



Board Meeting Booklet
for
March 7th, 2019

Kentucky Infrastructure Authority
1024 Capital Center Drive, Suite 340
Frankfort, Kentucky 40601-3646
502-573-0260
502-573-0157 fax
<http://kia.ky.gov>



Page Left Blank
for 2 Sided Printing

AGENDA

**KENTUCKY INFRASTRUCTURE AUTHORITY
FULL BOARD MEETING
1024 CAPITAL CENTER DRIVE, SUITE 340
March 7, 2019, 1:00 P.M.**

Call to Order:

Chair Sandra Dunahoo

- Confirmation of Press Notice
- Confirmation of Quorum
- Recognition of Members/Guests

I. BUSINESS (Board Action Required)

A. Minutes

1. Consideration of Approval of the **Minutes** of the **Kentucky Infrastructure Authority Regular Board Meeting of February 7, 2019**
(Attachment I.A.1.)

Chair Sandra K. Dunahoo

6

B. New Projects / Action Items

1. Resolution and Order of the Board of Directors for Approval of a **Fund A loan (A19-032)** in the amount of **\$3,650,000** to the **City of Morehead, Rowan County, Kentucky (SX21205037)**
(Attachment I.B.1.)
2. Resolution and Order of the Board of Directors for Approval of a **Fund loan (A19-048)** in the amount of **\$388,400** to the **Lincoln County Sanitation District, Lincoln County, Kentucky (SX21137023)**
(Attachment I.B.2.)
3. Resolution and Order of the Board of Directors for Approval of a **Fund F loan (F19-002)** in the amount of **\$6,554,200 (P&D-\$1,297,200 & Construction \$5,257,200)** to the **City of Morehead, Rowan County, Kentucky (WX21205048)**
(Attachment I.B.3.)
4. Resolution and Order of the Board of Directors Authorizing and Approving the Issuance of Obligations of the Kentucky Infrastructure Authority to **Reimburse Capital Expenditures** made by Governmental Agencies Pursuant to Loans made by the Kentucky Infrastructure Authority to such Governmental Agencies
(Attachment I.B.4.)

Mr. Jory Becker, DOW
Ms. Ashley Adams, KIA

13

Mr. Jory Becker, DOW
Ms. Ashley Adams, KIA

27

Mr. Jory Becker, DOW
Ms. Ashley Adams, KIA

41

Ms. Ashley Adams, KIA

57

II. EXECUTIVE DIRECTOR'S REPORT

Ms. Donna McNeil, KIA

III. ANNOUNCEMENTS/NOTIFICATIONS

Next KIA Board Meeting:
Thursday, April 4, 2019, 1:00 p.m.
Kentucky Infrastructure Authority
1024 Capital Center Drive, Suite 340, Frankfort

IV. ADJOURN

Chair Sandra Dunahoo

Page Left Blank
for 2 Sided Printing

**A
T
T
A
C
H
M
E
N
T**

I.A.1.

KENTUCKY INFRASTRUCTURE AUTHORITY
Minutes of the Full Board

Meeting Date/Location: February 7, 2019 – 1:00 p.m.
Kentucky Infrastructure Authority
1024 Capital Center Drive, Suite 340, Frankfort

Members present:

Ms. Mark Bunning, (proxy for Secretary William Landrum), Finance and Administration Cabinet
Mr. Claude Christensen, representing Kentucky League of Cities
Mr. Bobby Aldridge (proxy for Secretary Terry Gill), Cabinet for Economic Development
Ms. Gwen Pinson, Executive Director, Public Service Commission
Mr. Bruce Scott, (proxy for Secretary Charles Snively), Energy and Environment Cabinet
Mr. C. Ronald Lovan, representing the American Water Works Association
Mr. Robert A. Amato, representing Kentucky Municipal Utilities Association
Mr. Paul Lashbrooke, representing the Kentucky Rural Water Association

Members absent:

Commissioner Sandra K. Dunahoo, Department for Local Government)
Mr. David A. Voegle, representing Kentucky Association of Counties

DLG Staff:

Ms. Suzanne Molley, Staff Attorney

KIA Staff:

Ms. Donna McNeil, Executive Director
Ms. Linda Bridwell, Deputy Executive Director
Mr. Jeff Abshire, Fiscal Officer and KIA Treasurer
Ms. Ashley Adams, Financial Analyst
Ms. Julie Bickers, Financial Analyst
Mr. Kelly Cunnagin, Executive Staff Advisor
Mr. Dustin Horn, WRIS Geoprocessing Specialist
Ms. Debbie Landrum, Financial Analyst
Ms. Meg Link, Administrative Specialist III and KIA Secretary
Mr. James Nelson, Accountant/Grants
Ms. Sarah Parsley, Financial Analyst
Mr. Don Schierer, WRIS Resource Management Analyst

Guests:

Mr. Matt Baker, Cann-Tech, LLC
Mr. Jory Becker, Division of Water
Mr. Jason Belk, HPT
Mr. Johnny Brown, City of La Center
Ms. Bethany Couch, Office of Financial Management
Mr. Jim Dockery, Veolia
Ms. Jessica Filiatreau, City of Bardstown
Mr. Travis Greenwell, City of Bardstown
Mr. Billy Guffey, City of Burkesville
Mr. Michael Jacobs, GRW Engineers

Mr. James Milgate, City of La Center
Mr. Ed Peretto, City of Burkesville
Mr. Adam Scott, Cann-Tech, LLC
Mr. Richard Smith, HDR Engineering, Inc.
Mr. Bob Sturdivant, HDR Engineering, Inc.

PROCEEDINGS

Mr. Bruce Scott, First Vice-Chair, called the meeting of the Kentucky Infrastructure Authority (KIA) Board to order. He asked Ms. Suzanne Molley, DLG Staff Attorney, to confirm the press notification distribution as well as the presence of a quorum. Guests were asked to introduce themselves.

I. BUSINESS (Board Action Required)

A. 1. APPROVAL OF MINUTES

For: KIA Regular Board Meeting of January 8, 2019

Mr. Ron Lovan moved to approve the minutes of the January 8, 2019, regular board meeting. Mr. Claude Christensen seconded, and the motion carried unanimously.

B. NEW PROJECTS/ACTION ITEMS

1. A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING THE ELECTION OF VICE CHAIR OF THE KENTUCKY INFRASTRUCTURE AUTHORITY

Mr. Robert Amato nominated Mr. Ron Lovan for the Vice Chair vacancy. Mr. Claude Christensen seconded and the motion carried unanimously.

2. A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING ISSUANCE OF A CONDITIONAL COMMITMENT FOR A FEDERALLY ASSISTED CLEAN WATER REVOLVING FUND A LOAN (A19-045) FOR AN AMOUNT UP TO \$251,000 TO THE CITY OF BURKESVILLE, CUMBERLAND COUNTY, KENTUCKY

Mr. Jory Becker, DOW, and Mr. Jeff Abshire, discussed the City of Burkesville's request for Fund A Loan (A19-045) in an amount up to \$251,000. This is the Planning and Design portion of the Waste Water Treatment Plant Improvements project. It will allow the City to evaluate the plant's current condition, create a Preliminary Engineering Report, identify needed improvements, evaluate options for future treatment limits, and make recommendations for improvements.

The project will improve the plant's headworks facilities, which includes replacing the grit removal system and influent sampler, refurbishing the influent piping, HVAC, electrical and architectural components. It will replace the oxidation ditch equipment (motors, gear boxes, line shafts, bearings, etc.), the final clarifier equipment, and the chlorine gas disinfection

system with a peracetic acid system. The scope of work also covers improvements to the chlorine contact basin, installation of new RAS/WAS pumping and new sludge processing equipment, upgrades to the existing electrical and instrumentation equipment, and replacement of an existing pump station that serves one major industrial customer.

The system currently serves approximately 600 customers within the city limits and Cumberland County and supplies wholesale water to the Cumberland County Water District which is regulated by the PSC.

Mr. Mark Bunning inquired about the appearance of declining population and the ability for the 1% annual increase requirement being sufficient, based on the automatic adjustment clause adopted in the 2011. Mr. Abshire noted he was unsure about the accuracy of the census data and the population numbers and that the Cumberland County Water District is a customer and should counter balance the numbers.

Ms. Gwen Pinson abstained from voting. Mr. Paul Lashbrooke moved to approve the Fund A Loan (A19-045) for an amount up to \$251,000 with the standard conditions. Mr. Claude Christensen seconded and the motion was unanimously approved.

3. A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING ISSUANCE OF A CONDITIONAL COMMITMENT FOR A FEDERALLY ASSISTED CLEAN WATER REVOLVING FUND A LOAN (A19-047) FOR AN AMOUNT UP TO \$5,400,000 TO THE CITY OF BARDSTOWN, NELSON COUNTY, KENTUCKY

Mr. Jory Becker, DOW, and Mr. Jeff Abshire, KIA, discussed the City of Bardstown's request for a Fund A loan, (A19-047) in an amount up to \$5,400,000. The City is requesting funding for the Rowan Creek Sewer Upgrade project. The project will replace the existing 0.75 million gallon per day (MGD) Pottershop pump station with a 3.5 MGD station and will upgrade approximately 17,000 linear feet of sewer lines with 12 to 36 inch lines. Mechanical screening facilities will also be constructed at the headworks of the treatment plant to remove trash and debris prior to waste treatment. The pump station is a recurring sanitary sewer overflow (SSO) location due to hydraulic overloading during wet weather while the Rowan Creek trunk sewer has high levels of inflow and infiltration (I/I) and has numerous defects. Existing and proposed development within the Rowan Creek sewershed will exceed the capacity of the existing trunk sewer and pump station, thus justifying the replacement and upgrades. Replacement of the influent sewer at the Town Creek WWTP is needed to eliminate a hydraulic constriction that causes the headworks to back up during high influent flows while the screening facilities are needed to remove trash and debris from the influent to prevent plugging problems with floating aerators and the biological reactor.

The City of Bardstown provides wastewater service to approximately 7,500 customers and also treats waste for the City of Bloomfield's 455 customers.

Mr. Robert Amato moved to approve the Fund A Loan (A19-047) for an amount up to \$5,400,000 with the standard conditions. Mr. Ron Lovan seconded and the motion was unanimously approved.

4. A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING ISSUANCE OF A CONDITIONAL COMMITMENT FOR A FEDERALLY ASSISTED CLEAN WATER REVOLVING FUND LOAN (A19-026) FOR AN AMOUNT UP TO \$1,050,049 TO THE CITY OF LA CENTER, BALLARD COUNTY, KENTUCKY

Mr. Jory Becker, DOW, and Ms. Ashley Adams, KIA, discussed the City of La Center's request for a Fund A Loan, (A19-026) in an amount up to \$1,050,049 for the Wastewater Treatment Plant Upgrade and I/I Reduction project. This project will consist of upgrading the Wastewater Treatment Plant and the collection system. The City is under an agreed order (DOW 130159). The City plans to upgrade the WWTP by adding Actiflo tertiary treatment and ultra-violet disinfection to ensure effluent falls within their permitted limits. The City discharges into an Impaired Stream, Humphrey Creek, and must meet stringent discharge limits. Other work at the treatment plant will be done to ensure the proper operation of all components including a sludge pump station, slide gates, and necessary yard piping.

The city's gravity system was constructed in excess of 50 years ago and is mostly Vitrified Clay pipe. The pipes have deteriorated significantly over time and are contributing excessive inflow/infiltration into the system. The city has been doing repair work based on the 2000 SSES report with its own funds. In order to continue the necessary repairs a new SSES study and report is required, as well as, the estimated 36,000 linear feet of line that will need repair. The majority of the line repairs will utilize trenchless technology methods (I.E. Cured-in-place pipe, pipe bursting, etc.). This approach will reduce disturbance to the community during construction, reduce the strain on the WWTP, adding to its longevity and resulting in substantial improvements to the customers' service. The City will also complete camera work to determine the most egregious portions for Inflow and Infiltration of their system. Once those portions are identified, the city will rehab the system lines.

The City of La Center provides sewer service to 364 residential and 66 commercial customers and water service to 372 residential and 73 commercial customers in Ballard County.. The primary goal of this project is to improve water service and quality to the entire system served by Green-Taylor Water District. The District is currently struggling to keep their disinfectant byproducts within regulated standards due to elevated levels received from one of their current suppliers among other issues.

Mr. Mark Bunning asked Mr. Becker what trenchless technology involved. Mr. Becker said it was boring or a material is pushed through the pipe that coats the existing pipe and makes a new one. Director McNeil noted KIA staff is seeing trenchless technology used fairly often and there aren't many contractors doing the process at this point in time. KIA is actively looking for more vendors.

Mr. Claude Christensen moved to approve the Fund A Loan (A19-026) in an amount up to \$1,050,049 with the standard conditions and the following special condition: The City of La Center shall implement a CPI clause in their proposed rate ordinance, consolidate all miscellaneous fees into their normal rates by ordinance, and raise rates, at a minimum, as indicated in Section VI, B of the credit analysis. The ordinance will be reviewed and approved by KIA staff prior to execution. Mr. Robert Amato seconded and the motion unanimously was approved.

5. RESOLUTION OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING AND APPROVING THE ISSUANCE OF OBLIGATIONS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY TO REIMBURSE CAPITAL EXPENDITURES MADE BY GOVERNMENTAL AGENCIES PURSUANT TO LOANS MADE BY THE KENTUCKY INFRASTRUCTURE AUTHORITY TO SUCH GOVERNMENTAL AGENCIES

This is a routine resolution allowing KIA to reimburse expenses that are paid out of the Authority's funds with bond proceeds. The projects listed below are covered under this resolution:

BORROWER	FUND	AMOUNT UP TO
City of Burkesville (P & D)	A19-045	\$ 251,000
City of Bardstown	A19-047	\$ 5,400,000
City of La Center	A19-026	\$ 1,050,049

Mr. Ron Lovan moved to approve the reimbursement resolution. Mr. Claude Christensen seconded and the motion carried unanimously.

