump station at Cardinal Ridge Sub Division South of Falmouth. Construct new 8 inch sewer line from Cardinal Ridge east across U.S. 27 485 feet and tie in to New Hope pump station. Daily design capacity for New Hope is 2,500 gpd.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Sewer Grant - 21CWS090	\$133,958	Administrative Expenses			\$2,100
Other	9,042	Legal Expenses			2,500
	-	Land, Easements			1,000
		Planning			5,000
		Eng - Design / Const	14.0%	14.6%	15,000
		Eng - Insp	12.9%	12.7%	13,000
	-	Eng - Other			2,000
	-	Construction			92,000
	-	Contingency			10,400
<b>TOTAL</b>	<b>\$143,000</b>	<b>TOTAL</b>			<b>\$143,000</b>

PROFESSIONAL SERVICES	Engineer	Haworth, Meyer & Boleyn, Inc.
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PROJECT SCHEDULE	Bid Opening	March 3, 2022
	Construction Start	May 1, 2022
	Construction Stop	July 1, 2022

RESIDENTIAL RATES	Current	<u>Users</u>	<u>Avg. Bill</u>
		1,101	\$ 36.47 (for 4,000 gallons)

REGIONAL COORDINATION      This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Pendleton	\$ 133,958.00
	Total	\$ 133,958.00

Notes:

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS091
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21191012
GRANTEE	EAST PENDLETON WATER DISTRICT PENDLETON COUNTY		
BRIEF DESCRIPTION			
Decommission and remove existing package treatment plant (PTP) located south of Falmouth. PTP owned and operated by East Pendleton Water District and serves Oak Haven Subdivision. Construct sewer line from PTP north to a pump station located along U.S.27 owned and operated by City of Falmouth. Line will consist of 5,000 L.F of 3-inch force main and 125 L.F. of 8-inch gravity sewer. Project also includes new submersibles and a new pump station required to pump the effluent from the existing PTP to the Falmouth pump station. Existing PTP is aging and performing poorly requiring significant expense to maintain within permit limits. DOW cited plant as being out of compliance with permit limits (NOV) in each of the last three quarters dating back to 2019. As of 11/25/2020, plant is under NOV and must take remedial steps to clear violations. Project will serve approximately 55 residences, the majority of which are LMI. Entire project area will occur in the U.S. 27 right of way, an area which has experienced significant ground disturbance. No easements will be required and all applicable DOW permits will be acquired. Impact on environment will be minimal. No existing structures or trees will be removed.			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Sewer Grant - 21CWS091	\$133,958	RD Fee %	Actual %
Loan	383,017	Administrative Expenses	\$0
Local	50,000	Legal Expenses	5,000
		Land, Easements	5,000
		Planning	10,000
		Eng - Design / Const	10.5% 8.8% 40,600
		Eng - Insp	7.6% 6.7% 31,000
		Eng - Other	15,000
		Construction	422,875
		Contingency	37,500
TOTAL	\$566,975	TOTAL	\$566,975
PROFESSIONAL SERVICES	Engineer	Haworth, Meyer & Boleyn, Inc.	
PROJECT SCHEDULE	Bid Opening	September 1, 2022	
	Construction Start	November 10, 2022	
	Construction Stop	February 1, 2023	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	55	\$ 41.63 (for 4,000 gallons)
	Additional	21	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Pendleton	\$ 133,958.00	
	Total	\$ 133,958.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS092
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21199033
GRANTEE	SOMERSET, CITY OF PULASKI COUNTY		
BRIEF DESCRIPTION			
The project will expand sewer service to the remaining residents of Ferguson. The project includes construction of approximately 16,500 LF of 8 inch PVC gravity sewer with manholes, 1,900 LF of 1-1/2 inch HDPE sewage force main, and two sewage grinder pumping stations. Approximately 103 new customers will be served, allowing elimination of failing septic systems.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS092	\$285,605	Administrative Expenses	\$75,000
USRD Loan/Grant	2,940,000	Legal Expenses	50,000
Other	1,374,395	Land, Easements	50,000
		Planning	87,000
		Eng - Design / Const	6.9% 6.4% 248,000
		Eng - Insp	3.7% 3.5% 135,000
	-	Eng - Other	30,000
	-	Construction	3,500,000
	-	Contingency	350,000
		Other	75,000
TOTAL	\$4,600,000	TOTAL	\$4,600,000
PROFESSIONAL SERVICES	Engineer	Bell Engineering	
PROJECT SCHEDULE	Bid Opening	September 15, 2021	
	Construction Start	October 15, 2021	
	Construction Stop	May 15, 2022	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	7,174	\$ 16.30 (for 4,000 gallons)
	Additional	103	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Pulaski	\$ 285,605.00	
	Total	\$ 285,605.00	
Notes:			

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>		Reviewer CPBOC Date KIA Grant Number WRIS Number	Sandy Williams March 15, 2022 21CWS093 SX21201006
GRANTEE	MOUNT OLIVET, CITY OF ROBERTSON COUNTY		
BRIEF DESCRIPTION			
This project would allow the City of Mt. Olivet to purchase and install a new aeration system to replace an aged system. It would also allow the City to purchase and install new grinder pumps that are aged as well.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS093	\$52,000	Administrative Expenses	\$1,000
		Equipment	51,000
TOTAL	\$52,000	TOTAL	\$52,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	May 1, 2022	
	Construction Start	June 1, 2022	
	Construction Stop	May 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 245	<u>Avg. Bill</u> \$ 42.68 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Robertson	\$ 52,000.00	
	Total	\$ 52,000.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS094
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21211020
GRANTEE	SHELBYVILLE MUNICIPAL WATER & SEWER COMMISSION SHELBY COUNTY		
BRIEF DESCRIPTION			
<p>This scope of this project will construct a new 36-inch gravity sewer main to the new Shelbyville Wastewater Treatment Plant and will also eliminate two sewage pumping stations. These two stations are known as the "Highway 55 Station" and the "Windhurst Industrial Park Pumping Station." Both of these pump stations are in Shelbyville's industrial park area. In order to successfully continue economic growth in this area of Shelbyville and in Shelby County as a whole, these two stations need to be eliminated. Upgrading these pump stations to adequate performance standards would be very costly and would not be in the city and county's best financial interests. The Highway 55 Station is currently at capacity and has several Sanitary Sewer Overflows (SSOs) throughout the year. By eliminating these two pump stations and installing the new 36-inch sewer main, no further economic development money will be required to help keep the two problematic pump stations from failing.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS094	\$1,800,458	Administrative Expenses	\$25,000
Loan	4,907,542	Legal Expenses	20,000
		Land, Easements	15,000
		Planning	25,000
		Eng - Design / Const	6.7% 6.5% 390,000
		Eng - Insp	4.5% 4.2% 250,000
	-	Construction	5,873,000
	-	Contingency	110,000
TOTAL	<u>\$6,708,000</u>	TOTAL	<u>\$6,708,000</u>
PROFESSIONAL SERVICES	Engineer	HDR	
PROJECT SCHEDULE	Bid Opening	November 1, 2021	
	Construction Start	January 15, 2022	
	Construction Stop	September 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 7,987	<u>Avg. Bill</u> \$ 24.38 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Shelby	\$ 1,800,458.00	
	Total	\$ 1,800,458.00	
Notes:			

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

Reviewer Sandy Williams  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWS095  
 WRIS Number SX21219011

GRANTEE TRENTON, CITY OF  
 TODD COUNTY

**BRIEF DESCRIPTION**

This project will rehabilitate the Trenton WWTP. The existing 125,000 GPD WWTP was built in 1967 and will require many improvements in order to meet DOW standards. A rental plant would be installed while all internal equipment in the existing WWTP is being renovated.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Sewer Grant - 21CWS095	\$146,703	Administrative Expenses			\$2,000
Loan	1,453,297	Legal Expenses			2,000
		Planning			20,500
		Eng - Design / Const	8.3%	4.2%	61,000
		Eng - Insp	5.1%	3.7%	54,000
		Eng - Other			2,500
		Construction			1,365,000
		Contingency			93,000
<b>TOTAL</b>	<b>\$1,600,000</b>	<b>TOTAL</b>			<b>\$1,600,000</b>

PROFESSIONAL SERVICES Engineer McGhee Engineering, Inc.

PROJECT SCHEDULE  
 Bid Opening April 7, 2022  
 Construction Start August 1, 2022  
 Construction Stop June 30, 2023

RESIDENTIAL RATES  
 Current Users 185 Avg. Bill \$ 41.67 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Todd	\$ 146,703.00
	Total	\$ 146,703.00

Notes:

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS096
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21221004
GRANTEE	CADIZ, CITY OF TRIGG COUNTY		
BRIEF DESCRIPTION			
This project will replace approximately 2,600 LF of 10" sewer line with 15" sewer from Line St. to Lincoln St. along the walking trail.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS096	\$161,422	Administrative Expenses	\$10,000
Loan	338,578	Planning	20,000
		Eng - Design / Const	10.8% 10.8% 41,510
		Eng - Insp	8.1% 8.1% 31,200
	-	Eng - Other	12,290
	-	Construction	350,000
	-	Contingency	35,000
TOTAL	<u>\$500,000</u>	TOTAL	<u>\$500,000</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	September 1, 2022	
	Construction Start	October 15, 2022	
	Construction Stop	December 30, 2022	
RESIDENTIAL RATES	Current	<u>Users</u> 1,184	<u>Avg. Bill</u> \$ 34.02 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Trigg	\$ 161,422.00	
	Total	\$ 161,422.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams	
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022	
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS097	
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21223013	
GRANTEE	BEDFORD, CITY OF TRIMBLE COUNTY			
BRIEF DESCRIPTION				
<p>This project will replace the three wastewater pump stations that are original to the wastewater system, which was constructed in the early 1980's. The fourth pump station, constructed in 2006, is still in good working order. All three original stations have reached the end of their design life and are well-beyond their useful life. Pump Station #1 (PS#1) serves the Trimble County High School and the Elementary School. Pump Station #3 (PS#3) serves nearly the entire wastewater collection system of Bedford. All three stations will be configured with SCADA controls resulting in improved efficiency. The wastewater treatment plant (WWTP) improvements portion of the project include the removal of the sludge blanket in the bottom of the lagoon cells, removal of vegetation and trees along the lagoon and other various improvements.</p>				
PROJECT FINANCING		PROJECT BUDGET		
CWP - Sewer Grant - 21CWS097	\$250,000	RD Fee %	Actual %	
Loan	659,500	Administrative Expenses		\$50,000
Other	909,500	Eng - Design / Const	8.2% 8.1%	125,000
		Eng - Insp	5.1% 4.9%	75,000
		Eng - Other		25,000
		Construction		1,310,000
		Contingency		234,000
TOTAL	\$1,819,000	TOTAL		\$1,819,000
PROFESSIONAL SERVICES	Engineer	Strand Associates, Incorporated		
PROJECT SCHEDULE	Bid Opening	April 15, 2021		
	Construction Start	June 15, 2021		
	Construction Stop	March 15, 2022		
RESIDENTIAL RATES	Current	<u>Users</u>	<u>Avg. Bill</u>	
		320	\$ 44.85	(for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.			
Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Trimble	\$ 250,000.00		
	Total	\$ 250,000.00		
Notes:				