II. EXECUTIVE DIRECTOR'S REPORT

Director McNeil noted that the American Society of Engineers released their report card on Kentucky's Infrastructure, 10 different areas are taken into consideration when scoring, Kentucky received a C-, which is a bit better than the national average, but slightly lower than the one done seven years ago. The national average in 2017, was a D. Drinking Water received a C+ due to the enactment of SB 409 in 2000. Wastewater received a C. The full report can be found on the ACEC website. Director McNeil and Division of Water Director, Peter Goodmann made a presentation at the ACEC meeting yesterday.

Director McNeil is working with DLG staff member, Ryan Helfenbein to create a new, KIA logo. They hope to have draft soon for review.

Ms. McNeil noted two handouts, a Concurrent Resolution and Joint Resolution on water infrastructure. One is with the Natural Resources Committee and the other with Local Government. Mr. Bruce Scott will be contacting legislators.

Mr. Mark Bunning asked if there were thoughts of President Trump sending funding to Kentucky for infrastructure. Director McNeil said that there is a working list of potential projects should monies become available. Mr. Bunning asked if KIA should be proactive and get legislation in place should funding become available to secure loans to have matching funds available.

Mr. Ron Lovan noted that there is tremendous need for transportation infrastructure and that will most likely be the avenue the federal funds.

ANNOUNCEMENTS/NOTIFICATIONS

- Next scheduled KIA board meeting:
Thursday, March 7, 2019, 1:00 p.m.
1024 Capital Center Drive, Suite 340
Frankfort, Kentucky

There being no further business, Mr. Claude Christensen moved to adjourn. Mr. Mark Bunning seconded and the motion carried unanimously. The February 7, 2019 meeting of the Board of the Kentucky Infrastructure Authority was adjourned.

Submitted by:

Margaret F. Link
Margaret F. Link, Acting Secretary
Kentucky Infrastructure Authority

Date

February 25, 2019

Page Left Blank
for 2 Sided Printing

**A
T
T
A
C
H
M
E
N
T**

I.B.1.

Page Left Blank
for 2 Sided Printing

A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING ISSUANCE OF A CONDITIONAL COMMITMENT FOR A FEDERALLY ASSISTED CLEAN WATER REVOLVING FUND A LOAN (A19-032) FOR AN AMOUNT UP TO \$3,650,000 TO THE CITY OF MOREHEAD, ROWAN COUNTY, KENTUCKY

WHEREAS, the Kentucky Infrastructure Authority (the "Authority") has been duly created as a body corporate and politic constituting a public corporation and a governmental agency of the Commonwealth of Kentucky pursuant to Chapter 224A of the Kentucky Revised Statutes (the "Act"); and

WHEREAS, pursuant to the Act, the Authority is duly and legally authorized to make loans to Governmental Agencies for the purpose of providing funds for the construction and acquisition of sanitary sewer facilities, water facilities or other types of infrastructure, and in that regard, to enter into Assistance Agreements with such Governmental Agencies governing the provisions in respect of which such loans are to be made, the amounts thereof and the repayment provisions in respect thereto; and

WHEREAS, the Authority anticipates entering into an Assistance Agreement for a loan from the Authority's Federally Assisted Clean Water Revolving Loan Program (Fund A) with the City of Morehead, subject to final determination of amount when the factors involving such financing have been determined; and

WHEREAS, the Authority will, in the near future, authorize and issue a series of Infrastructure Authority Revenue Bonds for the purpose of funding loans to various governmental agencies, such series of Bonds to be known as Kentucky Infrastructure Authority Revenue Bonds with the appropriate Series designation; and

WHEREAS, the Authority wishes to establish terms and conditions on said Fund A loans prior to the issuance of Authority Revenue Bonds and recognizes that additional planning and design of the financed projects are required.

NOW, THEREFORE, THE KENTUCKY INFRASTRUCTURE AUTHORITY, ACTING BY AND THROUGH ITS BOARD OF DIRECTORS AS ITS DULY AUTHORIZED AND EMPOWERED GOVERNING BODY, DOES HEREBY RESOLVE AND ORDER, AS FOLLOWS:

Section 1. All statements of fact set forth in the preambles to this Resolution and Order are incorporated herein by reference, the same as if set forth verbatim. All such statements of fact are hereby declared to be true and accurate in all material respects.

Section 2. The Authority hereby authorizes the issuance of a conditional Federally Assisted Clean Water Revolving Fund A loan for an amount up to \$3,650,000 of project expense including capitalized interest for the construction period, to the City of Morehead for the US 60 West and KY 801 SSO Correction Project. Such amounts are subject to

adjustment by further action of the Authority or may be adjusted by action of the Executive Director at the time of the issuance of bonds based on adjustment in project costs of not more than ten percent (10%) of the loan amount authorized by this resolution. Upon satisfaction of all conditions of the commitment, execution of an assistance agreement for this loan is authorized.

Section 3. The loan shall be repayable over 20 years at an interest rate of 2.0%. In addition to debt service, a 0.2% annual administration fee on the unpaid loan balance will be charged. From annual revenues, \$9,100 must be set aside in a borrower held replacement reserve each December 1 until the balance reaches \$182,000 and maintained for the life of the loan. These terms are subject to adjustment upon execution of the loan agreement, upon changes in the project conditions or determination that the project will require authority financing to be done on a taxable basis.

Section 4. This Resolution and Order shall be in full force and effect from and after its adoption at a properly held meeting of the Kentucky Infrastructure Authority this 7th day of March, 2019.

SANDRA K. DUNAHOO, CHAIR
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

MARGARET F. LINK, SECRETARY
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

GREG B. LADD, GENERAL COUNSEL
DEPARTMENT FOR LOCAL GOVERNMENT

MATTHEW G. BEVIN
GOVERNOR



CHARLES G. SNAVELY
SECRETARY

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

ANTHONY R. HATTON
COMMISSIONER

300 SOWER BOULEVARD
FRANKFORT, KENTUCKY 40601

February 22, 2019

Donna McNeil, Executive Director
Kentucky Infrastructure Authority
1024 Capital Center Drive, Suite 340
Frankfort, Kentucky 40601

Re: A19-032
Morehead WWTP--3875
Activity ID: FGL20190003
Project Name: US 60 West and KY 801 SSO Correction

Dear Mrs. McNeil:

The Division of Water (DOW) hereby certifies that the City of Morehead is eligible to receive \$3,650,000.00 from the Clean Water State Revolving Fund. The DOW certifies that the project scope is consistent with the scope that was used to rank the project on the Intended Use Plan-Project Priority List.

The City of Morehead's status relative to the Clean Water State Revolving Fund General Conditions is provided below:

1. Project specific environmental information is expected to be submitted to DOW on April 1, 2019.
2. Plans and specifications were submitted to DOW on December 4, 2018.
3. Construction bids are expected to be opened on October 1, 2019.

Upon compliance with the general conditions, the DOW will issue a final project certification prior to authorizing the loan agreement. A preconstruction and project management conference with the DOW must be held prior to commencement of construction. If you have any questions concerning this letter, please contact Joel Murphy, Project Manager, at (502) 782-7024.

Sincerely,

A handwritten signature in black ink, appearing to read "Peter T. Goodmann".

Peter T. Goodmann, Director
Division of Water

PG/BG:jjm

c: Holly McGrath-Rosas, Morehead Utility Plant Board
Matt Curtis, Bluegrass Engineering
Jocelyn Gross, Gateway ADD

EXECUTIVE SUMMARY		Reviewer		Ashley Adams	
KENTUCKY INFRASTRUCTURE AUTHORITY		Date		March 7, 2019	
FUND A, FEDERALLY ASSISTED WASTEWATER		KIA Loan Number		A19-032	
REVOLVING LOAN FUND		WRIS Number		SX21205037	
BORROWER		CITY OF MOREHEAD ROWAN COUNTY			
BRIEF DESCRIPTION					
This project will address capacity issues and sanitary sewer overflows (SSO) throughout sections of the US 60 West and KY 80 sections of Morehead Utility Plant Board's collection system. This will be accomplished by rehabilitating over 65,000 linear feet (LF) of line and 5 different lift stations. Some of the lift station rehabilitation will include increasing capacity as well as installing energy efficient VFD devices and SCADA. Approximately 62% of the recorded 396 SSO events that have occurred since 1998 in the collection system have ocured in the proposed project area.					
PROJECT FINANCING		PROJECT BUDGET		RD Fee %	Actual %
KIA Fund A Loan	\$3,650,000	Legal Expenses			10,000
		Planning			15,000
		Eng - Design / Const	7.1%	6.5%	212,800
		Eng - Insp	3.9%	3.6%	118,600
		Eng - Other			20,600
		Construction			2,936,000
		Contingency			337,000
TOTAL	\$3,650,000	TOTAL			\$3,650,000
REPAYMENT	Rate	2.00%	Est. Annual Payment		\$229,626
	Term	20 Years	1st Payment	6 Mo. after first draw	
PROFESSIONAL SERVICES	Engineer	Bluegrass Engineering, PLLC			
	Bond Counsel	Dinsmore & Shohl, LLP			
PROJECT SCHEDULE	Bid Opening	Oct-19			
	Construction Start	Jan-20			
	Construction Stop	Oct-20			
DEBT PER CUSTOMER	Existing	\$2,352			
	Proposed	\$5,738			
OTHER DEBT	See Attached				
OTHER STATE-FUNDED PROJECTS LAST 5 YRS	See Attached				
RESIDENTIAL RATES		Users	Avg. Bill		
	Current	5,581	\$29.76 (for 4,000 gallons)		
	Additional	0	\$29.76 (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 2016	2,382,274	1,171,067	1,211,207		2.0
Audited 2017	2,306,343	1,170,694	1,135,649		2.0
Audited 2018	2,685,132	1,176,634	1,508,498		2.3
Projected 2019	3,984,006	1,300,087	2,683,919		3.1
Projected 2020	3,746,848	1,284,214	2,462,634		2.9
Projected 2021	3,504,947	1,397,964	2,106,983		2.5
Projected 2022	3,200,308	2,260,825	939,483		1.4
Projected 2023	2,948,635	2,096,061	852,574		1.4

Reviewer: Ashley Adams
Date: March 7, 2019
Loan Number: A19-032

**KENTUCKY INFRASTRUCTURE AUTHORITY
WASTEWATER REVOLVING LOAN FUND (FUND A)
CITY OF MOREHEAD, ROWAN COUNTY
PROJECT REVIEW
SX21205037**

I. PROJECT DESCRIPTION

The Morehead Plant Utility Board is requesting a Fund A loan in the amount of \$3,650,000 for the US 60 West and KY 801 SSO Correction project. This project will improve the sanitary sewer collection system in order to address capacity issues and sanitary system overflows (SSO). MUPB began recording SSO events circa 1998. In 2000, MUPB was released from their Agreed Order with the Kentucky Division of Water. Since 1998, MUPB has recorded 396 SSO events throughout their collection system; 245 of the recorded 396 SSO events, approximately 62%, have occurred in the proposed capital improvement project area. Currently, the majority of the SSO events occur at the lift station wet wells in the proposed project area. However, the manholes found in lower elevation areas, such as Salt Lick, often overflow when the pump stations become backed up. Increasing the line capacity will alleviate the bottleneck and allow the lift stations to pump at their designed capacity, thus reducing SSO events. Approximately 65,500 linear feet of line will be rehabilitated as well as 5 lift stations and related appurtenances. Two of the lift stations will be equipped with SCADA and three will be equipped with VFD devices to increase energy efficiency.

The Morehead Utility Plant Board currently serves 5,581 sewer customers, 3,453 water customers, and also provides natural gas to customers in Rowan County.

II. PROJECT BUDGET

	Total
Legal Expenses	10,000
Planning	15,000
Engineering Fees - Design	149,000
Engineering Fees - Construction	63,800
Engineering Fees - Inspection	118,600
Engineering Fees - Other	20,600
Construction	2,936,000
Contingency	337,000
Total	\$ 3,650,000

III. PROJECT FUNDING

	Amount	%
KIA Fund A Loan	\$ 3,650,000	100%
Total	\$ 3,650,000	100%

IV. KIA DEBT SERVICE

Construction Loan	\$ 3,650,000
Less: Principal Forgiveness	0
Amortized Loan Amount	\$ 3,650,000
Interest Rate	2.00%
Loan Term (Years)	20
Estimated Annual Debt Service	\$ 222,326
Administrative Fee (0.20%)	7,300
Total Estimated Annual Debt Service	\$ 229,626

V. PROJECT SCHEDULE

Bid Opening	October 1, 2019
Construction Start	January 2, 2020
Construction Stop	October 1, 2020

VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

A) Customers

	Current
Residential	4,783
Commercial	792
Industrial	6
Total	5,581

B) Rates

Water	Inside City		Outside City	
	Current	Prior	Current	Prior
Date of Last Rate Increase	08/01/18	08/01/17	08/01/18	08/01/17
Minimum (First 2,000 gallons)	\$17.40	\$14.95	\$20.88	\$17.94
Next 4,000 Gallons (per 1,000)	7.03	6.04	8.43	7.24
Cost for 4,000 gallons	\$31.46	\$27.03	\$37.74	\$32.42
Increase %	16.4%		16.4%	
Affordability Index (Rate/MHI)	1.0%		1.2%	

Sewer	Inside City		Outside City	
	Current	Prior	Current	Prior
Date of Last Rate Increase	08/01/18	08/01/17	08/01/18	08/01/17
Minimum (First 2,000 gallons)	\$14.60	\$10.50	\$17.53	\$12.61
Next 4,000 Gallons (per 1,000)	7.58	5.45	8.78	6.32
Cost for 4,000 gallons	\$29.76	\$21.40	\$35.09	\$25.25
Increase %	39.1%		39.0%	
Affordability Index (Rate/MHI)	0.9%		1.1%	

Water rates will be evaluated and adjusted on an annual basis for the next few years based on pending capital projects in the system. The Utility is exploring the implementation of a CPI clause in the future to keep up with inflation.

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2012-2016, the Utility's service area population was 15,128 with a Median Household Income (MHI) of \$38,498. The median household income for the Commonwealth is \$44,811. The project will qualify for the non-standard interest rate of 2% because the MHI of the system is between 80-100% of Kentucky's MHI.

Year	City	Population % Change	County	% Change	County Unemployment	
					Date	Rate
1980	7,789		19,049		June 2005	6.6%
1990	8,357	7.3%	20,353	6.8%	June 2010	10.4%
2000	5,914	-29.2%	22,094	8.6%	June 2015	6.6%
2010	6,845	15.7%	23,333	5.6%	June 2018	6.3%
Current	7,615	11.2%	24,302	4.2%		
Cumulative %		-2.2%		27.6%		

VIII. 2018 CAPITALIZATION GRANT EQUIVALENCIES

- 1) Green Project Reserve - This project does not qualify for Green Project Reserve (GPR) funding.
- 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, 2016 through June 30, 2018. Morehead Plant Utility Board is comprised of water, sewer, and gas operations and has limited segregation in their financial statements. The non-cash impact of GASB 68, Accounting and Financial

Reporting for Pensions, has been removed from fiscal 2016-2018 operating expenses and GASB 75, Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions, has been removed from 2018 operating expenses. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

HISTORY

Total revenues including water, sewer, and gas have increased 20% from 2016 to 2018 mostly due to rate increases. Water revenues increased 15% during that period, sewer revenues increased 18%, and gas revenues increased 33%. Historically, water has contributed the majority of cash available for debt service to the operation while also making up for deficits in sewer. Rate increases in the beginning of fiscal year (FY) 2019 will bring water and sewer almost equal in terms of cash flow available for debt service and other capital improvements. Total operating expenses increased 20% from 2016 to 2018. Water, sewer, and gas share administrative expenses which saw a 20% increase during this time period while water saw a 6% increase, sewer an 11% increase, and gas a 42% increase in operating expenses.

The 2018 balance sheet reflects a current ratio of 1.9, a debt to equity ratio of 0.4, 51.8 days sales in accounts receivable, and 1.6 months operating expenses in unrestricted cash. The debt coverage ratio from 2016 to 2018 was 2.0, 2.0, and 2.3, respectively.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Water revenues for both residential and wholesale customers will increase approximately 16% in FY 2019 as a result of a rate increase. Water revenues will continue to increase in the five year forecast according to planned rate increases by the Utility based on their capital improvements plan and updated annually with KIA. Residential water rates are anticipated to increase an average of 16% from FY 2019-2021 while wholesale rates will be adjusted based on the wholesale customer's responsibility for debt service coverage for plant expansion projects. Only the currently known 2019 increase is factored into this analysis.
- 2) Sewer revenues will increase approximately 39% due to a rate increase in FY 2019 and remain flat thereafter.
- 3) Expenses will increase 2% annually for inflation.
- 4) Debt coverage is 1.4 in 2022 when full principal and interest payments for loan A19-032 and the first four increments of pending KIA loan F19-002 go into repayment.

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

REPLACEMENT RESERVE

The replacement reserve will be 5% (\$182,000 total) of the final amount borrowed (prior to principal forgiveness, if any) to be funded annually (\$9,100 yearly) each December 1 for 20 years and maintained for the life of the loan.

X. DEBT OBLIGATIONS

	<u>Outstanding</u>	<u>Maturity</u>
Bond Series 1966	\$ 15,000	2019
RD Series 2001A	3,427,000	2042
RD Series 2004	1,258,000	2044
KIA Loan (F00-05)	1,414,667	2023
KIA Loan (A04-02)	3,048,765	2026
KIA Loan (A10-16)	1,462,043	2033
KIA Loan (A209-36)	248,751	2031
KIA Loan (A209-37)	431,449	2032
KIA Loan (A16-065 i/a/o \$1,800,000)	1,482,651	2038
KIA Loan (F18-004 P&D i/a/o \$1,297,200)	0	TBD
KIA Loan (F19-002 i/a/o \$26,428,000)	0	TBD
Total	\$ 12,788,326	

XI. CONTACTS

Legal Applicant	
Entity Name	City of Morehead
Authorized Official	Laura White-Brown (Mayor)
County	Rowan
Email	mayor.whitebrown@morehead-ky.gov
Phone	606-784-8505
Address	314 Bridge Street Morehead, KY 40351

Applicant Contact

Name	Holly McGrath- Rosas
Organization	Morehead Utility Plant Board
Email	hrosas@mupb.com
Phone	606-784-8313
Address	135 S Wilson Ave Morehead, KY 40351

Project Administrator

Name	Jocelyn R. Gross
Organization	Gateway ADD
Email	jocelynr.gross@ky.gov
Phone	606-780-0090
Address	110 Lake Park Dr. Morehead, KY 40351

Consulting Engineer

PE Name	Matthew Ray Curtis
Firm Name	Bluegrass Engineering, PLLC
Email	mcurtis@bludgrassengineering.net
Phone	502-370-6551
Address	222 East Main St, Suite 1 Georgetown, KY 40324

XII. RECOMMENDATIONS

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

CITY OF MOREHEAD
FINANCIAL SUMMARY (JUNE YEAR END)

	Audited 2016	Audited 2017	Audited 2018	Projected 2019	Projected 2020	Projected 2021	Projected 2022	Projected 2023
Balance Sheet								
Assets								
Current Assets	2,293,408	3,010,960	2,910,114	3,479,774	3,726,037	3,936,736	4,030,684	4,115,941
Other Assets	41,790,087	40,104,332	42,181,210	45,382,497	51,805,677	57,488,985	60,509,254	59,066,577
Total	<u>44,083,495</u>	<u>43,115,292</u>	<u>45,091,324</u>	<u>48,862,271</u>	<u>55,531,714</u>	<u>61,425,721</u>	<u>64,539,938</u>	<u>63,182,518</u>
Liabilities & Equity								
Current Liabilities	1,408,302	1,393,732	1,819,172	1,829,761	1,855,229	1,880,554	1,743,395	1,601,149
Long Term Liabilities	15,194,771	16,084,456	18,298,424	18,298,108	25,231,198	31,314,313	37,019,337	38,580,857
Total Liabilities	<u>16,603,073</u>	<u>17,478,188</u>	<u>20,117,596</u>	<u>20,127,869</u>	<u>27,086,427</u>	<u>33,194,867</u>	<u>38,762,732</u>	<u>40,182,006</u>
Net Assets	<u>27,480,422</u>	<u>25,637,104</u>	<u>24,973,728</u>	<u>28,734,402</u>	<u>28,445,287</u>	<u>28,230,854</u>	<u>25,777,206</u>	<u>23,000,512</u>
Cash Flow								
Revenues	9,403,121	9,990,829	11,271,041	13,394,448	13,394,448	13,394,448	13,394,448	13,394,448
Operating Expenses	7,150,384	7,657,223	8,591,321	9,415,854	9,653,012	9,894,913	10,199,552	10,451,225
Other Income	129,537	(27,263)	5,412	5,412	5,412	5,412	5,412	5,412
Cash Flow Before Debt Service	<u>2,382,274</u>	<u>2,306,343</u>	<u>2,685,132</u>	<u>3,984,006</u>	<u>3,746,848</u>	<u>3,504,947</u>	<u>3,200,308</u>	<u>2,948,635</u>
Debt Service								
Existing Debt Service*	1,171,067	1,170,694	1,176,634	1,300,087	1,284,214	1,283,151	2,031,199	1,866,435
Proposed KIA Loan	0	0	0	0	0	114,813	229,626	229,626
Total Debt Service	<u>1,171,067</u>	<u>1,170,694</u>	<u>1,176,634</u>	<u>1,300,087</u>	<u>1,284,214</u>	<u>1,397,964</u>	<u>2,260,825</u>	<u>2,096,061</u>
Cash Flow After Debt Service	<u>1,211,207</u>	<u>1,135,649</u>	<u>1,508,498</u>	<u>2,683,919</u>	<u>2,462,634</u>	<u>2,106,983</u>	<u>939,483</u>	<u>852,574</u>
Ratios								
Current Ratio	1.6	2.2	1.6	1.9	2.0	2.1	2.3	2.6
Debt to Equity	0.6	0.7	0.8	0.7	1.0	1.2	1.5	1.7
Days Sales in Accounts Receivable	45.7	51.0	51.8	51.8	51.8	51.8	51.8	51.8
Months Operating Expenses in Unrestricted Cash	1.6	3.3	1.6	2.3	2.8	3.3	3.5	3.6
Debt Coverage Ratio	2.0	2.0	2.3	3.1	2.9	2.5	1.4	1.4

* Existing debt service in 2022-2023 includes the first four funding increments of pending KIA loan F19-022

Page Left Blank
for 2 Sided Printing

**A
T
T
A
C
H
M
E
N
T**

I.B.2.

Page Left Blank
for 2 Sided Printing

A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING ISSUANCE OF A CONDITIONAL COMMITMENT FOR A FEDERALLY ASSISTED CLEAN WATER REVOLVING FUND A PLANNING AND DESIGN LOAN (A19-048) FOR AN AMOUNT UP TO \$388,400 TO THE LINCOLN COUNTY SANITATION DISTRICT, LINCOLN COUNTY, KENTUCKY

WHEREAS, the Kentucky Infrastructure Authority (the "Authority") has been duly created as a body corporate and politic constituting a public corporation and a governmental agency of the Commonwealth of Kentucky pursuant to Chapter 224A of the Kentucky Revised Statutes (the "Act"); and

WHEREAS, pursuant to the Act, the Authority is duly and legally authorized to make loans to Governmental Agencies for the purpose of providing funds for the construction and acquisition of sanitary sewer facilities, water facilities or other types of infrastructure, and in that regard, to enter into Assistance Agreements with such Governmental Agencies governing the provisions in respect of which such loans are to be made, the amounts thereof and the repayment provisions in respect thereto; and

WHEREAS, the Authority anticipates entering into an Assistance Agreement for a loan from the Authority's Federally Assisted Clean Water Revolving Loan Program (Fund A) with the Lincoln County Sanitation District, subject to final determination of amount when the factors involving such financing have been determined; and

WHEREAS, the Authority will, in the near future, authorize and issue a series of Infrastructure Authority Revenue Bonds for the purpose of funding loans to various governmental agencies, such series of Bonds to be known as Kentucky Infrastructure Authority Revenue Bonds with the appropriate Series designation; and

WHEREAS, the Authority wishes to establish terms and conditions on said Fund A loans prior to the issuance of Authority Revenue Bonds and recognizes that additional planning and design of the financed projects are required.

NOW, THEREFORE, THE KENTUCKY INFRASTRUCTURE AUTHORITY, ACTING BY AND THROUGH ITS BOARD OF DIRECTORS AS ITS DULY AUTHORIZED AND EMPOWERED GOVERNING BODY, DOES HEREBY RESOLVE AND ORDER, AS FOLLOWS:

Section 1. All statements of fact set forth in the preambles to this Resolution and Order are incorporated herein by reference, the same as if set forth verbatim. All such statements of fact are hereby declared to be true and accurate in all material respects.

Section 2. The Authority hereby authorizes the issuance of a conditional Federally Assisted Clean Water Revolving Fund A Planning and Design loan for an amount up to \$388,400 of project expense including capitalized interest for the construction period, to

the Lincoln County Sanitation District for the US 127 Corridor Sanitary Sewer Phase 2 Project. Such amounts are subject to adjustment by further action of the Authority or may be adjusted by action of the Executive Director at the time of the issuance of bonds based on adjustment in project costs of not more than ten percent (10%) of the loan amount authorized by this resolution. Upon satisfaction of all conditions of the commitment, execution of an assistance agreement for this loan is authorized.

Section 3. The loan shall be repayable over 5 years at an interest rate of 3.0%. In addition to debt service, a 0.2% annual administration fee on the unpaid loan balance will be charged. No replacement reserve is required for Planning and Design Loans. These terms are subject to adjustment upon execution of the loan agreement, upon changes in the project conditions or determination that the project will require authority financing to be done on a taxable basis.

Section 4. This Resolution and Order shall be in full force and effect from and after its adoption at a properly held meeting of the Kentucky Infrastructure Authority this 7th day of March, 2019.

SANDRA K. DUNAHOO, CHAIR
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

MARGARET F. LINK, SECRETARY
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

GREG B. LADD, GENERAL COUNSEL
DEPARTMENT FOR LOCAL GOVERNMENT



MATTHEW G. BEVIN
GOVERNOR

CHARLES G. SNAVELY
SECRETARY

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

ANTHONY R. HATTON
COMMISSIONER

300 SOWER BOULEVARD
FRANKFORT, KENTUCKY 40601

February 27, 2019

Donna McNeil, Executive Director
Kentucky Infrastructure Authority
1024 Capital Center Drive, Suite 340
Frankfort, Kentucky 40601


Re: A19-048
Lincoln Co Wastewater Collection--44253
Activity ID: FGL20190003

Dear Mrs. McNeil:

The Division of Water (DOW) hereby certifies that the Lincoln County Sanitation District is eligible to receive \$388,400.00 for a planning and design loan from the Clean Water State Revolving Fund. Upon approval of an engineering contract, the DOW will issue a final certification letter authorizing initiation of the Assistance Agreement.

If you have any questions concerning this letter, please contact Amber Vaughn, Project Manager, at (502) 782-7121.