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>		Reviewer CPBOC Date KIA Grant Number WRIS Number	Sandy Williams March 15, 2022 21CWS098 SX21223014
GRANTEE	MILTON, CITY OF TRIMBLE COUNTY		
BRIEF DESCRIPTION			
<p>The City of Milton completed a smoke testing study in 2012 and identified several sources of inflow. These issues have been addressed, but I/I is still a significant challenge to the system. This project will implement Phase 1 of a multi-phased approach to systematically narrow down the locations of I/I, identify the defects, and address these I/I sources. Phase 1 will consist of a desktop review of Milton's 19 pump stations run times during wet and dry weather. Responses to wet weather will indicate that the upstream system has I/I concerns. This Phase will eliminate water tight sections of the system from further consideration and focus subsequent Phases on areas most likely to have defects. Flow meters will be installed within the portions of the system that are likely to be suffering from I/I. These flow meters will break down these basins into smaller areas and provide higher resolution data of the severity and category of I/I within the system. Based on the results of Phase 1, sections of the collection system will be recommended for cleaning and television inspection.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee %    Actual %
CWP - Sewer Grant - 21CWS098	\$55,000	Planning	55,000
TOTAL	\$55,000	TOTAL	\$55,000
PROFESSIONAL SERVICES	Engineer	Strand Associates, Inc.	
PROJECT SCHEDULE	Bid Opening	May 15, 2022	
	Construction Start	July 1, 2022	
	Construction Stop	June 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 482	<u>Avg. Bill</u> \$ 29.75 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Trimble	\$ 55,000.00	
	Total	\$ 55,000.00	
Notes:			

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>		Reviewer CPBOC Date KIA Grant Number WRIS Number	Sandy Williams March 15, 2022 21CWS099 SX21225037
GRANTEE	WAVERLY, CITY OF UNION COUNTY		
BRIEF DESCRIPTION			
This project will allow the City of Waverly to rebuild Lift Station #2, one of its two lift stations in the system. The project includes the following components: two (2) Myers WG30-23 submersible grinder pumps, two (2) Myers RGW guide rail packages (pump base & top rail support), one (1) float bracket, four (4) mechanical switch floats, one (1) pedestal mounted duplex pump control panel in a Nema 4X enclosure (with alarm light & horn), one (1) retrofit access hatch, demolition of the existing top and hatch, rehabilitate electrics, and install discharge pipes.			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Sewer Grant - 21CWS099	\$71,872	RD Fee %	Actual %
		Administrative Expenses	\$3,422
		Construction	68,450
TOTAL	\$71,872	TOTAL	\$71,872
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 149	<u>Avg. Bill</u> \$ 49.59 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Union	\$ 71,872.00	
	Total	\$ 71,872.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS100
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21227086
GRANTEE	WARREN COUNTY WATER DISTRICT WARREN COUNTY		
BRIEF DESCRIPTION			
This project consists of adding 625' of 18" gravity sewer and 6,600' of 15" gravity sewer. This will also involve the elimination of an aging lift station and allow for several hundred acres of industrial, commercial, and residential expansion.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS100	\$2,080,000	Administrative Expenses	\$7,000
		Legal Expenses	5,000
		Eng - Design / Const	7.7% 4.7% 90,000
		Eng - Insp	4.7% 1.9% 36,000
		Eng - Other	7,000
		Construction	1,759,000
		Contingency	176,000
TOTAL	\$2,080,000	TOTAL	\$2,080,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	January 1, 2022	
	Construction Start	March 1, 2022	
	Construction Stop	December 30, 2022	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	7,646	\$ 28.92 (for 4,000 gallons)
	Additional	112	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Warren	\$ 2,080,000.00	
	Total	\$ 2,080,000.00	
Notes:			

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

Reviewer Sandy Williams  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWS101  
 WRIS Number SX21233027

GRANTEE SEBREE, CITY OF  
 WEBSTER COUNTY

**BRIEF DESCRIPTION**

This project includes replacing approximately 8,900 linear feet of existing 8-inch clay pipe, extending an 8 inch gravity sewer 101 linear feet to add five new customers, lowering a main that is currently exposed in a creek, and replacement of a retaining wall that protects a 12 inch main.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %	
CWP - Sewer Grant - 21CWS101	\$475,308	Administrative Expenses				\$50,000
KIA Loan A20-033	2,063,992	Legal Expenses				5,000
CDBG	910,828	Land, Easements				5,000
		Eng - Design / Const	7.2%	4.4%		136,390
		Eng - Insp	4.0%	4.7%		144,715
	-	Eng - Other				40,000
	-	Construction				2,790,021
	-	Contingency				279,002
<b>TOTAL</b>	<b>\$3,450,128</b>	<b>TOTAL</b>				<b>\$3,450,128</b>

PROFESSIONAL SERVICES Engineer Strand Associates, Incorporated

PROJECT SCHEDULE Bid Opening June 15, 2021  
 Construction Start September 15, 2021  
 Construction Stop April 15, 2021

RESIDENTIAL RATES

	Current	Users	Avg. Bill
		577	\$ 50.27 (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	Webster	\$ 475,308.00
	Total	\$ 475,308.00

Notes:

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWS102
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	SX21235001
GRANTEE	WILLIAMSBURG, CITY OF WHITLEY COUNTY		
BRIEF DESCRIPTION			
The City of Williamsburg is replacing the existing sanitary lift station that was originally designed to serve the KY Splash Water Park and Whitley County Detention Center.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Sewer Grant - 21CWS102	\$332,958	Administrative Expenses	\$0
Other	1,148,042	Eng - Design / Const	8.5% 6.6% 87,000
		Eng - Insp	5.3% 4.2% 55,000
		Eng - Other	17,000
		Construction	1,201,000
		Contingency	121,000
TOTAL	\$1,481,000	TOTAL	\$1,481,000
PROFESSIONAL SERVICES	Engineer	Kentucky Engineering Group, PLLC	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 0	<u>Avg. Bill</u> \$ - (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Whitley	\$ 332,958.00	
	Total	\$ 332,958.00	
Notes:			

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

Reviewer John Brady  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWW001  
 WRIS Number WX21001027

GRANTEE ADAIR COUNTY WATER DISTRICT  
 ADAIR COUNTY

**BRIEF DESCRIPTION**

Project consists of the construction of 9,500 LF of 6-inch water line along KY highway 551 connecting two existing water lines on each side of Green River; creating a loop in the system. The Green River Lake Crossing will include approximately 400 LF of 8-inch pipe. The Knifley Pump Station will be replaced with a new more efficient station. A 2 inch Pressure Reducing Valve will be replaced also.

PROJECT FINANCING		PROJECT BUDGET			RD Fee %	Actual %
CWP - Water Grant - 21CWW001	\$705,214	Legal Expenses				5,000
Other	673,606	Planning				15,000
		Eng - Design / Const	8.6%	8.0%		93,420
		Eng - Insp	5.4%	5.0%		58,900
		Eng - Other				35,000
		Construction				1,065,000
		Contingency				106,500
<b>TOTAL</b>	<b>\$1,378,820</b>	<b>TOTAL</b>				<b>\$1,378,820</b>

PROFESSIONAL SERVICES Engineer Kentucky Engineering Group PLLC

PROJECT SCHEDULE Bid Opening March 1, 2022  
 Construction Start May 15, 2022  
 Construction Stop May 31, 2023

RESIDENTIAL RATES

	Users	Avg. Bill
Current	8,105	\$ 40.90 (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	Adair	\$ 705,214.00
	<b>Total</b>	<b>\$ 705,214.00</b>

Notes:

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW002
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21003024
GRANTEE	ALLEN COUNTY WATER DISTRICT ALLEN COUNTY		
BRIEF DESCRIPTION			
<p>This project will connect two separate pressure zones within ACWD distribution system allowing for redundancy of service that serves approximately 20% of their customers. The water line extension would include approximately 4,300 linear feet along Old State Road and other appurtenances. This project will help reduce maintenance costs associated with dead end lines by creating a loop within the system and providing a secondary source of water during breaks.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW002	\$103,816	Planning	\$1,500
Other	175,684	Eng - Design / Const	11.9% 11.3% 26,000
	-	Eng - Insp	9.9% 9.1% 21,000
	-	Construction	210,000
	-	Contingency	21,000
TOTAL	\$279,500	TOTAL	\$279,500
PROFESSIONAL SERVICES	Engineer	Bluegrass Engineering, PLLC	
PROJECT SCHEDULE	Bid Opening	February 28, 2022	
	Construction Start	April 1, 2022	
	Construction Stop	July 31, 2022	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	5,648	\$ 34.45 (for 4,000 gallons)
	Additional	4	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Allen	\$ 103,816.00	
	Total	\$ 103,816.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW003
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21005008
GRANTEE	SOUTH ANDERSON WATER DISTRICT ANDERSON COUNTY		
BRIEF DESCRIPTION			
<p>The project will consist of four separate activities. One will be the installation of approximately 1,800 feet of 3-inch water main and appurtenances to serve six residential users who are currently under-served off a 2-inch main and permit future services in the area. The project will also include the removal of an old underground can booster pump station which is deteriorating and will eventually lead to leaks. Straight full size piping will be laid through the area. The third activity will be the installation of an altitude valve at the Bluegrass Parkway elevated storage tank and revisions to the SCADA/radio telemetry system to change control of the EMS booster pump station to the Ballard Tank from the Bluegrass Parkway tank. The fourth activity will be the rehabilitation of the U.S. Hwy. 62 underground booster pump station which is over 30 years old. The bps rehab will include new pumps/motors, valves, wiring, anodes, etc.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW003	\$233,000	Administrative Expenses	\$5,000
		Legal Expenses	5,000
		Planning	5,000
		Eng - Design / Const	12.5% 7.7% 14,000
		Eng - Insp	10.9% 7.2% 13,000
		Eng - Other	10,000
		Construction	171,550
		Contingency	9,450
TOTAL	\$233,000	TOTAL	\$233,000
PROFESSIONAL SERVICES	Engineer	Kenvirons, Inc.	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 3,084	<u>Avg. Bill</u> \$ 39.99 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Anderson	\$ 233,000.00	
	Total	\$ 233,000.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW004
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21007030
GRANTEE	BARLOW, CITY OF BALLARD COUNTY		
BRIEF DESCRIPTION			
<p>Replace all existing traditional water meters (approx. 350) with new, more accurate AMR or AMI/smart meter radio-read type water meters to help reduce non-revenue water. Additionally, labor efficiencies will be enhanced with the installation of electronic endpoints at each meter location. This will result in customer usage gathering in a more timely, safer manner. Also, the project will include the assessment and mitigation of potential water quality issues throughout the distribution system.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW004	\$72,424	Administrative Expenses	\$2,500
		Construction	69,924
TOTAL	\$72,424	TOTAL	\$72,424
PROFESSIONAL SERVICES	Engineer	N/A	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 0	<u>Avg. Bill</u> \$ - (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Ballard	\$ 72,424.00	
	Total	\$ 72,424.00	
Notes:			
Rate information not provided			

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW005
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21007019
GRANTEE	LA CENTER, CITY OF BALLARD COUNTY		
BRIEF DESCRIPTION			
This project will consist of replacing asbestos cement waterlines along Biscayne Drive, Malibu Drive, Kenwood Drive, and Parkview Drive. Along with the replacement of the water main, the City will also replace the customer meters.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW005	\$72,424	Administrative Expenses	\$4,000
Other	31,786	Legal Expenses	1,000
		Eng - Design / Const	14.2% 12.7% 11,210
		Construction	80,000
		Contingency	8,000
TOTAL	<u>\$104,210</u>	TOTAL	<u>\$104,210</u>
PROFESSIONAL SERVICES	Engineer	Austin Engineering	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 429	<u>Avg. Bill</u> \$ 37.94 (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 John Brady  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWW006  
 WRIS Number WX21007028

GRANTEE WICKLIFFE, CITY OF  
 BALLARD COUNTY

**BRIEF DESCRIPTION**

The project scope includes constructing a 10 inch line to support industrial expansion in the area.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW006	\$72,423	Construction			72,423
<b>TOTAL</b>	<b>\$72,423</b>	<b>TOTAL</b>			<b>\$72,423</b>

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE  
 Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES		Users	Avg. Bill
Current		371	\$ 28.91 (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	Ballard	\$	72,423.00	
		Total	\$	72,423.00

Notes:

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

Reviewer John Brady  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWW007  
 WRIS Number WX21009033

GRANTEE GLASGOW WATER AND SEWER COMMISSION  
 BARREN COUNTY

**BRIEF DESCRIPTION**

This is phase 5 of a 6-phase project to construct a redundant transmission line from Glasgow Water Company's Water Treatment Plant at Barren River Lake to the site of a proposed water tank on the west side of the city on Grandview Avenue (WX21009031). Phases 1-4 have all been previously completed. This project (Phase 5) will construct approximately 12,500 feet of 24 inch water transmission line connecting the end of Phase 4 (which was completed in Fall 2019 near the intersection of 31E and Pritchardsville Rd.) to the beginning of Phase 6 (near Old Cavalry Dr.) Phase 6 will include additional 24 inch water transmission line to connect the end of Phase 5 to a proposed water tank on Grandview Avenue.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %	
CWP - Water Grant - 21CWW007	\$1,625,091	Eng - Design / Const		7.0%	5.6%	198,900
Other	2,274,909	Eng - Insp		3.8%	3.3%	119,600
		Construction				3,321,500
		Contingency				260,000
<b>TOTAL</b>	<b>\$3,900,000</b>	<b>TOTAL</b>				<b>\$3,900,000</b>

PROFESSIONAL SERVICES Engineer Watson Engineering

PROJECT SCHEDULE  
 Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES  
 Current Users 19,437 Avg. Bill \$ 15.07 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Barren	\$ 1,625,091.00		
	Total	\$ 1,625,091.00		

Notes:

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer	John Brady
	CPBOC Date	March 15, 2022
	KIA Grant Number	21CWW008
	WRIS Number	WX21011040

GRANTEE	BATH COUNTY WATER DISTRICT BATH COUNTY
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**BRIEF DESCRIPTION**

Bath County Water District has a directly serviceable population of approximately 8,941 or 4,031 households, with service connections in Bath, Menifee, Montgomery, and Rowan. Bath County Water District directly effects four of the five counties within the Gateway Region. Bath County Water District is needing improvements, refurbishments and upgrades as a result of aging infrastructure and a growing serviceable population. This project proposes the refurbishment of all six of the Bath County Water District's water tanks. Five of the six tank (Perry Road Tower, Means Tank, Ore Mines Tank, Olympia Tank, and Owingsville Tank) will need spots grinded out, cleaned, and some painting. The sixth tank, the Salt Lick Tank, will need the interior and exterior sand blasted, with the exterior being painted and the interior being recoated. In addition to the the aforementioned tank refurbishments, a new 10-inch water main crossing US 60 will allow need to be laid, for redundant water supply access , as precautionary measure if main feed crossing the Licking River were to break or need replaced. The addition of this line would extend potable drinking water access to 30 new customers. This project would also call for refurbishments and upgrades to both the Midland Pump Station and Ore Mines Pump Station to include the following to improve water quality and resolve issues with failing infrastructure; - Pumps with Larger Capacity -Variable Frequency Drives - New Internal Piping - Flow Meters - Electrical upgrades.

PROJECT FINANCING		PROJECT BUDGET		
		RD Fee %	Actual %	
CWP - Water Grant - 21CWW008	\$76,513			Administrative Expenses \$44,175
Other	1,094,662			Planning 22,500
		8.9%	8.2%	Eng - Design / Const 80,000
		5.7%	5.3%	Eng - Insp 52,000
				Construction 883,500
				Contingency 89,000
<b>TOTAL</b>	<b>\$1,171,175</b>			<b>TOTAL \$1,171,175</b>

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

RESIDENTIAL RATES	<u>Users</u>	<u>Avg. Bill</u>
Current	3,995	\$ 29.86 (for 4,000 gallons)
Additional	30	

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Bath	\$ 76,513.00
	Total	\$ 76,513.00

Notes:

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer	John Brady
	CPBOC Date	March 15, 2022
	KIA Grant Number	21CWW009
	WRIS Number	WX21011013

GRANTEE	OWINGSVILLE, CITY OF BATH COUNTY
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**BRIEF DESCRIPTION**

The City of Owingsville Water System has a directly serviceable population of approximately 1932, or 966 households. The City of Owingsville proposes the replacement and upgrade of an existing problematic ageing waterline in the following areas: -From the Bath County Water District meter pit to the Owingsville Elementary School (Currently 6" PVC) -Sudith Street -High Street -Main Street. The total line replacement would be approximately 5,850 LF of 8" PVC waterline. At various points waterline is located beneath streets surfaces in various locations. The project will improve water quality, pressure, and volume to the establishments within this area. There are approximately 90 underserved households within the proposed project area.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW009	\$76,513	Administrative Expenses			\$25,000
Other	946,487	Legal Expenses			5,000
		Relocation Expense & Payments			6,915
		Planning			27,500
		Eng - Design / Const	9.1%	7.6%	63,488
		Eng - Insp	5.9%	5.6%	46,767
		Eng - Other			14,557
		Construction			757,975
		Contingency			75,798
<b>TOTAL</b>	<b>\$1,023,000</b>	<b>TOTAL</b>			<b>\$1,023,000</b>

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

RESIDENTIAL RATES	Current	<u>Users</u> 927	\$	<u>Avg. Bill</u> 25.46 (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	Bath	\$	76,513.00	
	Total	\$	76,513.00	

Notes:

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW010
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21011021
GRANTEE	SHARPSBURG WATER DISTRICT BATH COUNTY		
BRIEF DESCRIPTION			
<p>The Sharpsburg Water District has a directly serviceable population of approximately 3269, or 1466 households, with serviceable connections in both Bath and Nicholas counties. Sharpsburg Water District proposes a project which would rehabilitate and refurbish the following three water tanks located with their system; -Reynoldsville Tank (100000 Gallon Max Capacity) -Sharpsburg Tank (119000 Gallon Max Capacity) -Whetstone Tank (100000 Max Capacity). The proposed refurbishments would include sand blasting and recoding the interior of all three of the aforementioned tanks. All three of the aforementioned tanks would also need painting as well. The proposed project would also see the installation of new equipment on each tank to improve water turnover quality to reduce public health risk of consuming and using stale water. The proposed project would also require and inspection of the Whetstone and Reynoldsville Tanks. The proposed project area would improve water quality for currently 1451 underserved households within the systems serviceable area, which is approximately 98.9% of the systems serviceable households.</p>			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 21CWW010	\$76,513	RD Fee %	Actual %
RD	423,487	Administrative Expenses	\$27,500
		Legal Expenses	7,500
		Eng - Design / Const	10.8% 11.4% 42,800
		Eng - Insp	8.2% 8.5% 32,000
		Construction	325,200
		Contingency	50,000
		Other	15,000
TOTAL	\$500,000	TOTAL	\$500,000
PROFESSIONAL SERVICES	Engineer	HDR Engineering, Incorporated	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	Users	Avg. Bill
		1,509	\$ 40.02 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Bath	\$ 76,513.00	
	Total	\$ 76,513.00	
Notes:			
RD anticipated as 2nd funding source			

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW012
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21015008
GRANTEE	BOONE COUNTY WATER DISTRICT BOONE COUNTY		
BRIEF DESCRIPTION			
Originally a part of WX21015517-WX21015400, 29,000' of 12" DIP to provide water to 119 homes that were previously unserved. Engineering is underway.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW012	\$1,226,475	Construction	4,479,050
Local	1,500,000	Contingency	447,905
Other	2,708,804	Eng - Design / Const	6.8% 10.3% 508,324
TOTAL	\$5,435,279	TOTAL	\$5,435,279
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	119	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Boone	\$ 1,226,475.00	
	Total	\$ 1,226,475.00	
Notes:			
Boone County Fiscal Court and Boone County Water District providing local funding.			

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW013
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21019060
GRANTEE	BIG SANDY WATER DISTRICT BOYD COUNTY		
BRIEF DESCRIPTION			
The current interconnect with Kenova Utilities has broken free from the river bottom and is floating just under the surface. To remedy this problem, Big Sandy Water District will use directional boring to go under the river with two new 8-inch transmission lines and reconnect to the high-pressure lines on the West Virginia side of the river.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW013	\$417,000	Administrative Expenses	\$11,000
		Legal Expenses	5,000
		Land, Easements	6,000
		Planning	30,000
		Eng - Design / Const	11.3% 10.9% 32,500
		Eng - Insp	8.8% 8.8% 26,000
		Eng - Other	9,500
		Construction	260,000
		Contingency	37,000
TOTAL	\$417,000	TOTAL	\$417,000
PROFESSIONAL SERVICES	Engineer	Sisler-Maggard Engineering, PLLC	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 4,746	<u>Avg. Bill</u> \$ 43.03 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Boyd	\$ 297,000.00	
County Allocation Pool	Lawrence	\$ 120,000.00	
	Total	\$ 417,000.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW014
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21019057
GRANTEE	CANNONSBURG WATER DISTRICT BOYD COUNTY		
BRIEF DESCRIPTION			
This project is a continuation of the Cannonsburg Water District's (CWD) water loss reduction efforts established in Phase I. The project involves the replacement of problematic asbestos cement (AC) water line in the Shoppes Creek area along with the installation of sub-zone meters. Location of meters will be determined once engineering of new line location is complete.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW014	\$540,517	Administrative Expenses	\$20,000
Local	583,483	Legal Expenses	40,000
		Eng - Design / Const	9.0% 9.3% 86,000
		Eng - Insp	5.7% 5.3% 49,000
		Construction	829,000
		Contingency	100,000
TOTAL	<u>\$1,124,000</u>	TOTAL	<u>\$1,124,000</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	May 1, 2023	
	Construction Start	June 1, 2023	
	Construction Stop	November 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 3,981	<u>Avg. Bill</u> \$ 44.41 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Boyd	\$ 540,517.00	
	Total	\$ 540,517.00	
Notes:			
Local funds committed to finance project.			

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW015
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21019058
GRANTEE	ASHLAND, CITY OF BOYD COUNTY		
BRIEF DESCRIPTION			
<p>The proposed project will consist of replacement of approximately 825 LF of existing 24-inch and approximately 1500 LF of existing 16-inch cast and ductile iron water main from 39th Street to 43rd Street within US 23 Winchester Avenue along with other appurtenances. The existing line is decades old and has been repaired numerous times following several major line breaks. The line is a critical main line feeding downtown Ashland and Catlettsburg. This initial project phase addresses the section of line identified as having the more significant number of pipe defects.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW015	\$540,000	Administrative Expenses	\$20,000
Local	629,000	Eng - Insp	5.5% 3.5% 39,000
		Construction	1,010,000
		Contingency	100,000
TOTAL	<u>\$1,169,000</u>	TOTAL	<u>\$1,169,000</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	June 1, 2022	
	Construction Start	July 15, 2022	
	Construction Stop	September 30, 2022	
RESIDENTIAL RATES	Current	<u>Users</u> 14,516	<u>Avg. Bill</u> \$ 28.14 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Boyd	\$ 540,000.00	
	Total	\$ 540,000.00	
Notes:			
Local funds committed to finance project.			