Sincerely,



Peter T. Goodman, Director
Division of Water

PG/BG:av

c: Ashley Adams, KIA
Jim Adams, Lincoln County Sanitation District
Bill Payne, Lincoln County Sanitation District
Karyn Leverenz, Bluegrass ADD

EXECUTIVE SUMMARY		Reviewer		Ashley Adams
KENTUCKY INFRASTRUCTURE AUTHORITY		Date		February 7, 2019
FUND A, FEDERALLY ASSISTED WASTEWATER		KIA Loan Number		A19-048
REVOLVING LOAN FUND		WRIS Number		SX21137023
BORROWER		LINCOLN COUNTY SANITATION DISTRICT LINCOLN COUNTY		
BRIEF DESCRIPTION				
This loan will be for the planning and design of the second phase of a project bringing sanitary sewer service to the central Moreland area and an area south of KY Hwy 1194 in Lincoln County. The project area has seen rapid residential development and will serve almost all subdivisions (both old and new) on the east side of US 127 from Hustonville by bringing sewer service to approximately 355 households and 8 commercial customers.				
PROJECT FINANCING		PROJECT BUDGET		
Fund A Planning & Design Loan	\$388,400	RD Fee %	Actual %	
		Legal Expenses		45,000
		Land, Easements		75,000
		Planning		20,000
		Eng - Design		248,400
TOTAL	\$388,400	TOTAL		\$388,400
REPAYMENT	Rate	3.00%	Est. Annual Payment	\$85,008
	Term	5 Years	1st Payment	6 Mo. after first draw
PROFESSIONAL SERVICES	Engineer	AGE Engineering Services		
	Bond Counsel	Dinsmore & Shohl, LLP		
PROJECT SCHEDULE	Bid Opening	Oct-19		
	Construction Start	Jan-20		
	Construction Stop	Dec-20		
DEBT PER CUSTOMER	Existing	\$1,372		
	Proposed	\$5,271		
OTHER DEBT		See Attached		
OTHER STATE-FUNDED PROJECTS LAST 5 YRS		See Attached		
RESIDENTIAL RATES		Users	Avg. Bill	
	Current	585	\$51.00 (for 4,000 gallons)	
	Additional	363	\$51.00 (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 2015	41,927	0	41,927	n/a
Audited 2016	(3,314)	0	(3,314)	n/a
Audited 2017	(17,559)	0	(17,559)	n/a
Projected 2018	67,614	61,347	6,268	1.1
Projected 2019	153,678	123,206	30,472	1.2
Projected 2020	152,187	123,088	29,099	1.2
Projected 2021	150,666	123,478	27,188	1.2
Projected 2022	295,647	208,365	87,281	1.4

Reviewer: Ashley Adams
Date: March 7, 2019
Loan Number: A19-048

**KENTUCKY INFRASTRUCTURE AUTHORITY
WASTEWATER REVOLVING LOAN FUND (FUND A)
LINCOLN COUNTY SANITATION DISTRICT, LINCOLN COUNTY
PROJECT REVIEW
SX21137023**

I. PROJECT DESCRIPTION

The Lincoln County Sanitation District is requesting a Fund A Planning and Design loan in the amount of \$388,400 for the US 127 Corridor Sanitary Sewer Phase 2 project. This project will fund the planning and design of a project that will bring sanitary sewer to approximately 355 homes and 8 commercial customers that are currently on private septic systems nearing the end of their useful life. The area has seen rapid residential growth over the recent past and is currently underserved. This second phase will complete service to virtually all subdivisions on the east and west side of US 127 from the Norfolk Southern Railroad North to KY Hwy 1194.

The District has received national recognition from US EPA for their accomplishments with Phase 1 of this project including an Honorable Mention for the 2018 PISCES award. The first phase brought service to over 600 households and commercial customers in Lincoln County. The District is still in process of bringing all of those customers online and should have that completed somewhere near the end of 2019 per their estimated timeline. Connection delays have been experienced due to a shortage of plumbers able to perform the work and poor weather conditions, but the District will continue to push forward.

The District was established on May 10, 2011 by the Lincoln County Fiscal Court. It is governed by five directors who are appointed by the County Judge Executive and approved by the fiscal court. Connection to the public wastewater system is mandatory within four months of the date that a property owner is notified that service is available.

II. PROJECT BUDGET

	Total
Legal Expenses	\$ 45,000
Land, Easements	75,000
Planning	20,000
Engineering Fees - Design	248,400
Total	\$ 388,400

III. PROJECT FUNDING

	Amount	%
Fund A Planning & Design Loan	\$ 388,400	100%
Total	\$ 388,400	100%

IV. KIA DEBT SERVICE

Planning & Design Loan	\$ 388,400
Interest Rate	3.00%
Loan Term (Years)	5
Estimated Annual Debt Service	\$ 84,232
Administrative Fee (0.20%)	777
Total Estimated Annual Debt Service	\$ 85,008

V. PROJECT SCHEDULE

Bid Opening	November 2019
Construction Start	January 2020
Construction Stop	December 2020

VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

A) Customers

	Current	Proposed	Total
Residential	535	355	890
Commercial	50	8	58
Industrial			
Total	585	363	948

B) Rates

	Current
Date of Last Rate Increase	06/14/14
Minimum	\$25.00
Per 1,000 Gallons	6.50
Cost for 4,000 gallons	\$51.00
Affordability Index (Rate/MHI)	1.5%

The District has a CPI clause which states they shall raise rates each year for inflation.

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2012-2016, the Utility's service area population was 1,726 with a Median Household Income (MHI) of \$40,887. The median household income for the Commonwealth is \$44,811. The current interest rate for Planning and Design loans is 3%; however, the District conducted an income survey to better represent the actual income of the project area in anticipation of pursuing future construction funding with KIA and has qualified as a Disadvantaged Community for future construction funding at this time.

County Population			County Unemployment	
Year	County	% Change	Date	Rate
1980	19,053		June 2005	6.6%
1990	20,045	5.2%	June 2010	12.3%
2000	23,361	16.5%	June 2015	6.6%
2010	24,742	5.9%	June 2018	5.5%
Current	24,424	-1.3%		
Cumulative %		28.2%		

VIII. 2018 CAPITALIZATION GRANT EQUIVALENCIES

- 1) Green Project Reserve - This project does not qualify for Green Project Reserve (GPR) funding.
- 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, 2015 through June 30, 2017. During this time period the District was not fully operational, only managing the construction of the collection system. Phase 1 of the project was funded by a Fund A loan (A13-030) from KIA, an RD loan/grant, CDBG, ARC, and local funds (Lincoln County Fiscal Court, City of Houstonville, Lincoln County Industrial Authority). Loans totaled \$4,715,793 with \$3,208,500 in grant and local source funding for a project total of \$7,924,293.

During FY 2018 the District started collecting revenues from customers and inspection fees. As of January 2019, the District has 378 customers fully online with the rest of the Phase 1 project area estimated to be connected by the end of 2019. All eligible connections are being billed regardless of connection status based on provisions in the District's ordinance at this time. Based on financial data obtained from the District, average annual revenues for Phase 1 will total around \$308,000. Treatment expenses to the City of Danville will be around \$50,000 annually in addition to another \$84,000 in additional operating expenses. The District made their first debt service payment in

FY 2018 to KIA.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Revenues will remain flat for growth and volume for Phase 1 and average \$308,000 annually.
- 2) Treatment costs will remain flat per the current contract with Danville at around \$60,000 annually while other operating expenses will increase 2% annually for inflation.
- 3) Phase 2 will be completed in approximately 2022 with anticipated construction costs being \$4,956,500. Debt service for the full construction project will begin the same year.
 - o The District will pursue at least \$1.5 million in grant funding for the project.
 - o Construction project assumptions are based on debt service being approximately \$130,000 per year with grant funding (CDBG, ARC) and no principal forgiveness associated with the loan. Debt service will increase approximately \$54,000 with no grant funding.
 - o At this time, it is estimated that revenues will need to increase approximately \$60,000 above Phase 2 expected revenues to support inflation, additional operating expense, and debt service if no grant funding is secured.
- 4) Debt service coverage is 1.4 in 2022 when principal and interest repayments begin. If, for any reason, Phase 2 construction does not occur and anticipated Phase 2 revenues are not added, The District will need to increase revenues approximately \$80,000 annually to repay the P&D loan.

Based on the pro forma assumptions, the utility shows adequate cash flow to repay the KIA Fund A loan when Phase 2 has become operational.

REPLACEMENT RESERVE

There are no replacement reserve requirements for this loan because it is only funding Planning and Design.

X. DEBT OBLIGATIONS

	<u>Outstanding Maturity</u>	
USDA Revenue Bond Series 2016	\$	350,000 2056
KIA Loan (A13-020)		4,365,793 2047
Total	\$	4,715,793

XI. CONTACTS

Legal Applicant

Entity Name	Lincoln County Sanitation District
Authorized Official	Bill Payne (Chairman)
County	Lincoln
Email	brpayne77@att.net
Phone	859-583-9626
Address	102 E Main St Stanford, KY 40484

Applicant Contact

Name	Bill Payne
Organization	Lincoln County Sanitation District
Email	brpayne77@att.net
Phone	859-854-6169
Address	102 E Main St Stanford, KY 40484

Project Administrator

Name	Karyn Leverenz
Organization	Bluegrass ADD
Email	kleverenz@bgadd.org
Phone	859-269-8021
Address	699 Perimeter Dr. Lexington, KY 40517

Consulting Engineer

PE Name	Luther Galloway
Firm Name	AGE Engineering Services
Email	lgalloway@ageengineering.com
Phone	606-365-8362
Address	165 Foster Lane Stanford, KY 40484

XII. RECOMMENDATIONS

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

**LINCOLN COUNTY SANITATION DISTRICT
FINANCIAL SUMMARY (JUNE YEAR END)**

	Audited 2015	Audited 2016	Audited 2017	Projected 2018	Projected 2019	Projected 2020	Projected 2021	Projected 2022
Balance Sheet								
Assets								
Current Assets	18,607	443,924	477,669	81,553	87,647	93,467	106,896	150,835
Other Assets	0	2,946,576	7,672,096	7,799,013	7,872,412	7,912,128	10,040,165	17,048,864
Total	18,607	3,390,500	8,149,765	7,880,566	7,960,060	8,005,595	10,147,061	17,199,700
Liabilities & Equity								
Current Liabilities	40,000	807,586	624,418	50,170	120,336	121,500	123,176	124,354
Long Term Liabilities	0	735,373	3,290,793	3,265,623	3,364,487	3,462,687	4,899,561	6,335,757
Total Liabilities	40,000	1,542,959	3,915,211	3,315,793	3,484,823	3,584,187	5,022,737	6,460,111
Net Assets	(21,393)	1,847,541	4,234,554	4,564,773	4,475,236	4,421,408	5,124,323	10,739,588
Cash Flow								
Revenues	0	0	0	80,638	308,160	308,160	308,160	508,100
Operating Expenses	3,073	3,314	17,559	73,762	154,482	155,973	157,494	212,454
Other Income	45,000	0	0	60,738	0	0	0	0
Cash Flow Before Debt Service	41,927	(3,314)	(17,559)	67,614	153,678	152,187	150,666	295,647
Debt Service								
Existing Debt Service	0	0	0	61,347	123,206	123,088	123,478	123,357
Proposed KIA Loan	0	0	0	0	0	0	0	85,008
Total Debt Service	0	0	0	61,347	123,206	123,088	123,478	208,365
Cash Flow After Debt Service	41,927	(3,314)	(17,559)	6,268	30,472	29,099	27,188	87,281
Ratios								
Current Ratio	0.5	0.5	0.8	1.6	0.7	0.8	0.9	1.2
Debt to Equity	1.0	0.8	0.9	0.7	0.8	0.8	1.0	0.6
Days Sales in Accounts Receivable	N/A	N/A	N/A	N/A	40.0	40.0	49.5	49.0
Months Operating Expenses in Unrestricted Cash	N/A	N/A	N/A	N/A	4.8	5.3	5.7	5.2
Debt Coverage Ratio	N/A	N/A	N/A	1.1	1.2	1.2	1.2	1.4

Page Left Blank
for 2 Sided Printing

**A
T
T
A
C
H
M
E
N
T**

I.B.3.

Page Left Blank
for 2 Sided Printing

A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING ISSUANCE OF A CONDITIONAL COMMITMENT FOR A FEDERALLY ASSISTED DRINKING WATER REVOLVING FUND LOAN (F19-002) FOR AN AMOUNT UP TO \$6,554,200 TO THE CITY OF MOREHEAD, ROWAN COUNTY, KENTUCKY

WHEREAS, the Kentucky Infrastructure Authority (the "Authority") has been duly created as a body corporate and politic constituting a public corporation and a governmental agency of the Commonwealth of Kentucky pursuant to Chapter 224A of the Kentucky Revised Statutes (the "Act"); and

WHEREAS, pursuant to the Act, the Authority is duly and legally authorized to make loans to Governmental Agencies for the purpose of providing funds for the construction and acquisition of sanitary sewer facilities, water facilities or other types of infrastructure, and in that regard, to enter into Assistance Agreements with such Governmental Agencies governing the provisions in respect of which such loans are to be made, the amounts thereof and the repayment provisions in respect thereto; and

WHEREAS, the Authority anticipates entering into an Assistance Agreement for a loan from the Authority's Federally Assisted Drinking Water Revolving Loan Program (Fund F) with the City of Morehead, subject to final determination of amount when the factors involving such financing have been determined; and

WHEREAS, the Authority will, in the near future, authorize and issue a series of Infrastructure Authority Revenue Bonds for the purpose of funding loans to various governmental agencies, such series of Bonds to be known as Kentucky Infrastructure Authority Revenue Bonds with the appropriate Series designation; and

WHEREAS, the Authority wishes to establish terms and conditions on said Fund F loans prior to the issuance of Authority Revenue Bonds and recognizes that additional planning and design of the financed projects are required.

NOW, THEREFORE, THE KENTUCKY INFRASTRUCTURE AUTHORITY, ACTING BY AND THROUGH ITS BOARD OF DIRECTORS AS ITS DULY AUTHORIZED AND EMPOWERED GOVERNING BODY, DOES HEREBY RESOLVE AND ORDER, AS FOLLOWS:

Section 1. All statements of fact set forth in the preambles to this Resolution and Order are incorporated herein by reference, the same as if set forth verbatim. All such statements of fact are hereby declared to be true and accurate in all material respects.

Section 2. The Authority hereby authorizes the issuance of a conditional Federally Assisted Drinking Water Revolving Fund loan for an amount up to \$6,554,200 including permanent financing for planning & design loan F18-004 in the amount of \$1,297,200 and

\$5,257,000 for construction, and capitalized interest during the construction period, to the City of Morehead for the Water Treatment Plant Construction project. Such amounts are subject to adjustment by further action of the Authority or may be adjusted by action of the Executive Director at the time of the issuance of bonds based on adjustment in project costs of not more than (10%) ten percent of the loan amount authorized by this resolution. Upon satisfaction of all conditions of the commitment, execution of an assistance agreement for this loan is authorized.