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW016
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21023051
GRANTEE	BRACKEN COUNTY WATER DISTRICT BRACKEN COUNTY		
BRIEF DESCRIPTION			
<p>This project proposes rehab to both the Main Pump Station and the Chatham Pump station within the Bracken County Water District system. The Main pump station clearwell will be cleaned and 2 of the 125 hp motors and pumps will be pulled, rebuilt and reinstalled. New valves and piping will also be installed to the clearwell. The Chatham pump station rehab will consist of 2 of the 20 hp pumps being replaced with VFD's.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW016	\$79,936	Administrative Expenses	\$3,000
Other	22,964	Equipment	99,900
<b>TOTAL</b>	<b>\$102,900</b>	<b>TOTAL</b>	<b>\$102,900</b>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	August 1, 2022	
	Construction Start	September 1, 2022	
	Construction Stop	March 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 2,674	<u>Avg. Bill</u> \$ 51.32 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Bracken	\$ 79,936.00	
	Total	\$ 79,936.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW017
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21023039
GRANTEE	AUGUSTA, CITY OF BRACKEN COUNTY		
BRIEF DESCRIPTION			
<p>This project will clean the two lagoons the system has. Due to accumulated solids, the lagoons have become very shallow and are not functioning at a required level. The system has findings on their Sanitary Survey and has an NOV due to the lagoons. The Water Treatment Plant provides water to the City of Augusta and Bracken County Water District. Bracken County Water District sells water to the City of Brooksville and East Pendleton Water District.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW017	\$80,000	Administrative Expenses	\$4,000
		Construction	76,000
TOTAL	<u>\$80,000</u>	TOTAL	<u>\$80,000</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	October 1, 2022	
	Construction Start	December 1, 2022	
	Construction Stop	May 31, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 575	<u>Avg. Bill</u> \$ 27.25 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Bracken	\$ 80,000.00	
	Total	\$ 80,000.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW018
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21029090
GRANTEE	LOUISVILLE WATER COMPANY BULLITT COUNTY		
BRIEF DESCRIPTION			
This project includes the installation of 4,104 linear feet of 8" PVC water main along John Lee Road in Bullitt County. This project will extend water service to an unserved portion of Bullitt County.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW018	\$348,330	Administrative Expenses	\$4,545
		Eng - Design / Const	11.4% 9.2% 26,400
		Eng - Insp	9.0% 4.3% 12,480
		Construction	275,815
		Contingency	12,000
		Other	17,090
TOTAL	<u>\$348,330</u>	TOTAL	<u>\$348,330</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	279,283	\$ 24.91 (for 4,000 gallons)
	Additional	14	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Bullitt	\$ 348,330.00	
	Total	\$ 348,330.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW019
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21111194
GRANTEE	LOUISVILLE WATER COMPANY BULLITT COUNTY		
BRIEF DESCRIPTION			
This project includes the installation of 2,200 linear feet of 6" PVC water main along Eagles Road off Mt. Elmira Road in Bullitt County. This project will extend water service to an unserved portion of Bullitt County.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW019	\$252,680	Administrative Expenses	\$3,300
		Eng - Design / Const	12.2% 9.4% 19,200
		Eng - Insp	10.3% 6.1% 12,480
		Construction	196,100
		Contingency	9,000
		Other	12,600
TOTAL	<u>\$252,680</u>	TOTAL	<u>\$252,680</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	279,283	\$ 24.91 (for 4,000 gallons)
	Additional	7	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Bullitt	\$ 252,680.00	
	Total	\$ 252,680.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	John Brady
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW020
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21029257
GRANTEE	NORTH NELSON WATER DISTRICT BULLITT COUNTY		
BRIEF DESCRIPTION			
This project will extend water mains along three roads in Bullitt County. The roads to be served are Rummage Road, Grisby Road, and Vaughn Road. An estimated 40,400 linear feet of water main will be installed along with a directional bored creek crossing. It is estimated that 25 homes will be served with water.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW020	\$1,695,770	Construction	\$1,351,000
		Legal Expenses	2,500
		Planning	5,000
		Eng - Design / Const	8.3% 7.7% 113,870
		Eng - Insp	5.1% 4.8% 70,900
		Eng - Other	17,500
		Contingency	135,000
TOTAL	\$1,695,770	TOTAL	\$1,695,770
PROFESSIONAL SERVICES	Engineer	Kentucky Engineering Group PLLC	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	4,742	\$ 24.55 (for 4,000 gallons)
	Additional	25	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Bullitt	\$ 1,695,770.00	
	Total	\$ 1,695,770.00	
Notes:			

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

Reviewer Sandy Williams  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWW069  
 WRIS Number WX21089108

GRANTEE RUSSELL, CITY OF  
 GREENUP COUNTY

**BRIEF DESCRIPTION**

Russell will install a floating dock constructed from a decommissioned barge with intake pumps to temporarily take over service from the current failing intake. A permanent intake is in planning with currently procured E.L. Robinson Engineering under prnum WX21089073. Included in the temporary intake will be the dock, catwalk, cable anchors, and deadman anchors. Spuds will be driven into the river bed just upstream of the current intake to hold the temporary intake in place. This intake will have two pumps pulling from 12-inch intakes with a manifold screen for filtration. The intake piping will be secured to the bottom of the barge and catwalk until reaching the river bank where it will connect to the current intake lines before reaching the treatment facility. The electrical service from the existing intake will be rewired to the new intake to provide power.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW069	\$612,000	Administrative Expenses			\$7,000
		Planning			20,000
		Eng - Design / Const	10.3%	8.7%	43,000
		Eng - Insp	7.4%	5.3%	26,000
		Eng - Other			21,000
		Construction			450,000
		Contingency			45,000
<b>TOTAL</b>	<b>\$612,000</b>	<b>TOTAL</b>			<b>\$612,000</b>

PROFESSIONAL SERVICES Engineer Banks Engineering Inc.

PROJECT SCHEDULE Bid Opening N/A  
 Construction Start TBD  
 Construction Stop June 30, 2022

RESIDENTIAL RATES Current Users 2,330 \$ Avg. Bill 26.40 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Greenup	\$ 612,000.00		
	Total	\$ 612,000.00		

Notes:

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

Reviewer Alex Fisher  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWW107  
 WRIS Number WX21127028

GRANTEE LAWRENCE COUNTY FISCAL COURT  
 LAWRENCE COUNTY

**BRIEF DESCRIPTION**

With the newly constructed school on Blaine School Road, Paintsville Utilities ran a waterline to provide service but stopped this waterline at the school. This leaves about 6 households unserved that could be provided with water service for a very low cost. Lawrence County Fiscal Court would like to construct this short waterline which would then be transferred to Paintsville Utilities to provide service and upkeep the line.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW107	\$40,000	Administrative Expenses			\$1,600
		Construction			35,000
		Contingency			3,400
<b>TOTAL</b>	<b>\$40,000</b>	<b>TOTAL</b>			<b>\$40,000</b>

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE  
 Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES	Users	Avg. Bill
Current	8,321	\$ 31.71 (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	Lawrence	\$ 40,000.00
	TBD	
	<b>Total</b>	<b>\$ 40,000.00</b>

Notes:

<b>EXECUTIVE SUMMARY</b>		Reviewer	Alex Fisher
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW109
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21135023
GRANTEE	VANCEBURG, CITY OF LEWIS COUNTY		
BRIEF DESCRIPTION			
<p>This project proposes to reroute and replace an 8" water line along the mouth of Scotts Branch Road (State Hwy 474) on State Hwy 59 to avoid a reoccurring slip between the highway and Laurel Fork creek. This line services around 500 customers including an elementary school. To accomplish this project the water line would be moved to connect with a 12" water line that runs along Stone Hill Road. This would require approximately 1,500 feet of new water line be laid from Stone Hill Road to a 400' directional bore crossing going under Laurel Fork Creek back to the existing water line alone State Route 59. This project would also upgrade the systems obsolete SCADA system with the newest version of the software.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW109	\$123,600	Administrative Expenses	\$4,000
		Construction	99,400
		Equipment	20,200
TOTAL	\$123,600	TOTAL	\$123,600
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	July 30, 2022	
	Construction Start	August 30, 2022	
	Construction Stop	June 30, 2024	
RESIDENTIAL RATES	Current	<u>Users</u> 2,606	<u>Avg. Bill</u> \$ 26.41 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Lewis	\$ 123,600.00	
	Total	\$ 123,600.00	
Notes:			

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer	Alex Fisher
	CPBOC Date	March 15, 2022
	KIA Grant Number	21CWW110
	WRIS Number	WX21135024

GRANTEE	GARRISON-QUINCY-KY-O-HEIGHTS WATER DISTRICT LEWIS COUNTY
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**BRIEF DESCRIPTION**

This project proposes to make several improvements and updates to the current Garrison Water system, some of which are to obtain PSC compliance. The project would include cleaning and flow testing of Well #6 located on the water plant property and the purchase of new Telemetry for the WTP and Tank Site to enable the system to monitor the volume of water in the tanks as well as allow the pumps fill the tanks when levels drop off. The new equipment would consist of a new radio, at the plant, as well as a new radio at the tank, a RTU Control Panel with PLC Controller would be installed at the tank site in a NEMA 4 enclosure. The project also proposes to replace one service line that 250 feet long located at 6489 Kinney Road, Garrison, Ky that has been a problem for the system repeatedly and a clean out and replacement of media in the Backwash Settling Basin located on the District Property that has a large amount of buildup in it. Also included in the project is the replacement of 1" and smaller water meters according to PSC regulations. To regain compliance, 235 meters need purchased and put into service. Also, the 4" water plant meter is past due on testing and in need of replacement. In addition to the customer meters, the District needs to install 10 ByPass/Monitor meter sets to address water loss issues and leaks.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW110	\$70,000	Administrative Expenses			\$2,000
		Equipment			68,000
<b>TOTAL</b>	<b>\$70,000</b>	<b>TOTAL</b>			<b>\$70,000</b>

PROFESSIONAL SERVICES	Engineer	TBD
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PROJECT SCHEDULE	Bid Opening	TBD
	Construction Start	July 1, 2022
	Construction Stop	July 1, 2023

RESIDENTIAL RATES	Current	<u>Users</u>	<u>Avg. Bill</u>
		1,055	\$ 36.60 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Lewis	\$ 70,000.00
	Total	\$ 70,000.00

Notes:

<b>EXECUTIVE SUMMARY</b>		Reviewer	Alex Fisher
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW111
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21135022
GRANTEE	WESTERN LEWIS-RECTORVILLE WATER & GAS DISTRICT LEWIS COUNTY		
BRIEF DESCRIPTION			
This project would replace approximately 150 water services (from tap to meter) from the Mason-Lewis County line through Tollesboro to Ribolt. This will include service line, meter setter, meter jug and lid.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW111	\$122,000	Administrative Expenses	\$4,000
		Construction	118,000
TOTAL	\$122,000	TOTAL	\$122,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	May 1, 2022	
	Construction Start	June 1, 2022	
	Construction Stop	June 1, 2023	
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	Lewis	\$ 122,000.00	
	Total	\$ 122,000.00	
Notes:			