Section 3. The unforgiven principal shall be repayable over 30 years at an interest rate of 0.50%. In addition to debt service, a 0.25% annual administration fee on the unpaid, unforgiven principal balance will be charged. From annual revenues, \$13,100 must be set aside in a borrower held replacement reserve each December 1 until the balance reaches \$262,000 and maintained for the life of the loan. These terms are subject to adjustment upon execution of the loan agreement, upon changes in the project conditions or determination that the project will require authority financing to be done on a taxable basis.

Section 4. This Resolution and Order shall be in full force and effect from and after its adoption at a properly held meeting of the Kentucky Infrastructure Authority this 7th day of March, 2019.

SANDRA K. DUNAHOO, CHAIR
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

MARGARET F. LINK, SECRETARY
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

GREG B. LADD, GENERAL COUNSEL
DEPARTMENT FOR LOCAL GOVERNMENT



MATTHEW G. BEVIN
GOVERNOR

CHARLES G. SNAVELY
SECRETARY

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

ANTHONY R. HATTON
COMMISSIONER

300 SOWER BOULEVARD
FRANKFORT, KENTUCKY 40601

February 27, 2019

Donna McNeil, Executive Director
Kentucky Infrastructure Authority
1024 Capital Center Drive, Suite 340
Frankfort, Kentucky 40601

Re: F19-002
Morehead Utility Plant Board Water System--3874
Activity ID: FGL20190007

Dear Mrs. McNeil:


The Division of Water (DOW) hereby certifies that the Morehead Utility Plant Board is eligible to receive \$6,554,200 from the Drinking Water State Revolving Fund, which includes the F18-004 Planning and Design loan for \$1,297,200, and Fund F loan 2019 for \$5,257,000. The DOW certifies that the project scope is consistent with the scope that was used to rank the project on the Intended Use Plan-Project Priority List.

The Morehead Utility Plant Board's status relative to the Drinking Water State Revolving Fund General Conditions is provided below:

1. Project specific environmental information is expected to be submitted to DOW in April 2019.
2. Plans and specifications are expected to be submitted to DOW in April 2019.
3. Construction bids are expected to be opened in September 2019.

Upon compliance with the general conditions, the DOW will issue a final project certification prior to authorizing the loan agreement. A preconstruction and project management conference with the DOW must be held prior to commencement of construction. If you have any questions concerning this letter, please contact William Averell, Project Manager, at (502) 782-6882.

Sincerely,



Peter T. Goemann, Director
Division of Water

PG/BG: wa

c: Honorable James T. Trent, Mayor
Jocelyn Gross, Gateway ADD
Alan Robinson, P.E., Eclipse Engineers, PLLC



EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY FUND F, FEDERALLY ASSISTED DRINKING WATER REVOLVING LOAN FUND		Reviewer Date KIA Loan Number WRIS Number	Ashley Adams March 7, 2019 F19-002 WX21205048	
BORROWER		CITY OF MOREHEAD ROWAN COUNTY		
BRIEF DESCRIPTION				
This will be the first construction funding increment in a multi-phased funded loan for a major water treatment plant expansion project for the Morehead Utility Plant Board. KIA previously funded the planning and design of the project in FY 2018 with loan F18-004 which will be rolled into the first construction increment. The first phase of the project will include a new raw water intake and raw water transmission line. The second phase of the project will span three funding cycles and will include the construction of a new water treatment plant. The third and final phase will begin in the fifth year and will construct a new ground storage tank and finished raw water line.				
PROJECT FINANCING		PROJECT BUDGET	RD Fee %	Actual %
KIA Fund F Loan 2019	\$5,257,000	Administrative Expenses		\$20,000
KIA P&D Loan (F18-004)	1,297,200	Legal Expenses		10,000
ARC (2020)	500,000	Land, Easements		10,000
CDBG (2021)	1,000,000	Planning		165,450
ARC (2023)	500,000	Eng - Design / Const	6.4%	5.5%
KIA Fund F (2020-2023)	19,873,800	Eng - Insp	4.0%	3.1%
		Eng - Other		165,450
		Construction		24,800,000
		Contingency		1,034,550
TOTAL	\$28,428,000	TOTAL		\$28,428,000
REPAYMENT	Rate Term	0.50% 30 Years	Est. Annual Payment 1st Payment	\$251,926 6 Mo. after first draw
PROFESSIONAL SERVICES	Engineer Bond Counsel	Eclipse Engineers, PLLC Dinsmore & Shohl, LLP		
PROJECT SCHEDULE		Phase 1	Phase 2	Phase 3
	Bid Opening	Jun-19	Feb-20	Feb-22
	Construction Start	Aug-19	Apr-20	Apr-22
	Construction Stop	Aug-20	Jun-22	Apr-23
DEBT PER CUSTOMER	Existing Proposed	\$3,801 \$9,275		
OTHER DEBT	See Attached			
OTHER STATE-FUNDED PROJECTS LAST 5 YRS	See Attached			
RESIDENTIAL RATES		Users	Avg. Bill	
	Current	3,453	\$31.46 (for 4,000 gallons)	
	Additional	0	\$31.46 (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 2016	2,382,274	1,171,067	1,211,207	2.0
Audited 2017	2,306,343	1,170,694	1,135,649	2.0
Audited 2018	2,685,132	1,176,634	1,508,498	2.3
Projected 2019	3,984,006	1,300,087	2,683,919	3.1
Projected 2020	3,746,848	1,284,214	2,462,634	2.9
Projected 2021	3,504,947	1,397,964	2,106,983	2.5
Projected 2022	3,200,308	2,260,825	939,483	1.4
Projected 2023	2,948,635	2,096,061	852,574	1.4

Reviewer: Ashley Adams
Date: March 7, 2019
Loan Number: F19-002

**KENTUCKY INFRASTRUCTURE AUTHORITY
DRINKING WATER STATE REVOLVING FUND (FUND F)
CITY OF MOREHEAD, ROWAN COUNTY
PROJECT REVIEW
WX21205048**

I. PROJECT DESCRIPTION

The Morehead Utility Plant Board is requesting the first increment of a Multi-Phased Fund F loan in the amount of \$5,257,000 for the Regional Water Treatment Plant Construction project. Prior KIA Loan F18-004 (\$1,297,200) which funded the planning and design of this project will be rolled into this increment of the loan for a total of \$6,554,200. KIA plans to fund this major project in annual increments from the 2019 funding cycle through 2023. Each year the Utility will undergo a financial analysis and reapply to KIA for authorization of supplemental funding. Project progress and finances will be reviewed with each supplemental application.

Phase One will be completed in the first year (2019) and will include a new raw water intake and raw water transmission line. Phase Two will begin in the second year and be completed in the fourth year (2020-2022); the second phase will include the construction of the new water treatment plant. The final phase of the project will begin in the fourth year and be completed in the fifth year (2023) and will include the construction of a new ground storage tank and a finished water line.

The new raw water intake will replace the existing intake structure located approximately three miles below the Cave Run Lake Dam on the Licking River. It will be a fixed structure on Cave Run Lake and will include variable intake depths. The new Cave Run Lake raw water intake structure will include a new 1,000 kW standby diesel generator. The intake structure will feature security fencing to encompass the site. Approximately 6,500 LF of 24" DI pipe will be installed to connect the intake structure to the water treatment plant. The relocation of the intake is expected to significantly improve raw water quality with a much better turbidity.

The new 12 million gallons per day (MGD) regional water treatment plant (WTP) will replace the existing 8 MGD WTP. The proposed 12 MGD regional WTP will feature new and improved technologies that have been introduced to the treatment process since the last major expansion of the existing plant in 2002. The plant will employ pre-treatment flocculation using flash mix and a flocculation basin, a membrane pressure filtration system, and a granular activated carbon (GAC) adsorption system for treatment. The new WTP will include all new treatment and administration facilities on a site near the existing WTP, upgraded SCADA/telemetry for the WTP and distribution system sites along with an increased clearwell capacity of 1,800,000 gallons (currently 1,237,000 gallons). Three 1 MG earthen lagoons will be constructed (for a total capacity of 3 MG) for residual sludge containment of the washwater generated from

membrane backwashes, flux maintenance, enhanced flux maintenance, and clean-in-place operations. The site will be secured through the construction of security fencing to surround the facility.

Approximately 4,500 LF of finished waterline will be extended to a new million gallon ground storage tank. The existing US 60 tank will be decommissioned (621,000 gallons) and the new tank will serve as its replacement. The project will increase the net storage volume of the utility by 379,000 gallons once the increased clearwell capacity is obtained and the US 60 tank is decommissioned. Given the demand for potable water in the area, no issues are anticipated with respect to mixing or turnover for the new tank. To reduce the risk of disinfection by-product (DBP) formation, this issue will be taken into consideration during the design phase and site identification of the storage tank.

The Morehead Utility Plant Board currently serves 5,581 sewer customers, 3,453 water customers, and also provides natural gas to customers in Rowan County. In addition, they sell approximately 434 MG of water to the Bath County Water District and approximately 620 MG to Rowan Water, Inc. annually. Both of these systems will contribute to debt service for this project through wholesale rate increases which will be passed on to customers of those systems. Both Bath County Water District and Rowan Water are PSC regulated.

II. PROJECT BUDGET

	2019 KIA Increment + P&D Loan	Estimated Project Total
Administrative Expenses	\$ 20,000	\$ 20,000
Legal Expenses	10,000	10,000
Land, Easements	10,000	10,000
Planning	165,450	165,450
Engineering Fees - Design	1,131,750	1,131,750
Engineering Fees - Construction	55,200	301,800
Engineering Fees - Inspection	148,000	789,000
Engineering Fees - Other	13,800	165,450
Construction	4,800,000	24,800,000
Contingency	200,000	1,034,550
Total	\$ 6,554,200	\$ 28,428,000

III. PROJECT FUNDING

	Amount	%
KIA Fund F Loan 2019	\$ 5,257,000	18%
KIA P&D Loan (F18-004)	1,297,200	5%
ARC (2020)	500,000	2%
CDBG (2021)	1,000,000	4%
ARC (2023)	500,000	2%
KIA Fund F (2020-2023)	19,873,800	70%
Total	\$ 28,428,000	100%

IV. KIA DEBT SERVICE

		Total Project*
Construction Loan (P1 + P&D Loan)	\$ 6,554,200	\$ 28,428,000
Less: Principal Forgiveness	0	0
Amortized Loan Amount	\$ 6,554,200	\$ 28,428,000
Interest Rate	0.50%	0.50%
Loan Term (Years)	30	30
Estimated Annual Debt Service	\$ 235,541	\$ 1,021,628
Administrative Fee (0.25%)	16,386	71,070
Total Estimated Annual Debt Service	\$ 251,926	\$ 1,092,698

*Estimated total debt service if no grant funding is received.

V. PROJECT SCHEDULE

	Phase 1	Phase 2	Phase 3
Bid Opening	June 2019	February 2020	February 2022
Construction Start	August 2019	April 2020	April 2022
Construction Stop	August 2020	June 2022	April 2023

VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

A) Customers

	Current
Residential	2,824
Commercial	623
Industrial	6
Total	3,453

B) Rates

Water	Inside City		Outside City	
	Current	Prior	Current	Prior
Date of Last Rate Increase	08/01/18	08/01/17	08/01/18	08/01/17
Minimum (First 2,000 gallons)	\$17.40	\$14.95	\$20.88	\$17.94
Next 4,000 Gallons (per 1,000)	7.03	6.04	8.43	7.24
Cost for 4,000 gallons	\$31.46	\$27.03	\$37.74	\$32.42
Increase %	16.4%		16.4%	
Affordability Index (Rate/MHI)	1.0%		1.2%	

Water rates will be evaluated and adjusted on an annual basis for the next few years based on pending capital projects in the system. The Utility is exploring the implementation of a CPI clause in the future to keep up with inflation.

Sewer	Inside City		Outside City	
	Current	Prior	Current	Prior
Date of Last Rate Increase	08/01/18	08/01/17	08/01/18	08/01/17
Minimum (First 2,000 gallons)	\$14.60	\$10.50	\$17.53	\$12.61
Next 4,000 Gallons (per 1,000)	7.58	5.45	8.78	6.32
Cost for 4,000 gallons	\$29.76	\$21.40	\$35.09	\$25.25
Increase %	39.1%		39.0%	
Affordability Index (Rate/MHI)	0.9%		1.1%	

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey (ACS) 5-Year Estimate 2012-2016, the Utility's service area population was 34,827 with a Median Household Income (MHI) of \$36,586 according to WRIS. The median household income for the Commonwealth is \$44,811. Morehead's water system has historically qualified for KIA's Disadvantaged Community status and subsequent loan terms, however, as ACS data estimates have become more skewed in recent years, the Utility elected to conduct a Modified Weighted Proximity Analysis (MWPA) to better identify the community's MHI. The MWPA demonstrated that the MHI of the water system service area is actually \$35,387. As a result, the Utility will qualify for Disadvantaged Community status and a 0.50% interest rate for the entirety of the multi-phased funded loan.

Year	City	Population		County	% Change	County Unemployment	
		% Change				Date	Rate
1980	7,789			19,049		June 2005	6.6%
1990	8,357	7.3%		20,353	6.8%	June 2010	10.4%
2000	5,914	-29.2%		22,094	8.6%	June 2015	6.6%
2010	6,845	15.7%		23,333	5.6%	June 2018	6.3%
Current	7,615	11.2%		24,302	4.2%		
Cumulative %		-2.2%			27.6%		

VIII. 2018 CAPITALIZATION GRANT EQUIVALENCIES

- 1) Green Project Reserve - The Drinking Water capitalization grant does not contain a "green" requirement.
- 2) Additional Subsidization – This project was not allocated principal forgiveness in this funding cycle. The project could be eligible for principal forgiveness in other funding cycles.