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

Reviewer Alex Fisher  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWW114  
 WRIS Number WX21139037

GRANTEE GRAND RIVERS, CITY OF  
 LIVINGSTON COUNTY

**BRIEF DESCRIPTION**

This project replaces approximately 1,100 L.F. of 6" AC water main with a new 10" PVC water main. The project limits extend from the end of the existing 10" transmission main in the easement near JH O Bryan Dr. and extends to the entrance to Marina Village and Canal Campground. The project will replace a section of 6" AC main which is undersized and nearing the end of it's useful design life with a new 10" PVC main.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW114	\$130,329	Administrative Expenses			\$10,000
Local Funding	159,171	Legal Expenses			4,500
		Land, Easements			9,500
		Eng - Design / Const	11.9%	9.3%	21,500
		Eng - Insp	9.9%	3.5%	8,000
		Eng - Other			5,000
		Construction			214,000
		Contingency			17,000
<b>TOTAL</b>	<b>\$289,500</b>	<b>TOTAL</b>			<b>\$289,500</b>

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES Current Users 1,350 Avg. Bill \$ 31.40 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Livingston	\$	130,329.00	
	Total	\$	130,329.00	
<b>Notes:</b>				
Local Funding		\$	159,171.00	
	Total	\$	289,500.00	

<b>EXECUTIVE SUMMARY</b>		Reviewer	Alex Fisher
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW120
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21141083
GRANTEE	SOUTH LOGAN WATER ASSOCIATION INC LOGAN COUNTY		
BRIEF DESCRIPTION			
The proposed project involves construction of nearly 2 miles of water line to address a few of the small diameter extension and upgrade needs, extend service for 3 unserved customers, and reduce water loss. The project has an estimated cost of \$120,000, and it is expected to take 45 days for completion.			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 21CWW120	\$120,000	RD Fee %	Actual %
		Administrative Expenses	\$500
		Legal Expenses	500
		Eng - Design / Const	14.0% 11.8% 11,500
		Eng - Insp	13.1% 10.3% 10,000
		Construction	85,000
		Contingency	12,500
TOTAL	\$120,000	TOTAL	\$120,000
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	0	\$ - (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	Logan	\$ 120,000.00	
	Total	\$ 120,000.00	
Notes:			



<b>EXECUTIVE SUMMARY</b>		Reviewer	Alex Fisher
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW133
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21151069
GRANTEE	SOUTHERN MADISON WATER DISTRICT MADISON COUNTY		
BRIEF DESCRIPTION			
This project includes the rehabilitation of the existing "Bobtown" elevated water storage tank. The 300,000 gallon tank is aging and needs to be sandblasted & repainted to continue to ensure the quality of the drinking water that is stored in the tank. As part of this project, the Bobtown tank will be sandblasted and repainted on both the exterior and interior.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW133	230,000	Legal Expenses	7,700
		Eng - Design / Const	12.8% 11.9% 19,700
		Eng - Insp	11.3% 10.7% 17,600
		Eng - Other	20,000
		Construction	150,000
		Contingency	15,000
TOTAL	<u>\$230,000</u>	TOTAL	<u>\$230,000</u>
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	<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	\$ 230,000.00	
	Total	\$ 230,000.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Alex Fisher
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW136
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21153039
GRANTEE	SALYERSVILLE WATER WORKS MAGOFFIN COUNTY		
BRIEF DESCRIPTION			
This project will update the SCADA system to replace antiquated controllers that have a high failure rate, to extend flow, pressure and water quality monitoring into the system and replace outdated hardware and software to the system from cyber threats.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW136	80,000	Construction	80,000
TOTAL	\$80,000	TOTAL	\$80,000
PROFESSIONAL SERVICES	Engineer	TBA	
PROJECT SCHEDULE	Bid Opening	February 22, 2022	
	Construction Start	March 22, 2022	
	Construction Stop	April 22, 2022	
RESIDENTIAL RATES	Current	Users	Avg. Bill
		973	\$ 27.03 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Magoffin	\$ 80,000.00	
	Total	\$ 80,000.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Alex Fisher
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW144
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21161046
GRANTEE	WESTERN MASON WATER DISTRICT MASON COUNTY		
BRIEF DESCRIPTION			
<p>The project involves the rehabilitation of four (4) of the District's glass lined storage tanks. The tanks include Highland Heights, Germantown, Minerva and Dover. The District has recently had each tank inspected and the inspections indicate the need for immediate maintenance on two of the tanks. Repairs and maintenance on the tanks include pressure washing, resealing of seams on panels, repair of overflow pipes, removal and installation of new cathodic protection and touch up in necessary areas. Additionally, the project will include the installation of transfer switches and connection lugs at six (6) different sites within the distribution system. This will allow the quick connection of a generator in an emergency situation. The six (6) sites include: well pumps, WTP, Dover tank site, Minerva tank site, Highland Heights tank site, and Germantown tank site.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW144	\$148,914	Administrative Expenses	\$10,000
Local Funding	101,366	Eng - Design / Const	12.3% 11.9% 23,340
		Eng - Insp	10.5% 10.2% 20,140
		Construction	179,000
		Contingency	17,800
TOTAL	\$250,280	TOTAL	\$250,280
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	October 1, 2022	
	Construction Start	November 30, 2022	
	Construction Stop	March 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 1,036	<u>Avg. Bill</u> \$ 57.56 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Mason	\$ 148,914.00	
	Total	\$ 148,914.00	
Notes:			
Local Funding		\$ 101,366.00	
	Total	\$ 250,280.00	

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW182
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21191015
GRANTEE	BUTLER, CITY OF PENDLETON COUNTY		
BRIEF DESCRIPTION			
Project will Install waterline along Peoples Street and Williams Street and relocate the service lines from the existing main to the new proposed lines.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW182	\$133,958	Administrative Expenses	\$0
Other	\$236,042	Land, Easements	2,500
		Planning	5,000
		Eng - Design / Const	11.2% 10.3% 31,000
		Eng - Insp	8.8% 8.3% 25,000
		Eng - Other	5,000
		Construction	273,500
		Contingency	28,000
TOTAL	<u>\$370,000</u>	TOTAL	<u>\$370,000</u>
PROFESSIONAL SERVICES	Engineer	Kentucky Engineering Group	
PROJECT SCHEDULE	Bid Opening	August 25, 2021	
	Construction Start	September 27, 2021	
	Construction Stop	February 11, 2022	
RESIDENTIAL RATES	Current	<u>Users</u> 369	<u>Avg. Bill</u> \$ 38.61 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Pendleton	\$ 133,958.00	
	Total	\$ 133,958.00	
Notes:			

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

Reviewer Sandy Williams  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWW183  
 WRIS Number WX21191009

GRANTEE PENDLETON COUNTY WATER DISTRICT  
 PENDLETON COUNTY

**BRIEF DESCRIPTION**

Extend water service to 5 customers on KY 3149 in north central Pendleton County. Extension to include 4,900 l.f. of 4 inch ductile iron and also include a road bore, a blowoff hydrant and 4 gate valves. Extension to occur in a census tract which is designated by the U.S. Census Bureau as low and moderate income (LMI). Line placement will be in the right of way which has been previously disturbed ground.

PROJECT FINANCING		PROJECT BUDGET			RD Fee %	Actual %
CWP - Water Grant - 21CWW183	\$133,958	Administrative Expenses				\$10,000
Local	232,042	Legal Expenses				5,000
		Land, Easements				4,000
		Eng - Design / Const	11.3%	10.7%		31,000
		Eng - Insp	8.9%	8.6%		25,000
		Construction				265,000
		Contingency				26,000
<b>TOTAL</b>	<b>\$366,000</b>	<b>TOTAL</b>				<b>\$366,000</b>

PROFESSIONAL SERVICES Engineer Haworth, Meyer & Boleyn, Inc.

PROJECT SCHEDULE Bid Opening December 1, 2021  
 Construction Start March 1, 2022  
 Construction Stop June 1, 2022

RESIDENTIAL RATES

	Users	Avg. Bill
Current	2,445	\$ 42.07 (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	Pendleton	\$ 133,959.00
	<b>Total</b>	<b>\$ 133,959.00</b>

Notes:

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW184
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21195049
GRANTEE	ELKHORN CITY, CITY OF PIKE COUNTY		
BRIEF DESCRIPTION			
<p>There is an existing 4-inch water line along West Main Street in Elkhorn City that has tuberculated to the point that it has the capacity of a 2-inch line. This project will construct approximately 1,050 linear feet of new 8-inch line from an existing 8-inch line to an existing 6-inch line in order to properly grid the system and restore hydraulic capacity</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW184	\$57,403	Administrative Expenses	\$10,000
Other	303,597	Legal Expenses	5,897
	-	Land, Easements	10,000
	-	Eng - Design / Const	11.4% 10.9% 30,353
	-	Eng - Insp	9.1% 9.1% 25,350
	-	Construction	254,000
	-	Contingency	25,400
TOTAL	\$361,000	TOTAL	\$361,000
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	January 15, 2022	
	Construction Start	March 15, 2022	
	Construction Stop	September 15, 2022	
RESIDENTIAL RATES	Current	<u>Users</u> 593	<u>Avg. Bill</u> \$ 35.34 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Pike	\$ 57,403.00	
	Total	\$ 57,403.00	
Notes:			

<b>KENTUCKY INFRASTRUCTURE AUTHORITY DRINKING WATER AND WASTEWATER GRANT PROGRAM CLEANER WATER PROGRAM GRANT</b>		CPBOC Date KIA Grant Number WRIS Number	March 15, 2022 21CWW185 WX21195037
GRANTEE	PIKEVILLE, CITY OF PIKE COUNTY		
BRIEF DESCRIPTION			
Design and construct a carbon feeder, backwash system, and high service pump installation to upgrade the existing Water Treatment Plant.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW185	\$451,480	Administrative Expenses	\$2,000
Other	312,520	Legal Expenses	2,000
		Eng - Design / Const	9.6% 9.1% 59,375
		Eng - Insp	6.6% 6.6% 43,020
		Eng - Other	4,480
		Construction	593,750
		Contingency	59,375
TOTAL	<u>\$764,000</u>	TOTAL	<u>\$764,000</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	November 1, 2021	
	Construction Start	February 1, 2022	
	Construction Stop	February 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 4,696	<u>Avg. Bill</u> \$ 24.64 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Pike	\$ 451,480.00	
	Total	\$ 451,480.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW186
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21195044
GRANTEE	MOUNTAIN WATER DISTRICT PIKE COUNTY		
BRIEF DESCRIPTION			
The proposed project consist of the installation of 29,900 linear feet of 6 inch PVC piping, 24,366 linear feet of 4 inch PVC piping and other appurtenances to supply potable drinking water to 125 new residential customer and one (1) newly constructed mining facility. The project will provide an updated and dependable water supply with expanded capacity for the mining operation and the residents of the surrounding community.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW186	\$1,616,674	Administrative Expenses	\$45,000
Other	708,826	Eng - Design / Const	7.6% 6.6% 134,000
Other		Eng - Insp	4.6% 4.4% 90,500
		Construction	1,855,500
		Contingency	185,500
		Other	15,000
TOTAL	\$2,325,500	TOTAL	\$2,325,500
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	January 1, 2022	
	Construction Start	February 1, 2022	
	Construction Stop	March 1, 2023	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	16,310	\$ 40.87 (for 4,000 gallons)
	Additional	126	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Pike	\$ 1,616,674.00	
	Total	\$ 1,616,674.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW187
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21199048
GRANTEE	BURNSIDE, CITY OF PULASKI COUNTY		
BRIEF DESCRIPTION			
<p>This project will bring the Burnside distribution system back into compliance with the 24 hours of storage as required by the DOW. By adding a second tank to the distribution system, this project will also provide the City with the option of taking one of the tanks out of service for inspection, maintenance or emergency without losing all of the system storage capacity.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW187	\$611,000	Administrative Expenses	\$0
		Construction	611,000
TOTAL	\$611,000	TOTAL	\$611,000
PROFESSIONAL SERVICES	Engineer	Haworth, Meyer & Boleyn, Inc.	
PROJECT SCHEDULE	Bid Opening	July 1, 2021	
	Construction Start	September 1, 2021	
	Construction Stop	May 1, 2022	
RESIDENTIAL RATES	Current	<u>Users</u> 646	<u>Avg. Bill</u> \$ 53.58 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Pulaski	\$ 611,000.00	
	Total	\$ 611,000.00	
Notes:			



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

Reviewer Sandy Williams  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWW189  
 WRIS Number WX21199145

GRANTEE SCIENCE HILL, CITY OF  
 PULASKI COUNTY

**BRIEF DESCRIPTION**

This project proposes to construct a 270 gallon per minute (gpm) booster pump station (BPS) at the site of the existing Stanford Street storage tank. This BPS will work to boost pressure and flows to allow the Stringtown Road storage tank to properly fill and maintain a consistent fill/drain cycle.

PROJECT FINANCING		PROJECT BUDGET			RD Fee %	Actual %
CWP - Water Grant - 21CWW189	\$458,000	Administrative Expenses				\$15,000
		Legal Expenses				1,000
		Planning				12,000
		Eng - Design / Const	10.9%	10.5%		38,000
		Eng - Insp	8.3%	8.0%		29,000
		Construction				330,000
		Contingency				33,000
<b>TOTAL</b>	<b>\$458,000</b>	<b>TOTAL</b>				<b>\$458,000</b>

PROFESSIONAL SERVICES Engineer Bell Engineering

PROJECT SCHEDULE Bid Opening November 15, 2021  
 Construction Start December 15, 2021  
 Construction Stop June 15, 2022

RESIDENTIAL RATES Current Users 2,042 \$ Avg. Bill 14.00 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Pulaski	\$	458,000.00	
		Total	\$	458,000.00

Notes:

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer	Sandy Williams
	CPBOC Date	March 15, 2022
	KIA Grant Number	21CWW190
	WRIS Number	WX21199002

GRANTEE	SOMERSET, CITY OF PULASKI COUNTY
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**BRIEF DESCRIPTION**

The City of Somerset Oak Hill Storage Tank Replacement, 5 MG Booster Station, and Water Main Extension Project includes replacement of an existing one million gallon storage tank with a new tank of the same storage capacity. The project also includes replacing an existing booster pump station with a new 5 million gallon per day (MGD) booster pump station with SCADA, installing the necessary new 16 inch and 20 inch water lines to complete tie-in of the proposed tank and 5 MGD booster station, adding VFD's at the water treatment plant high service building, and replacing an aged six (6) inch water main near the Lake Cumberland Regional Hospital to balance pressure in the system. The KY Pipe Model estimates that this project will serve approximately 80% of Pulaski County. The Valley Oak Industrial Park Water System Improvements project will allow the City of Somerset to meet increased water demands and fire protection at the Valley Oak Industrial Park and also improve water quality to the Industrial Park and Southeastern Water Association. The project includes construction of one 1,000 gallon per minute water booster pumping station to allow filling of the existing Sugar Hill Water Storage Tank, and reconfiguring piping that feeds the Sugar Hill Water Storage Tank to improve water availability and quality to the Valley Oak Industrial Park and Southeastern Water Association.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW190	\$285,606	Administrative Expenses			\$90,000
KIA Loan F20-019	7,027,878	Legal Expenses			5,000
Other	2,196,516	Land, Easements			30,000
		Planning			75,000
		Eng - Design / Const	6.4%	5.3%	450,000
		Eng - Insp	3.1%	2.6%	220,000
		Eng - Other			93,000
		Construction			8,027,000
		Contingency			520,000
<b>TOTAL</b>	<b>\$9,510,000</b>	<b>TOTAL</b>			<b>\$9,510,000</b>

PROFESSIONAL SERVICES	Engineer	Bell Engineering
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PROJECT SCHEDULE	Bid Opening	July 7, 2021
	Construction Start	October 7, 2021
	Construction Stop	October 7, 2022

RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	9,252	\$ 9.01 (for 4,000 gallons)

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

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Pulaski	\$ 285,606.00
	Total	\$ 285,606.00

Notes:



<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW192
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21199138
GRANTEE	WESTERN PULASKI COUNTY WATER DISTRICT PULASKI COUNTY		
BRIEF DESCRIPTION			
Project consists of approximately 47,000 LF of 12-inch PVC water transmission main along Kentucky Highway 80 from the Fishing Creek Bridge/Lee's Ford Pump Station to the intersection of Kentucky Highway 80 and Kentucky Highway 196 in Nancy, then along Kentucky Highway 196 to the Faubush area.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW192	\$285,605	Administrative Expenses	\$7,500
Loan	4,464,395	Legal Expenses	7,500
		Eng - Design / Const	6.9% 6.3% 270,000
		Eng - Insp	3.6% 3.4% 146,000
		Eng - Other	26,000
		Construction	3,902,600
		Contingency	390,400
TOTAL	<u>\$4,750,000</u>	TOTAL	<u>\$4,750,000</u>
PROFESSIONAL SERVICES	Engineer	Monarch Engineering, Incorporated	
PROJECT SCHEDULE	Bid Opening	November 1, 2022	
	Construction Start	December 1, 2022	
	Construction Stop	July 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 9,027	<u>Avg. Bill</u> \$ 31.11 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Pulaski	\$ 285,605.00	
	Total	\$ 285,605.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW193
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21201017
GRANTEE	MOUNT OLIVET, CITY OF ROBERTSON COUNTY		
BRIEF DESCRIPTION			
This project would allow the City of Mount Olivet to purchase and install a Telemetry/Scada for the Mount Olivet Water Tower.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW193	\$25,421	Administrative Expenses	\$1,000
		Equipment	24,421
TOTAL	\$25,421	TOTAL	\$25,421
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	May 1, 2022	
	Construction Start	June 1, 2022	
	Construction Stop	December 30, 2022	
RESIDENTIAL RATES	Current	<u>Users</u> 262	<u>Avg. Bill</u> \$ 44.00 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Robertson	\$ 25,421.00	
	Total	\$ 25,421.00	
Notes:			

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer CPBOC Date KIA Grant Number WRIS Number	Sandy Williams March 15, 2022 21CWW194 WX21205057
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GRANTEE	MOREHEAD UTILITY PLANT BOARD ROWAN COUNTY
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**BRIEF DESCRIPTION**

The proposed project will ensure compliance with EPA's Lead and Copper Rule by removing portions of the MUPB's distribution system that contain lead parts and materials that could be sources of lead contamination. During normal maintenance activities MUPB's staff have encountered lead and have documented these areas to be removed in future Capital Improvement Projects. The lead belled water mains are located within the City of Morehead on areas of the distribution system that have not been upgraded in the past. These water mains date back to the 1930s. This phase of the Lead Removal Program will replace approximately 6,000 linear feet of water main ranging in sizes from 4-inch to 6-inch and approximately 100 service connections.

PROJECT FINANCING		PROJECT BUDGET			RD Fee %	Actual %
CWP - Water Grant - 21CWW194	\$406,319	Administrative Expenses				\$40,000
Other	\$447,381	Land, Easements				6,000
		Planning				5,000
		Eng - Design / Const	9.4%	8.7%		61,200
		Eng - Insp	6.4%	5.9%		41,200
		Construction				650,000
		Contingency				50,300
<b>TOTAL</b>	<b>\$853,700</b>	<b>TOTAL</b>				<b>\$853,700</b>

PROFESSIONAL SERVICES	Engineer	TBD
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PROJECT SCHEDULE	Bid Opening	February 1, 2022
	Construction Start	May 1, 2022
	Construction Stop	December 31, 2022

RESIDENTIAL RATES	Current	<u>Users</u>	\$	<u>Avg. Bill</u>	(for 4,000 gallons)
		3,498		43.29	

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Rowan	\$ 406,319.00
	Total	\$ 406,319.00

Notes:



<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW196
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21205055
GRANTEE	ROWAN COUNTY FISCAL COURT ROWAN COUNTY		
BRIEF DESCRIPTION			
<p>The project would involve the installation of a permanent emergency generator and automatic transfer switch at Rowan Water's main administrative office. The proposed emergency generator will allow for the administration office to remain operational and continue to provide the necessary services to Rowan Water's nearly 7,350 customers. The new generator will also allow for the office to serve as an emergency communication center during the power outage in the local area.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW196	\$150,000	Administrative Expenses	\$0
		Equipment	150,000
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> 7,386	<u>Avg. Bill</u> \$ 35.76 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Rowan	\$ 150,000.00	
	Total	\$ 150,000.00	
Notes:			

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

Reviewer Sandy Williams  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWW197  
 WRIS Number WX21207028

GRANTEE JAMESTOWN, CITY OF  
 RUSSELL COUNTY

**BRIEF DESCRIPTION**

This project will consist of the construction of one new 300,000 gallon elevated water storage tank along KY 55 in Russell County. The City currently serves this area with two separate tanks, Clifty Creek Tank and Maynard Tank, that are have been in service since the 1980's. The new elevated tank would replace these two existing tanks in the system.

PROJECT FINANCING		PROJECT BUDGET			RD Fee %	Actual %
CWP - Water Grant - 21CWW197	\$329,120	Administrative Expenses				\$50,000
Loan	780,880	Legal Expenses				18,000
		Land, Easements				10,000
		Planning				37,000
		Eng - Design / Const	9.1%	8.4%		73,000
		Eng - Insp	5.9%	5.5%		47,800
	-	Construction				792,000
	-	Contingency				82,200
<b>TOTAL</b>	<b>\$1,110,000</b>	<b>TOTAL</b>				<b>\$1,110,000</b>

PROFESSIONAL SERVICES Engineer Kenvirons, Inc.