IX. FINANCIAL ANALYSIS

Financial information was obtained from the audited financial statements for the years ended June 30, 2016 through June 30, 2018. Morehead Plant Utility Board is comprised of water, sewer, and gas operations and has limited segregation in their financial statements. The non-cash impact of GASB 68, Accounting and Financial Reporting for Pensions, has been removed from fiscal 2016-2018 operating expenses and GASB 75, Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions, has been removed from 2018 operating expenses. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

HISTORY

Total revenues including water, sewer, and gas have increased 20% from 2016 to 2018 mostly due to rate increases. Water revenues increased 15% during that period, sewer revenues increased 18%, and gas revenues increased 33%. Historically, water has contributed the majority of cash available for debt service to the operation while also making up for deficits in sewer. Rate increases in the beginning of fiscal year (FY) 2019 will bring water and sewer almost equal in terms of cash flow available for debt service and other capital improvements. Total operating expenses increased 20% from 2016 to 2018. Water, sewer, and gas share administrative expenses which saw a 20% increase during this time period while water saw a 6% increase, sewer an 11% increase, and gas a 42% increase in operating expenses.

The 2018 balance sheet reflects a current ratio of 1.9, a debt to equity ratio of 0.4, 51.8 days sales in accounts receivable, and 1.6 months operating expenses in unrestricted cash. The debt coverage ratio from 2016 to 2018 was 2.0, 2.0, and 2.3, respectively.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Water revenues for both residential and wholesale customers will increase approximately 16% in FY 2019 as a result of a rate increase. Water revenues will continue to increase in the five year forecast according to planned rate increases by the Utility based on their capital improvements plan and updated annually with KIA. Residential water rates are anticipated to increase an average of 16% from FY 2019-2021 while wholesale rates will be adjusted based on the wholesale customer's responsibility for debt service coverage for plant expansion projects. Only the currently known 2019 increase is factored into this analysis.
- 2) Sewer revenues will increase approximately 39% due to a rate increase in FY 2019 and remain flat thereafter.
- 3) Expenses will increase 2% annually for inflation.
- 4) Debt coverage is 1.4 in 2022 when full principal and interest payments for loan A19-032 and the first four increments of F19-002 go into repayment.
- 5) Debt coverage is 1.2 in 2024 when full principal and interest payments for the final two increments of F19-002 go into repayment.

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

REPLACEMENT RESERVE

The replacement reserve for this loan increment will be 5% (\$262,000 total) of the final amount borrowed (prior to principal forgiveness, if any) to be funded annually (\$13,100 yearly) each December 1 for 20 years and maintained for the life of the loan.

X. DEBT OBLIGATIONS

	Outstanding	Maturity
Bond Series 1966	\$ 15,000	2019
RD Series 2001A	3,427,000	2042
RD Series 2004	1,258,000	2044
KIA Loan (F00-05)	1,414,667	2023
KIA Loan (A04-02)	3,048,765	2026
KIA Loan (A10-16)	1,462,043	2033
KIA Loan (A209-36)	248,751	2031
KIA Loan (A209-37)	431,449	2032
KIA Loan (A16-065 i/a/o \$1,800,000)	1,482,651	2038
KIA Loan (F18-004 P&D i/a/o \$1,297,200)	0	TBD
KIA Loan (F19-002 i/a/o \$26,428,000)	0	TBD
Total	\$ 12,788,326	

XI. CONTACTS

Legal Applicant

Entity Name	City of Morehead
Authorized Official	Laura White-Brown (Mayor)
County	Rowan
Email	mayor.whitebrown@morehead-ky.gov
Phone	606-784-8505
Address	314 Bridge Street Morehead, KY 40351

Applicant Contact

Name	Holly McGrath- Rosas
Organization	Morehead Utility Plant Board
Email	hrosas@mupb.com
Phone	606-784-8313
Address	135 S Wilson Ave Morehead, KY 40351

Project Administrator

Name	Jocelyn R. Gross
Organization	Gateway ADD
Email	jocelynr.gross@ky.gov
Phone	606-780-0090
Address	110 Lake Park Dr. Morehead, KY 40351

Consulting Engineer

PE Name	Alan Ray Robinson
Firm Name	Eclipse Engineers, PLLC
Email	arobinson@eclipseengineers.net
Phone	859-433-9585
Address	113 W Mount Vernon St Somerset, KY 42501

XII. RECOMMENDATIONS

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

CITY OF MOREHEAD
FINANCIAL SUMMARY (JUNE YEAR END)

	Audited 2016	Audited 2017	Audited 2018	Projected 2019	Projected 2020	Projected 2021	Projected 2022	Projected 2023	Projected 2024
Balance Sheet									
Assets									
Current Assets	2,293,408	3,010,960	2,910,114	3,479,774	3,726,037	3,936,736	4,030,684	4,115,941	4,376,717
Other Assets	41,790,087	40,104,332	42,181,210	45,382,497	51,805,677	57,488,985	60,509,254	59,066,577	52,909,209
Total	44,083,495	43,115,292	45,091,324	48,862,271	55,531,714	61,425,721	64,539,938	63,182,518	57,285,926
Liabilities & Equity									
Current Liabilities	1,408,302	1,393,732	1,819,172	1,829,761	1,855,229	1,880,554	1,743,395	1,601,149	860,569
Long Term Liabilities	15,194,771	16,084,456	18,298,424	18,298,108	25,231,198	31,314,313	37,019,337	38,580,857	38,580,857
Total Liabilities	16,603,073	17,478,188	20,117,596	20,127,869	27,086,427	33,194,867	38,762,732	40,182,006	39,441,426
Net Assets	27,480,422	25,637,104	24,973,728	28,734,402	28,445,287	28,230,854	25,777,206	23,000,512	17,844,500
Cash Flow									
Revenues	9,403,121	9,990,829	11,271,041	13,394,448	13,394,448	13,394,448	13,394,448	13,394,448	13,394,448
Operating Expenses	7,150,384	7,657,223	8,591,321	9,415,854	9,653,012	9,894,913	10,199,552	10,451,225	6,094,886
Other Income	129,537	(27,263)	5,412	5,412	5,412	5,412	5,412	5,412	5,412
Cash Flow Before Debt Service	2,382,274	2,306,343	2,685,132	3,984,006	3,746,848	3,504,947	3,200,308	2,948,635	7,304,974
Debt Service									
Existing Debt Service*	1,171,067	1,170,694	1,176,634	1,300,087	1,284,214	1,397,964	2,008,899	1,844,135	2,021,704
Proposed KIA Loan (Phase 1)	0	0	0	0	0	0	251,926	251,926	251,926
Proposed KIA Loan (Phase 2)	0	0	0	0	0	0	497,862	497,862	497,862
Proposed KIA Loan (Phase 3)	0	0	0	0	0	0	0	0	342,909
Total Debt Service	1,171,067	1,170,694	1,176,634	1,300,087	1,284,214	1,397,964	2,260,825	2,096,061	2,273,630
Cash Flow After Debt Service	1,211,207	1,135,649	1,508,498	2,683,919	2,462,634	2,106,983	939,483	852,574	5,031,344
Ratios									
Current Ratio	1.6	2.2	1.6	1.9	2.0	2.1	2.3	2.6	5.1
Debt to Equity	0.6	0.7	0.8	0.7	1.0	1.2	1.5	1.7	2.2
Days Sales in Accounts Receivable	45.7	51.0	51.8	51.8	51.8	51.8	51.8	51.8	51.8
Months Operating Expenses in Unrestricted Cash	1.6	3.3	1.6	2.3	2.8	3.3	3.5	3.6	4.7
Debt Coverage Ratio	2.0	2.0	2.3	3.1	2.9	2.5	1.4	1.4	1.2

* Existing debt service includes pending loan A19-032 starting in 2022

Page Left Blank
for 2 Sided Printing

**A
T
T
A
C
H
M
E
N
T**

I.B.4.

Page Left Blank
for 2 Sided Printing

**A RESOLUTION OF THE KENTUCKY INFRASTRUCTURE AUTHORITY
AUTHORIZING AND APPROVING THE ISSUANCE OF OBLIGATIONS OF
THE KENTUCKY INFRASTRUCTURE AUTHORITY TO REIMBURSE
CAPITAL EXPENDITURES MADE BY GOVERNMENTAL AGENCIES
PURSUANT TO LOANS MADE BY THE KENTUCKY INFRASTRUCTURE
AUTHORITY TO SUCH GOVERNMENTAL AGENCIES**

WHEREAS, the Board of Directors of the Kentucky Infrastructure Authority (the "Authority") has heretofore approved the undertaking of the projects described in further detail in Exhibit A (collectively, the "Project"); and

WHEREAS, the Authority anticipates making loans to governmental agencies pursuant to the provisions of Chapter 224A of the Kentucky Revised Statutes (the "Act") for the Project and the governmental agencies may be expected to pay and/or incur costs with respect to the Project ("Prior Capital Expenditures") on or after the date of this resolution and prior to the issuance of the obligations (the "Obligations") which will finance the Project.

NOW, THEREFORE BE IT RESOLVED by the Board of Directors of the Kentucky Infrastructure Authority as follows:

Section 1. The Board of Directors hereby approves the use of the Obligations to finance the costs of the Project in the maximum principal amount set forth in Exhibit A plus costs of issuance related thereto and amounts required to fund a debt service reserve, if any, and declares its intent that any Prior Capital Expenditures made by the governmental agencies pursuant to loans made by the Authority will be made in anticipation of the issuance of such Obligations to reimburse said Prior Capital Expenditures. This declaration is made pursuant to Treas. Reg. §1.150-2.

Section 2. The Executive Director and Treasurer of the Authority are hereby authorized and directed to reimburse, not later than eighteen months after the later of (i) the date of the expenditure or (ii) the date the item was placed in service, but in any event not later than three years after the original expenditure, only those Prior Capital Expenditures made with respect to assets having a reasonably expected economic life of at least one year, and in addition, eligible preliminary expenditures paid and incurred prior to commencement of the Project.

Section 3. The Authority finds and determines that, consistent with the Authority's budgetary and financial circumstances, it does not have funds currently available and does not expect to have funds available in the future that may be allocated on a long-term basis, other than the proceeds of the Obligations, to finance the Prior Capital Expenditures.

Section 4. The Authority hereby directs the Executive Director, Secretary, and Treasurer to take the following action at the time the Prior Capital Expenditures are reimbursed from proceeds of the Obligations: (i) evidence the reimbursement on the books and records maintained with respect to the Obligations, and (ii) identify either the actual prior expenditure to be reimbursed or, in the case of reimbursement of a fund or account, the fund or account from which the expenditure was paid.

Section 5. The books, records and proceedings of the Authority with respect to this resolution shall be made reasonably available by the Authority for its inspection by the general public at the Authority's administrative office every business day during normal business hours commencing no later than 30 days after the passage of this resolution. Said books, record and proceedings of the Authority with respect to this resolution will continue to be reasonably available to the general public until the date of issuance of the Obligations.

Section 6. This Resolution shall be in full force and effect from and after its adoption. Passed and adopted this 7th day of March, 2019.

DONNA MCNEIL, EXECUTIVE DIRECTOR
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

MARGARET F. LINK, SECRETARY
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

GREG B. LADD, GENERAL COUNSEL
DEPARTMENT FOR LOCAL GOVERNMENT

EXHIBIT A

<u>APPLICANT</u>	<u>LOAN #</u>	<u>AMOUNT</u>	<u>LOAN TOTAL</u>
City of Morehead	A19-032	\$ 3,650,000	\$ 3,650,000
Lincoln County Sanitary District (P&D)	A19-048	\$ 388,400	\$ 388,400
City of Morehead	F19-002	\$ 5,257,000	\$ 6,554,200

Page Left Blank
for 2 Sided Printing

FUNDS A, A2, B, B1, B2, C, F, F2

Kentucky Infrastructure Authority
Funds Availability
February 28, 2019

Description	Fund A (Clean Water SRF)		Fund F (Drinking Water SRF)		Fund B (Infrastructure Revolving Fund)		Fund C (Governmental Agencies Program)	
Funds Availability								
Funds Available to Commit (1)		\$0		\$2,000,000		\$0		\$1,700,000

(1) Net of pending applications. Funds A (projected \$72M 2019 commitments) and F (projected \$50M 2019 commitments) assume all funds available will be committed during the year. Fund B has pending commitments to consume current lending capacity.