PROJECT SCHEDULE  
 Bid Opening November 1, 2021  
 Construction Start March 1, 2022  
 Construction Stop June 15, 2022

RESIDENTIAL RATES  
 Current Users 3,750 Avg. Bill \$ 25.00 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Russell	\$ 329,120.00
	Total	\$ 329,120.00

Notes:

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

Reviewer Sandy Williams  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWW198  
 WRIS Number WX21207032

GRANTEE RUSSELL SPRINGS, CITY OF  
 RUSSELL COUNTY

**BRIEF DESCRIPTION**

This project will consist of a new pump station, solenoid station, and telemetry. The pump station and telemetry will be used fill and turn the water over more frequently in the existing Salem Tank. The new solenoid station will replace an existing station in the Eli area.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW198	\$329,121	Administrative Expenses			\$5,000
Loan	144,879	Legal Expenses			5,000
	-	Land, Easements			20,000
	-	Eng - Design / Const	10.8%	10.0%	37,800
	-	Eng - Insp	8.2%	7.7%	29,000
	-	Construction			342,600
	-	Contingency			34,600
<b>TOTAL</b>	<b>\$474,000</b>	<b>TOTAL</b>			<b>\$474,000</b>

PROFESSIONAL SERVICES Engineer TBD

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

RESIDENTIAL RATES  
 Current Users 4,698 Avg. Bill \$ 25.56 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Russell	\$ 329,121.00
	Total	\$ 329,121.00

Notes:

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer	Sandy Williams
	CPBOC Date	March 15, 2022
	KIA Grant Number	21CWW199
	WRIS Number	WX21209009

GRANTEE	GEORGETOWN, CITY OF SCOTT COUNTY
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**BRIEF DESCRIPTION**

The City of Georgetown (via Georgetown Municipal Water and Sewer service) is trying to strengthen their water distribution system, especially on the northwest side of town. The proposed project includes approximately 12,600 LF of 8" PVC water main and 5,150 LF of 10" PVC water main to be installed from the southern end of Long Lick Pike (KY32) heading northwest along the new Northwest bypass, McClelland Circle (KY 1143) to an existing water main at the end of Walnut Creek Drive. This project also includes a new water booster pump station to replace the existing Lloyd Rd booster pump station. This project also enhances fire protection service to the new Scott County High School.

PROJECT FINANCING		PROJECT BUDGET			RD Fee %	Actual %
CWP - Water Grant - 21CWW199	\$2,093,531	Administrative Expenses				\$0
Local	\$281,469	Land, Easements				25,000
		Eng - Design / Const	7.6%	6.9%		146,000
		Eng - Insp	4.5%	4.2%		89,000
		Construction				1,925,000
		Contingency				190,000
<b>TOTAL</b>	<b>\$2,375,000</b>	<b>TOTAL</b>				<b>\$2,375,000</b>

PROFESSIONAL SERVICES	Engineer	CDM Smith Inc.
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PROJECT SCHEDULE	Bid Opening	February 15, 2022
	Construction Start	March 1, 2022
	Construction Stop	November 30, 2022

RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	14,630	\$ 24.59 (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	Scott	\$ 2,093,531.00
	<b>Total</b>	<b>\$ 2,093,531.00</b>

Notes:

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW200
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21217030
GRANTEE	CAMPBELLSVILLE, CITY OF TAYLOR COUNTY		
BRIEF DESCRIPTION			
The WTP Improvements will consist of the replacement of the existing filter media & underdrain system on eight (8) of the existing filters, replacement of tube settlers and bracket system on Sedimentation No. 5, along with new flocculator motors.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW200	\$804,197	Administrative Expenses	\$10,000
Loan	395,803	Legal Expenses	10,000
		Eng - Design / Const	8.9% 8.8% 88,000
		Eng - Insp	7.6% 7.6% 76,000
	-	Eng - Other	20,000
	-	Construction	904,000
	-	Contingency	92,000
TOTAL	\$1,200,000	TOTAL	\$1,200,000
PROFESSIONAL SERVICES	Engineer	Monarch Engineering, Incorporated	
PROJECT SCHEDULE	Bid Opening	June 1, 2022	
	Construction Start	August 1, 2022	
	Construction Stop	February 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 12,414	<u>Avg. Bill</u> \$ 20.52 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Taylor	\$ 804,197.00	
	Total	\$ 804,197.00	
Notes:			

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer	Sandy Williams
	CPBOC Date	March 15, 2022
	KIA Grant Number	21CWW201
	WRIS Number	WX21217031

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

The proposed work includes a full scale rehabilitation of the District's existing Sandy Y Water Storage Tank located in the Badger community of Taylor County. The rehabilitation will include various structural and other repairs, piping modifications, safety improvements, along with the complete removal and replacement of all interior coatings and spot repairs and overcoat on the tank exterior. The piping 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 - 21CWW201	\$142,196	Administrative Expenses			\$3,500
Local	129,804	Legal Expenses			1,500
		Eng - Design / Const	12.0%	10.9%	24,000
		Eng - Insp	10.1%	9.5%	21,000
	-	Eng - Other			2,000
	-	Construction			200,000
	-	Contingency			20,000
<b>TOTAL</b>	<b>\$272,000</b>	<b>TOTAL</b>			<b>\$272,000</b>

PROFESSIONAL SERVICES	Engineer	Monarch Engineering, Incorporated
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PROJECT SCHEDULE	Bid Opening	March 1, 2022
	Construction Start	June 1, 2022
	Construction Stop	August 1, 2022

RESIDENTIAL RATES	Current	<u>Users</u>	\$	<u>Avg. Bill</u>	(for 4,000 gallons)
		5,258		41.53	

REGIONAL COORDINATION      This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Taylor	\$ 142,196.00
	Total	\$ 142,196.00

Notes:

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW202
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21219024
GRANTEE	ELKTON, CITY OF TODD COUNTY		
BRIEF DESCRIPTION			
This project will make improvements to the Morningside Drive Tank by adding circulation tubes and painting both the interior and exterior of the tank.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW202	\$146,193	Administrative Expenses	\$5,000
Local	23,807	Legal Expenses	-
	-	Construction	155,000
	-	Contingency	10,000
TOTAL	<u>\$170,000</u>	TOTAL	<u>\$170,000</u>
PROFESSIONAL SERVICES	Engineer	McGhee Engineering, Inc.	
PROJECT SCHEDULE	Bid Opening	TBD	
	Construction Start	TBD	
	Construction Stop	TBD	
RESIDENTIAL RATES	Current	<u>Users</u> 902	<u>Avg. Bill</u> \$ 37.00 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Todd	\$ 146,193.00	
	Total	\$ 146,193.00	
Notes:			

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

Reviewer Sandy Williams  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWW203  
 WRIS Number WX21219029

GRANTEE GUTHRIE, CITY OF  
 TODD COUNTY

**BRIEF DESCRIPTION**

This project will purchase and install 1 emergency standby generator to prevent water outages throughout the utilities distribution system.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW203	\$146,193	Administrative Expenses			\$1,000
Other	170	Legal Expenses			-
		Construction			145,363
<b>TOTAL</b>	<u>\$146,363</u>	<b>TOTAL</b>			<u>\$146,363</u>

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening TBD  
 Construction Start TBD  
 Construction Stop TBD

RESIDENTIAL RATES Current Users 735 Avg. Bill \$ 41.40 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Todd	\$	146,193.00	
		Total	\$	146,193.00

Notes:

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW204
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21219045
GRANTEE	TODD COUNTY WATER DISTRICT TODD COUNTY		
BRIEF DESCRIPTION			
The proposed project includes installing 6 master meter vaults in various remote areas of the water district (sites to be determined). The master meters will have cellular endpoint capability to provide readings multiple times each day to assist with the quick identification of problems via flow and pressure data.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW204	\$12,421	Administrative Expenses	\$15,000
Local	232,579	Eng - Design / Const	12.2% 10.0% 20,000
	-	Eng - Insp	10.4% 5.0% 10,000
	-	Construction	180,000
	-	Contingency	20,000
TOTAL	<u>\$245,000</u>	TOTAL	<u>\$245,000</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	September 1, 2021	
	Construction Start	October 1, 2021	
	Construction Stop	December 1, 2021	
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	Todd	\$ 12,421.00	
	Total	\$ 12,421.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW205
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21221017
GRANTEE	BARKLEY LAKE WATER DISTRICT TRIGG COUNTY		
BRIEF DESCRIPTION			
This project will replace a section of waterline in the Rockcastle Area.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW205	\$376,651	Administrative Expenses	\$50,000
Loan	3,301,791	Planning	10,000
		Eng - Design / Const	7.1% 5.9% 194,203
		Eng - Insp	3.9% 3.6% 119,680
		Eng - Other	21,578
		Construction	2,984,528
		Contingency	298,453
TOTAL	<u>\$3,678,442</u>	TOTAL	<u>\$3,678,442</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	November 1, 2022	
	Construction Start	December 1, 2022	
	Construction Stop	June 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 5,508	<u>Avg. Bill</u> \$ 34.39 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Trigg	\$ 376,651.00	
	Total	\$ 376,651.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW206
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21223039
GRANTEE	TRIMBLE COUNTY FISCAL COURT TRIMBLE COUNTY		
BRIEF DESCRIPTION			
This is a waterline extension project to bring potable drinking water to 5 unserved residences in Trimble County. West Carroll Water District will run a 3 inch SDR 21 Watermain extension approximately 2,450 linear feet (LF) to serve 5 unserved homes at the end of Hardy Creek Road in Trimble County. West Carroll Water District's waterline currently ends at 737 Hardy Creek Road and this project will finalize the extension of waterline providing water to all remaining unserved residences along Hardy Creek Road.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW206	\$6,106	Administrative Expenses	\$2,500
Other	28,856	Construction	20,428
		Equipment	3,090
		Other	8,944
TOTAL	<u>\$34,962</u>	TOTAL	<u>\$34,962</u>
PROFESSIONAL SERVICES	Engineer	Carrollton Utilities	
PROJECT SCHEDULE	Bid Opening	August 15, 2021	
	Construction Start	October 15, 2021	
	Construction Stop	December 15, 2021	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	207	\$ 53.32 (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	Trimble	\$ 6,106.00	
	Total	\$ 6,106.00	
Notes:			

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW207
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21225040
GRANTEE	MORGANFIELD, CITY OF UNION COUNTY		
BRIEF DESCRIPTION			
This project will purchase and install approximately 2,000 radio read water meters			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW207	\$132,040	Administrative Expenses	\$0
Local	292,960	Equipment	425,000
TOTAL	<u>\$425,000</u>	TOTAL	<u>\$425,000</u>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	April 1, 2016	
	Construction Start	May 15, 2016	
	Construction Stop	January 0, 1900	
RESIDENTIAL RATES	Current	<u>Users</u> 1,913	<u>Avg. Bill</u> \$ 21.49 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Union	\$ 132,040.00	
	Total	\$ 132,040.00	
Notes:			



<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW209
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21225052
GRANTEE	UNIONTOWN, CITY OF UNION COUNTY		
BRIEF DESCRIPTION			
The current Main Street Waterline in Uniontown, KY is still cast iron and experiencing water leaks throughout the seasons. With 5 water leaks in 2020 alone, the City of Uniontown is needing to replace approximately 1,200 LF of cast-iron pipe with 6-inch PVC. This replacement project will correct the problem that presents across four blocks directly in front of Uniontown City Hall.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW209	\$132,039	Administrative Expenses	\$9,828
Local	138,721	Eng - Design / Const	12.0% 11.1% 24,100
		Eng - Insp	10.1% 9.5% 20,620
		Construction	196,556
		Contingency	19,656
TOTAL	\$270,760	TOTAL	\$270,760
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	October 1, 2021	
	Construction Start	November 1, 2021	
	Construction Stop	March 2, 2022	
RESIDENTIAL RATES	Current	<u>Users</u> 538	<u>Avg. Bill</u> \$ 18.10 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Union	\$ 132,039.00	
	Total	\$ 132,039.00	
Notes:			

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

Reviewer Sandy Williams  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWW210  
 WRIS Number WX21227091

GRANTEE BOWLING GREEN MUNICIPAL UTILITIES  
 WARREN COUNTY

**BRIEF DESCRIPTION**

As part of the revised lead and copper rule, all public and private service lines must have materials of construction identified. This project will identify materials for each service line and confirm or rule out locations of galvanized lead and copper lines throughout BGMU's system. This will involve excavation of up to 10,000 locations on each side of the customer meter boxes to identify service line materials.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW210	\$1,990,000	Other			1,990,000
<b>TOTAL</b>	<b>\$1,990,000</b>	<b>TOTAL</b>			<b>\$1,990,000</b>

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE Bid Opening September 1, 2021  
 Construction Start October 1, 2021  
 Construction Stop April 1, 2023

RESIDENTIAL RATES Current Users 19,572 Avg. Bill \$ 24.26 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

Allocation Source	Allocated County	Allocated Amount		
County Allocation Pool	Warren	\$ 1,990,000.00		
	Total	\$ 1,990,000.00		

Notes:

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW211
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21227092
GRANTEE	BOWLING GREEN MUNICIPAL UTILITIES WARREN COUNTY		
BRIEF DESCRIPTION			
Replace old, deteriorated meter yoke sets with new equipment – disconnecting and removing galvanized service lines, and lead goose necks, if present, and install new HDPE service lines and modern / conventional meter sets. Remove any small diameter (2" and 4" diameter) galvanized water lines that parallel existing mains and reconnect services to the existing iron or PVC water main.			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW211	\$450,372	Administrative Expenses	\$0
Other	1,299,628	Construction	1,750,000
<b>TOTAL</b>	<b>\$1,750,000</b>	<b>TOTAL</b>	<b>\$1,750,000</b>
PROFESSIONAL SERVICES	Engineer	TBD	
PROJECT SCHEDULE	Bid Opening	August 1, 2021	
	Construction Start	October 1, 2021	
	Construction Stop	September 30, 2021	
RESIDENTIAL RATES	Current	<u>Users</u> 19,572	<u>Avg. Bill</u> \$ 24.26 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Warren	\$ 450,372.00	
	Total	\$ 450,372.00	
Notes:			

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

Reviewer Sandy Williams  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWW212  
 WRIS Number WX21227090

GRANTEE WARREN COUNTY WATER DISTRICT  
 WARREN COUNTY

**BRIEF DESCRIPTION**

This project consists of 5,500' of 12" water line to serve a growing area of the county. These facilities will be owned and operated by WCWD.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW212	\$360,372	Administrative Expenses			\$5,000
Other	416,128	Legal Expenses			10,000
		Eng - Design / Const	9.4%	3.5%	25,000
		Eng - Insp	6.3%	2.8%	20,000
	-	Eng - Other			1,000
	-	Construction			650,500
	-	Contingency			65,000
<b>TOTAL</b>	<b>\$776,500</b>	<b>TOTAL</b>			<b>\$776,500</b>

PROFESSIONAL SERVICES Engineer TBD

PROJECT SCHEDULE  
 Bid Opening January 31, 2022  
 Construction Start April 1, 2022  
 Construction Stop December 30, 2022

RESIDENTIAL RATES  
 Current Users 30,143 Avg. Bill \$ 20.86 (for 4,000 gallons)

REGIONAL COORDINATION This project is consistent with regional planning recommendations.

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

Notes:





<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW215
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21231018
GRANTEE	MONTICELLO, CITY OF WAYNE COUNTY		
BRIEF DESCRIPTION			
<p>This project proposes a new Powersburg triplex booster pump station with a capacity of 700 gallons per minute (gpm) to satisfy demands in two (2) separate pressure zones, replacement of the Wray Hill BPS with a new above ground tilt-up lid style BPS with pumps capable of delivering 80 gpm, and replacement of the Wray Hill Tank with a new 30,000 gallon capacity ground storage tank.</p> <p>Approximately 7,800 LF of existing 6-inch ductile iron water line at Strawberry Hill is also proposed to be replaced with 6-inch PVC water line; approximately 14,500 LF of existing 4-inch water main in the Cumberland Ridge area is proposed to be replaced with a new 6-inch water main; approximately 1,900 LF of existing 4-inch line is proposed for replacement on Elk Street with a new 6-inch PVC water line.</p> <p>An existing dead end 4-inch cast iron water line is proposed to be replaced with a new 6-inch ductile iron line running approximately 4,000 LF along Main Street and creating a looped connection.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW215	\$746,751	Administrative Expenses	\$75,000
Loan	2,340,249	Legal Expenses	25,000
		Land, Easements	25,000
		Planning	125,000
		Eng - Design / Const	7.4% 6.9% 171,000
		Eng - Insp	4.3% 4.1% 101,000
		Eng - Other	90,000
		Construction	2,250,000
		Contingency	225,000
TOTAL	<u>\$3,087,000</u>	TOTAL	<u>\$3,087,000</u>
PROFESSIONAL SERVICES	Engineer	Bell Engineering	
PROJECT SCHEDULE	Bid Opening	January 1, 2022	
	Construction Start	February 1, 2022	
	Construction Stop	February 1, 2023	
RESIDENTIAL RATES	Current	<u>Users</u> 8,364	<u>Avg. Bill</u> \$ 23.78 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Wayne	\$ 746,751.00	
	Total	\$ 746,751.00	
Notes:			



<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW218
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21235009
GRANTEE	WHITLEY COUNTY WATER DISTRICT WHITLEY COUNTY		
BRIEF DESCRIPTION			
<p>The project will replace old deteriorated often undersized lines in 11 areas of the existing distribution system, extend water service to four unserved areas, extend a transmission main from the City of Williamsburg system to the District's existing distribution system along KY 92 West and install a pressure reducing valve station to reduce the pressures along KY 26 and side roads from Rockholds to Williamsburg. The project will include the installation of approximately 800 LF of 8-inch, 27,640 LF of 6-inch, 54,900 LF of 4-inch and 12,340 LF of 3-inch water line, one booster pump station, one master meter, one pressure reducing valve station and appurtenances such as gate valves, meters, service tubing, etc.</p>			
PROJECT FINANCING		PROJECT BUDGET	RD Fee % Actual %
CWP - Water Grant - 21CWW218	\$332,958	Administrative Expenses	\$20,000
Loan	3,459,042	Legal Expenses	20,000
	-	Land, Easements	20,000
		Planning	20,000
		Eng - Design / Const	7.1% 6.6% 219,500
		Eng - Insp	3.9% 3.6% 121,500
	-	Eng - Other	20,000
	-	Construction	3,046,230
	-	Contingency	304,770
<b>TOTAL</b>	<b>\$3,792,000</b>	<b>TOTAL</b>	<b>\$3,792,000</b>
PROFESSIONAL SERVICES	Engineer	Kenvirons, Inc.	
PROJECT SCHEDULE	Bid Opening	March 1, 2022	
	Construction Start	April 1, 2022	
	Construction Stop	August 1, 2023	
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>
	Current	3,565	\$ 40.42 (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	Whitley	\$ 332,958.00	
	Total	\$ 332,958.00	
Notes:			

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

Reviewer Sandy Williams  
 CPBOC Date March 15, 2022  
 KIA Grant Number 21CWW219  
 WRIS Number WX21239036

GRANTEE MIDWAY, CITY OF  
 WOODFORD COUNTY

**BRIEF DESCRIPTION**

Midway Industrial Park Tank to be maintained. The existing coating system will be removed with abrasives and then refinished using an Epoxy / Urethane solution. The float level indicator shall be repaired as well.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW219	\$60,459	Administrative Expenses			\$9,450
Other	481,791	Planning			4,725
	-	Eng - Design / Const	10.3%	6.7%	33,075
	-	Construction			450,000
	-	Contingency			45,000
<b>TOTAL</b>	<b>\$542,250</b>	<b>TOTAL</b>			<b>\$542,250</b>

PROFESSIONAL SERVICES Engineer Haworth, Meyer & Boleyn, Inc.

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	Woodford	\$	60,459.00	
	Total	\$	60,459.00	

Notes:

<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b> <b>CLEANER WATER PROGRAM GRANT</b>	Reviewer	Sandy Williams
	CPBOC Date	March 15, 2022
	KIA Grant Number	21CWW220
	WRIS Number	WX21239034

GRANTEE	VERSAILLES, CITY OF WOODFORD COUNTY
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**BRIEF DESCRIPTION**

The City of Versailles is improving their water distribution system by eliminating dead end water mains and increasing water turnover to eliminate flushing of the lines. The proposed project includes approximately 6,875 LF of 8" water main and approximately 900 LF of 6" water main to be installed along the Versailles Bypass (U.S. 60) from Lexington Street to the High School. These improvements will provide access to more reliable flow and properly sustain residual pressures within the area and enhance the service to approximately 125 underserved households.

PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
CWP - Water Grant - 21CWW220	\$595,458	Administrative Expenses			\$20,000
Loan	746,542	Legal Expenses			10,000
		Land, Easements			15,000
		Eng - Design / Const	8.7%	8.5%	94,000
		Eng - Insp	5.5%	5.4%	59,000
		Eng - Other			44,000
		Construction			1,000,000
		Contingency			100,000
<b>TOTAL</b>	<b>\$1,342,000</b>	<b>TOTAL</b>			<b>\$1,342,000</b>

PROFESSIONAL SERVICES	Engineer	GRW Engineers, Inc.
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PROJECT SCHEDULE	Bid Opening	April 1, 2022
	Construction Start	May 1, 2022
	Construction Stop	December 30, 2022

RESIDENTIAL RATES	Current	<u>Users</u>	<u>Avg. Bill</u>
		6,737	\$ 23.25 (for 4,000 gallons)

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

Allocation Source	Allocated County	Allocated Amount
County Allocation Pool	Woodford	\$ 595,458.00
	Total	\$ 595,458.00

Notes:

<b>EXECUTIVE SUMMARY</b>		Reviewer	Sandy Williams
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		CPBOC Date	March 15, 2022
<b>DRINKING WATER AND WASTEWATER GRANT PROGRAM</b>		KIA Grant Number	21CWW221
<b>CLEANER WATER PROGRAM GRANT</b>		WRIS Number	WX21239037
GRANTEE	NORTHEAST WOODFORD COUNTY WATER DISTRICT WOODFORD COUNTY		
BRIEF DESCRIPTION			
The project consists of repainting a 100,000 gallon elevated water storage tank. The fencing around the tank will also be replaced in this renovation.			
PROJECT FINANCING		PROJECT BUDGET	
CWP - Water Grant - 21CWW221	\$100,459	RD Fee %	Actual %
Loan	117,541	Administrative Expenses	\$2,000
		Eng - Design / Const	12.2% 7.6% 15,000
		Eng - Insp	10.4% 1.5% 3,000
	-	Eng - Other	-
	-	Construction	180,000
	-	Equipment	-
		Other	-
TOTAL	\$218,000	TOTAL	\$218,000
PROFESSIONAL SERVICES	Engineer	Warner A. Broughman	
PROJECT SCHEDULE	Bid Opening	March 1, 2022	
	Construction Start	April 1, 2022	
	Construction Stop	December 1, 2022	
RESIDENTIAL RATES	Current	<u>Users</u> 1,034	<u>Avg. Bill</u> \$ 21.86 (for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.		
Allocation Source	Allocated County	Allocated Amount	
County Allocation Pool	Woodford	\$ 100,459.00	
	Total	\$ 100,459.00	
Notes:			