KENTUCKY INFRASTRUCTURE AUTHORITY FEDERALLY ASSISTED WASTEWATER REVOLVING LOAN FUND ---- (FUND A)
--

AVAILABLE FUNDS FFY 1989:

FEDERAL TITLE VI GRANT FUNDS	\$33,237,382
UNUSED TITLE II GRANT FUNDS	\$5,873,998
BOND PROCEEDS (20%)	\$7,822,276
ADMINISTRATION (4%)	(\$1,564,455)
NET 89 SRF FUNDS	\$45,369,201

AVAILABLE FUNDS FFY 1990:

FEDERAL TITLE VI GRANT FUNDS	\$17,798,449
BOND PROCEEDS (20%)	\$3,559,690
ADMINISTRATION (4%)	(\$711,938)
NET 90 SRF FUNDS	\$20,646,201

AVAILABLE FUNDS FFY 1991:

FEDERAL TITLE VI GRANT FUNDS	\$31,258,282
BOND PROCEEDS (20%)	\$6,251,656
ADMINISTRATION (4%)	(\$1,250,331)
NET 91 SRF FUNDS	\$36,259,607

AVAILABLE FUNDS FFY 1992:

FEDERAL TITLE VI GRANT FUNDS	\$25,429,111
BOND PROCEEDS (20%)	\$5,085,822
ADMINISTRATION (4%)	(\$1,017,164)
NET 92 SRF FUNDS	\$29,497,769

AVAILABLE FUNDS FFY 1993:

FEDERAL TITLE VI GRANT FUNDS	\$24,462,603
BOND PROCEEDS (20%)	\$4,892,521
ADMINISTRATION (4%)	(\$978,504)
NET 93 SRF FUNDS	\$28,376,620

AVAILABLE FUNDS FFY 1994:

FEDERAL TITLE VI GRANT FUNDS	\$15,178,779
BOND PROCEEDS (20%)	\$3,035,756
ADMINISTRATION (4%)	(\$607,151)
NET 94 SRF FUNDS	\$17,607,384

AVAILABLE FUNDS FFY 1995:

FEDERAL TITLE VI GRANT FUNDS	\$15,676,353
BOND PROCEEDS (20%)	\$3,135,271
ADMINISTRATION (4%)	(\$627,054)
NET 95 SRF FUNDS	\$18,184,570

AVAILABLE FUNDS FFY 1996:

FEDERAL TITLE VI GRANT FUNDS	\$25,678,432
BOND PROCEEDS (20%)	\$5,135,686
ADMINISTRATION (4%)	(\$1,027,137)
NET 96 SRF FUNDS	\$29,786,981

ADDITIONAL FUNDS FFY 1997:

FEDERAL TITLE VI GRANT FUNDS	\$7,912,200
BOND PROCEEDS (20%)	\$1,582,440
ADMINISTRATION (4%)	(\$316,488)
NET ADD'L 97 SRF FUNDS	\$9,178,152

AVAILABLE FUNDS FFY 1998:

FEDERAL TITLE VI GRANT FUNDS	\$17,138,187
BOND PROCEEDS (20%)	\$3,427,637
ADMINISTRATION (4%)	(\$685,527)
NET 98 SRF FUNDS	\$19,880,297

AVAILABLE FUNDS FFY 1999:

FEDERAL TITLE VI GRANT FUNDS	\$17,139,573
BOND PROCEEDS (20%)	\$3,427,914
ADMINISTRATION (4%)	(\$685,582)
NET 98 SRF FUNDS	\$19,881,905

AVAILABLE FUNDS FFY 2000:

FEDERAL TITLE VI GRANT FUNDS	\$17,081,460
BOND PROCEEDS (20%)	\$3,416,292
ADMINISTRATION (4%)	(\$683,258)
NET 00 SRF FUNDS	\$19,814,494

AVAILABLE FUNDS FFY 2001:

FEDERAL TITLE VI GRANT FUNDS	\$16,929,594
BOND PROCEEDS (20%)	\$3,385,919
ADMINISTRATION (4%)	(\$677,184)
NET 01 SRF FUNDS	\$19,638,329

AVAILABLE FUNDS FFY2005:

FEDERAL TITLE VI GRANT FUNDS	\$13,714,668
BOND PROCEEDS (20%)	\$2,742,934
ADMINISTRATION (4%)	(\$548,586)
NET 05 SRF FUNDS	\$15,909,016

AVAILABLE FUNDS FFY2006:

FEDERAL TITLE VI GRANT FUNDS	\$11,145,123
BOND PROCEEDS (20%)	\$2,229,025
ADMINISTRATION (4%)	(\$445,804)
NET 06 SRF FUNDS	\$12,928,344

AVAILABLE FUNDS FFY2007:

FEDERAL TITLE VI GRANT FUNDS	\$13,621,905
BOND PROCEEDS (20%)	\$2,724,381
ADMINISTRATION (4%)	(\$544,876)
NET 07 SRF FUNDS	\$15,801,410

AVAILABLE FUNDS FFY2008:

FEDERAL TITLE VI GRANT FUNDS	\$8,648,100
BOND PROCEEDS (20%)	\$1,729,620
ADMINISTRATION (4%)	(\$345,924)
NET 08 SRF FUNDS	\$10,031,796

AVAILABLE FUNDS FFY2009:

FEDERAL TITLE VI GRANT FUNDS	\$8,648,100
BOND PROCEEDS (20%)	\$1,729,620
ADMINISTRATION (4%)	(\$345,924)
NET 09 SRF FUNDS	\$10,031,796

AVAILABLE FUNDS FFY2010:

FEDERAL TITLE VI GRANT FUNDS	\$25,932,000
BOND PROCEEDS (20%)	\$5,186,400
ADMINISTRATION (4%)	(\$1,037,280)
NET 10 SRF FUNDS	\$30,081,120

AVAILABLE FUNDS FFY2011:

FEDERAL TITLE VI GRANT FUNDS	\$18,794,000
BOND PROCEEDS (20%)	\$3,758,800
ADMINISTRATION (4%)	(\$751,760)
NET 11 SRF FUNDS	\$21,801,040

AVAILABLE FUNDS FFY2012:

FEDERAL TITLE VI GRANT FUNDS	\$17,987,000
BOND PROCEEDS (20%)	\$3,597,400
ADMINISTRATION (4%)	(\$719,480)
NET 12 SRF FUNDS	\$20,864,920

AVAILABLE FUNDS FFY2013:

FEDERAL TITLE VI GRANT FUNDS	\$16,992,000
BOND PROCEEDS (20%)	\$3,398,400
ADMINISTRATION (4%)	(\$679,680)
NET 13 SRF FUNDS	\$19,710,720

AVAILABLE FUNDS FFY2014:

FEDERAL TITLE VI GRANT FUNDS	\$17,845,000
BOND PROCEEDS (20%)	\$3,569,000
ADMINISTRATION (4%)	(\$713,800)
NET 14 SRF FUNDS	\$20,700,200

AVAILABLE FUNDS FFY2015:

FEDERAL TITLE VI GRANT FUNDS	\$17,754,000
BOND PROCEEDS (20%)	\$3,550,800
ADMINISTRATION (4%)	(\$710,160)
NET 15 SRF FUNDS	\$20,594,640

AVAILABLE FUNDS FFY2016:

FEDERAL TITLE VI GRANT FUNDS	\$17,005,000
BOND PROCEEDS (20%)	\$3,401,000
ADMINISTRATION (4%)	(\$680,200)
NET 16 SRF FUNDS	\$19,725,800

AVAILABLE FUNDS FFY2017:

FEDERAL TITLE VI GRANT FUNDS	\$16,874,000
BOND PROCEEDS (20%)	\$3,374,800
ADMINISTRATION (4%)	(\$674,960)
NET 17 SRF FUNDS	\$19,573,840

AVAILABLE FUNDS FFY 2002:

FEDERAL TITLE VI GRANT FUNDS	\$16,967,313
BOND PROCEEDS (20%)	\$3,393,463
ADMINISTRATION (4%)	(\$678,692)
NET 02 SRF FUNDS	<u>\$19,682,084</u>

AVAILABLE FUNDS FFY2003:

FEDERAL TITLE VI GRANT FUNDS	\$16,857,027
BOND PROCEEDS (20%)	\$3,371,405
ADMINISTRATION (4%)	(\$674,281)
NET 03 SRF FUNDS	<u>\$19,554,151</u>

AVAILABLE FUNDS FFY2004:

FEDERAL TITLE VI GRANT FUNDS	\$16,867,224
BOND PROCEEDS (20%)	\$3,373,445
ADMINISTRATION (4%)	(\$674,688)
NET 04 SRF FUNDS	<u>\$19,565,981</u>

AVAILABLE FUNDS FFY2018:

FEDERAL TITLE VI GRANT FUNDS	\$20,428,000
BOND PROCEEDS (20%)	\$4,085,600
ADMINISTRATION (4%)	(\$817,120)
NET 18 SRF FUNDS	<u>\$23,696,480</u>

AVAILABLE FUNDS FFY2019:

FEDERAL TITLE VI GRANT FUNDS	
BOND PROCEEDS (20%)	
ADMINISTRATION (4%)	
NET 19 SRF FUNDS	<u>\$0</u>

ACCUMULATED SRF FUNDS**\$634,374,848****CURRENT REVOLV/SURPL FUND BAL****\$147,116,213****LEVERAGE FUND BALANCE****\$0**

	TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT	DATE APPROVED	
PROJECTS APPROVED IN SFY 1989:				
1 PIKEVILLE, CITY OF (1)	\$3,047,285	\$3,199,217 (c)	05-03-89	(AMD. 11-19-90 & 9-16-91)
2 MANCHESTER, CITY OF	\$4,451,803	\$2,209,119 (c)	5-03-89	
3 JENKINS, CITY OF	\$2,724,307	\$1,654,780 (c)	5-03-89	
TOTALS	<u>\$10,223,395</u>	<u>\$7,063,116</u>		
4 MT. WASHINGTON, CITY OF	\$1,957,322	\$908,187 (c)	8-07-89	
5 MAYFIELD, CITY OF	\$4,067,194	\$3,425,343 (c)	8-07-89	(AMD. 8-16-90)
6 DANVILLE, CITY OF	\$634,900	\$418,055 (c)	8-07-89; 70/7/04	Assumed from Perryville
7 JACKSON, CITY OF (1)	\$3,241,350	\$1,606,068 (c)	9-27-89	(AMD. 11-12-92)
8 SOUTH SHORE, CITY OF	\$2,982,085	\$2,031,315 (c)	12-13-89	(AMD. 6-20-91)
TOTALS	<u>\$12,882,851</u>	<u>\$8,388,968</u>		
PROJECTS APPROVED IN SFY 1991:				
9 LEWISBURG, CITY OF	\$751,974	\$667,388 (c)	8-16-90	
10 PROVIDENCE, CITY OF (1)	\$3,803,625	\$2,828,680 (c)	8-16-90	
11 PROVIDENCE, CITY OF (2)	\$820,069	\$820,069 (c)	8-16-90	
12 CAMPTON, CITY OF	\$669,615	\$367,641 (c)	8-16-90	(AMD. 11-19-90)
13 BOWLING GREEN, CITY OF (1)	\$9,459,163	\$6,570,011 (c)	11-19-90	
14 BOWLING GREEN, CITY OF (2)	\$2,616,756	\$2,616,756 (c)	11-19-90	
15 ELIZABETHTOWN, CITY OF	\$9,851,000	\$9,226,158 (c)	1-31-91	
16 PINEVILLE, CITY OF (1)	\$3,169,900	\$2,293,544 (c)	3-28-91	(AMD. 11-12-92 & 12-1-93)
17 BUTLER, CITY OF	\$373,850	\$187,950 (c)	3-28-91	
18 LONDON, CITY OF	\$7,148,495	\$6,305,753 (c)	6-20-91	
TOTALS	<u>\$38,664,447</u>	<u>\$31,883,950</u>		
PROJECTS APPROVED IN SFY 1992:				
19 BOYD COUNTY FISCAL COURT	\$3,789,000	\$2,237,342 (c)	7-24-91	
20 WILLIAMSBURG, CITY OF	\$1,024,110	\$931,344 (c)	9-16-91	
21 GREENUP, CITY OF	\$453,800	\$442,739 (c)	9-16-91	(AMD. 1-23-93)
22 GEORGETOWN, CITY OF	\$6,009,300	\$6,119,705 (c)	9-16-91	
23 STANFORD, CITY OF	\$1,177,312	\$685,289 (c)	9-16-91	
24 HICKMAN, CITY OF	\$2,641,171	\$1,779,494 (c)	9-18-91	(AMD. 11-12-92)
25 BRANDENBURG, CITY OF	\$2,091,294	\$1,802,290 (c)	11-01-91	(AMD. 5-13-92)
26 MIDDLESBORO, CITY OF	\$832,085	\$175,785 (c)	11-01-91	
27 CAMPBELL/KENTON S.D. (MELBOURNE)	\$1,196,365	\$773,156 (c)	11-01-91	(AMD. 9-10-92)
28 MURRAY, CITY OF	\$5,121,690	\$5,161,272 (c)	11-01-91	
29 CUMBERLAND, CITY OF	\$1,366,700	\$680,417 (c)	12-04-91	
30 WHEELWRIGHT, CITY OF	\$971,000	\$361,675 (c)	12-04-91	
31 EMINENCE, CITY OF	\$4,071,300	\$1,328,600 (c)	2-25-92	(REAP. 2-16-94)
32 PADUCAH-MCCRACKEN JOINT SEWER AGENCY	\$1,889,950	\$1,495,501 (c)	5-13-92	(ASSUMED FROM REIDLAND)
33 FLEMINGSBURG, CITY OF	\$1,128,194	\$1,142,183 (c)	5-13-92	
34 WEBSTER COUNTY FISCAL COURT	\$3,211,937	\$2,378,237 (c)	5-13-92	(REAP. 9-27-94)
TOTALS	<u>\$36,975,208</u>	<u>\$27,495,029</u>		
PROJECTS APPROVED IN SFY 1993:				
35 FRANKLIN, CITY OF (1)	\$497,979	\$497,979 (c)	9-10-92	AMD.
36 CORINTH, CITY OF	\$1,089,866	\$200,766 (c)	11-12-92	
37 PLEASUREVILLE, CITY OF	\$2,976,200	\$785,200 (c)	11-12-92	(AMD. 3-31-95)
38 HOPKINSVILLE, CITY OF (1)	\$9,845,968	\$9,693,741 (c)	12-17-92	(AMD. 9-1-94)
39 MARTIN, CITY OF	\$2,295,847	\$579,212 (c)	12-17-92	
40 OLIVE HILL, CITY OF	\$3,245,120	\$2,426,003 (c)	01-29-93	(AMD 10/6/05)
41 NICHOLASVILLE PUBLIC UTILITIES	\$16,340,413	\$15,740,449 (c)	05-05-93	(REAP. 3-31-95)(AMD.12-18-98)
TOTALS	<u>\$36,291,393</u>	<u>\$29,923,350</u>		

	TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT	DATE APPROVED	
PROJECTS APPROVED IN SFY 1994:				
42 PINEVILLE, CITY OF (2)	\$940,000	\$418,542 (c)	07-07-93	(REAP. 3-31-95)
43 IRVINE, CITY OF	\$2,883,563	\$1,658,248 (c)	08-31-93	(REAP. 3-31-95 & AMD. 8-29-96)
44 BENHAM, CITY OF	\$1,916,066	\$853,191 (c)	08-31-93	(REAP. 3-31-95)
45 PRINCETON, CITY OF (Part 1)	\$3,722,362	\$2,365,520 (c)	12-01-93	(REAP. 5-30-95)
46 PRINCETON, CITY OF (Part 2)	\$1,045,618	\$597,712 (c)	12-01-93	(REAP. 5-30-95)
47 HOPKINSVILLE, CITY OF	\$885,720	\$646,748 (c)	02-16-94; 4-7-11	(REAP. 8-30-95) Assumed from Crofton (AMD.5-30-95)(AMD.7-13-98)
48 LEDBETTER SANITATION DISTRICT #1	\$4,767,980	\$3,624,359 (c)	05-11-94	
49 HAZARD, CITY OF	\$7,746,540	\$6,511,067 (c)	05-11-94	
50 SHELBY COUNTY SANITATION DISTRICT #1	\$2,100,000	\$1,402,737 (c)	05-11-94	(Assumed from Shelby Co SD #1)
51 LAGRANGE, CITY OF	\$898,515	\$832,777 (c)	06-29-94	(AMD. 7-17-95)
52 MADISONVILLE, CITY OF	\$15,713,000	\$15,552,994 (c)	06-29-94	
53 DAWSON SPRINGS, CITY OF	\$846,480	\$816,170 (c)	06-29-94	
54 CATLETTSBURG, CITY OF	\$5,678,656	\$3,200,000 (s)	06-29-94	(REAP. 12-5-95)(AMD.12-4-96)
TOTALS	\$49,144,500	\$38,480,065		
PROJECTS APPROVED IN SFY 1995:				
55 HOPKINSVILLE, CITY OF	\$401,000	\$240,264 (c)	08-30-94; 4-7-11	Assumed from Pembroke
56 MT. STERLING, CITY OF	\$1,110,540	\$1,055,969 (c)	08-30-94	
57 WEST LIBERTY, CITY OF	\$737,972	\$329,764 (c)	08-30-94	(AMD. 2-26-96)
58 MT. VERNON, CITY OF	\$998,650	\$652,162 (c)	08-30-94	(REAP. 2-26-96) (REAP.3-6-97)
59 WORTHINGTON, CITY OF	\$790,000	\$388,332 (c)	08-30-94	
60 SOMERSET, CITY OF	\$2,759,200	\$2,631,067 (c)	08-30-94	
61 PERRY COUNTY S.D. #1	\$845,790	\$601,673 (c)	08-30-94	(AMD. 6/1/97)
62 BOYD COUNTY (PHASE II)	\$6,990,000	\$6,270,000 (s)	09-27-94	(AMD. 2-2-95)(AMD 12-10-99)
63 FRANKLIN, CITY OF (2)	\$2,600,080	\$2,572,240 (c)	09-27-94	
64 BRODHEAD, CITY OF	\$899,411	\$502,650 (c)	11-29-94	
65 NEWPORT, CITY OF	\$1,759,645	\$1,596,327 (c)	11-29-94	(AMD. 8-29-96)
66 PIKEVILLE, CITY OF (2)	\$3,466,413	\$2,134,015 (c)	11-29-94	(AMD. 8-30-95) (AMD.6-19-97)(ASSUMED FROM REIDLAND)
67 PADUCAH-MCCRACKEN JOINT SEWER AGENCY	\$3,798,069	\$3,516,117 (c)	11-29-94	
68 HOPKINSVILLE, CITY OF (2)	\$3,715,533	\$3,191,098 (c)	02-02-95	
69 JENKINS, CITY OF (2)	\$719,755	\$719,755 (c)	02-02-95	
70 RUSSELL, CITY OF	\$244,730	\$71,666 (c)	02-02-95	
71 LEBANON, CITY OF	\$6,491,336	\$5,805,838 (c)	03-31-95	
72 REGIONAL WATER RESOURCE AGENCY (O'BORO)	\$11,885,276	\$7,160,493 (c)	03-31-95	
73 MOREHEAD, CITY OF (RCSD)	\$3,347,424	\$3,130,152 (c)	03-31-95	(Assumed from RCSD)
74 GREENUP CO. ENVIRONMENTAL COMMISSION	\$3,798,920	\$3,370,168 (c)	5-30-95	(AMD. 3/16/99)
75 BOYD / GREENUP SANITATION DISTRICT #1	\$391,116	\$371,573 (c)	5-30-95	
76 PIKEVILLE, CITY OF	\$1,953,260	\$462,584 (c)	5-30-95; 3/2/06	Assumed from Mtn WD
TOTALS	\$59,704,120	\$46,773,907		
PROJECTS APPROVED IN SFY 1996:				
NONE	\$0	\$0		
TOTALS	\$0	\$0		
PROJECTS APPROVED IN SFY 1997:				
77 HARLAN, CITY OF	\$6,053,575	\$2,546,299 (c)	7-18-96	(REAP. 4-27-98)
78 HAWESVILLE, CITY OF	\$871,000	\$435,000 (c)	7-18-96	
79 EMINENCE, CITY OF	\$1,381,339	\$945,408 (c)	7-18-96	
80 SCOTTSVILLE, CITY OF	\$4,608,815	\$3,959,472 (c)	7-18-96	
81 ELKHORN CITY, CITY OF	\$926,726	\$926,726 (c)	7-18-96	(AMD 4-1-98)
82 GRAYSON, CITY OF	\$3,635,970	\$3,424,567 (s)	7-18-96	(AMD. 9-1-98)
83 MOREHEAD, CITY OF	\$2,357,176	\$781,381 (c)	7-18-96	
84 JACKSON, CITY OF	\$719,287	\$681,983 (c)	8-29-96	
85 LAWRENCE, COUNTY OF	\$1,566,000	\$868,219 (c)	3-6-97	(AMD 11/1/01)
86 GREENUP CO. ENVIRONMENTAL COMMISSION	\$2,368,793	\$2,331,195 (c)	3-6-97	
87 HARDIN CO WATER DISTRICT 1	\$4,846,450	\$4,809,652 (c)	6-19-97; 3/6/08	Assumed from Radcliff
88 WARREN COUNTY WATER DISTRICT (1)	\$1,082,400	\$980,781 (c)	6-19-97	
TOTALS	\$30,417,531	\$22,690,683		
PROJECTS APPROVED IN SFY 1998:				
89 CRESTWOOD, CITY OF	\$351,516	\$351,516 (c)	8-14-97; 3/2/06	(A1) Assump. fell through
90 PARIS, CITY OF	\$723,734	\$402,667 (c)	11-10-97	(A1)
91 LEWISPORT, CITY OF	\$2,279,000	\$1,074,308 (c)	11-10-97	
92 MAYSVILLE, CITY OF	\$12,538,828	\$11,722,252 (c)	2-26-98	
93 WARREN COUNTY WATER DISTRICT (2)	\$265,000	\$253,057 (c)	2-26-98	
94 PRESTONSBURG, CITY OF	\$4,392,500	\$919,183 (s)	2-26-98	
95 CRESTWOOD, CITY OF	\$10,358,404	\$6,146,750 (+)	4-27-98; 3/2/06	Assump. fell through
TOTALS	\$30,908,982	\$20,869,733		

		TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT	DATE APPROVED	
PROJECTS APPROVED IN SFY 1999:					
96	PARIS, CITY OF	\$7,528,385	\$5,943,287 (c)	9-1-98	
97	MIDWAY, CITY OF	\$282,250	\$141,125 (c)	10-13-98	(A1)
98	MAYFIELD, CITY OF	\$1,401,962	\$1,160,472 (c)	10-13-98	
99	GREENUP JOINT SEWER AGENCY	\$125,900	\$103,950 (c)	12/18/98; 6/26/14	(A1) Assumed from Wurtland
100	DANVILLE, CITY OF	\$7,712,132	\$7,615,106 (c)	12-18-98	(AMD 01/8/04)
101	LEWIS COUNTY SANITATION DIST NO. 1	\$2,924,800	\$620,001 (c)	04-27-99	AMD 10/7/99
TOTALS		\$19,975,429	\$15,583,941		
PROJECTS APPROVED IN SFY 2000:					
102	MOREHEAD, CITY OF	\$1,100,372	\$279,000 (c)	09-01-99	
103	HOPKINSVILLE, CITY OF	\$889,478	\$834,891 (c)	09-01-99	AMD 6/8/00
104	RWRA-OWENSBORO	\$26,264,248	\$25,963,257 (c)	12/10/99	AMD 6/2/05
105	SOUTH SHORE, CITY OF	\$502,790	\$188,849 (c)	12/10/99	
106	MOREHEAD, CITY OF	\$592,695	\$257,300 (c)	4/4/00	
107	MIDWAY, CITY OF	\$4,337,596	\$702,589 (c)	6/6/2000	
TOTALS		\$33,687,179	\$28,225,886		
PROJECTS APPROVED IN SFY 2001:					
108	PIKEVILLE, CITY OF	\$1,205,484	\$1,116,574 (c)	07/18/2000; 5/16/01	
109	GREENUP JOINT SEWER AGENCY	\$1,717,540	\$1,561,400 (c)	9/6/01; 3/2/06	Assumed from Mtn WD
110	LEITCHFIELD, CITY OF	\$6,146,196	\$5,355,560 (c)	7/18/00; 6/26/14	Assumed from Wurtland
111	CLOVERPORT, CITY OF	\$57,500	\$57,500 (c)	8/29/00	
112	WHITE PLAINS, CITY OF	\$2,250,400	\$669,700 (c)	11/22/00	(A1)
113	MANCHESTER, CITY OF	\$5,060,376	\$1,053,589 (c)	12/21/00	
114	ARLINGTON, CITY OF	\$677,333	\$167,567 (c)	1/25/01	
TOTALS		\$17,114,829	\$9,981,890		
PROJECTS APPROVED IN SFY2002:					
115	CARROLLTON, CITY OF	\$6,997,101	\$2,518,301 (c)	8/9/01	AMD 9/6/01
116	MT. STERLING WAT & SEW COMMISSION	\$13,908,185	\$11,936,783 (c)	2/7/02	
117	SHEPHERDSVILLE, CITY OF	\$9,976,728	\$7,581,466 (c)	2/7/02	
118	MARION, CITY OF	\$312,715	\$312,715 (c)	3/7/02	(A1) AMD 1/9/03
119	GREENVILLE, CITY OF	\$2,242,571	\$2,223,347 (c)	3/7/02	
120	LEBANON JUNCTION, CITY OF	\$2,898,419	\$1,813,385 (c)	4/4/02	AMD 7/1/05
121	HARRODSBURG, CITY OF	\$4,418,916	\$3,314,760 (c)	5/2/02	
122	GREENUP JOINT SEWER AGENCY	\$1,782,900	\$1,782,872 (c)	6/6/02; 6/26/14	Assumed from Wurtland
TOTALS		\$42,537,535	\$31,483,629		
PROJECTS APPROVED IN SFY 2003					
123	SALYERSVILLE, CITY OF	\$7,662,832	\$2,035,486 (c)	8/15/02	AMD 9/19/03
124	LONDON, CITY OF	\$15,262,069	\$9,864,503 (c)	10/3/02	
125	Paducah McCracken Joint Sewer Agency	\$1,497,900	\$1,382,413 (c)	2/6/03	
126	Boyd & Greenup Co Sanitation Dist #1	\$849,503	\$694,844 (c)	5/1/03	
TOTALS		\$25,272,304	\$13,977,246		
PROJECTS APPROVED IN SFY 2004					
127	HOPKINSVILLE, CITY OF	\$4,979,920	\$4,682,517 (c)	8/7/03	
128	MOUNTAIN WATER DISTRICT	\$729,158	\$184,695 (c)	9/4/03	
129	BENTON, CITY OF	\$1,823,194	\$293,902 (c)	12/4/03; 10/7/04	
130	PADUCAH-MCCRACKEN JSA	\$1,401,000	\$1,229,425 (c)	12/4/03	
131	MARION, CITY OF	\$1,775,704	\$515,296 (c)	3/4/04	
132	MOREHEAD, CITY OF	\$11,233,204	\$7,189,123 (c)	3/4/04; AMD 11/05	
133	PADUCAH-MCCRACKEN JSA	\$1,040,275	\$908,403 (c)	3/4/04	
134	JESSAMINE-SOUTH ELKHORN WAT DIST	\$298,200	\$196,861 (c)	4/1/04	(A1)
135	BEREA, CITY OF	\$9,011,045	\$5,000,000 (c)	4/1/04; 1/6/05	
136	HOPKINSVILLE WATER ENV AUTH	\$2,469,924	\$2,469,924 (c)	05/06/04; 3/2/06	
137	PRESTONSBURG, CITY OF	\$3,750,000	\$68,037 (c)	05/06/04	Assumed from Southern Wtr & Sew Dist
TOTALS		\$38,511,624	\$22,738,183		
PROJECTS APPROVED IN SFY 2005					
138	LAWRENCEBURG, CITY OF	\$8,319,703	\$7,889,974 (c)	7/1/04	
139	LORETTO, CITY OF	\$5,563,468	\$2,245,865 (c)	7/1/04; 9/14/05	
140	SANITATION DISTRICT #1	\$39,028,077	\$32,401,491 (c)	8/5/04; 10/1/06	
141	HODGENVILLE, CITY OF	\$2,639,104	\$968,539 (c)	10/7/04	
142	CARROLLTON, CITY OF	\$10,870,148	\$4,288,600 (c)	5/5/05	
143	WINCHESTER MUNICIPAL UTILITIES	\$23,212,000	\$21,000,000 (c)	6/23/05	
TOTALS		\$89,632,500	\$68,794,469		

		TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT	DATE APPROVED	
PROJECTS APPROVED IN SFY 2006					
144	ALEXANDRIA, CITY OF	\$2,535,785	\$426,220 (c)	7/7/05	
145	PAINTSVILLE, CITY OF	\$954,415	\$429,715 (c)	10/6/05	
146	CYNTHIANA, CITY OF	\$10,902,650	\$5,671,622 (c)	12/1/05	
147	WESTERN MASON SD	\$4,644,000	\$802,000 (c)	12/1/05	
148	LEDBETTER WATER DISTRICT	\$3,326,078	\$2,326,078 (c)	3/2/06	
149	RICHMOND, CITY OF	\$2,152,200	\$2,152,200 (c)	6/1/06	(A1)
TOTALS		\$24,515,128	\$11,807,835		
PROJECTS APPROVED IN SFY 2007					
150	REGIONAL WAT RES AGENCY	\$9,405,000	\$7,196,879 (c)	7/13/06	
151	N MADISON CO SD	\$1,925,000	\$307,952 (c)	8/3/06	
152	BOYD CO SANITATION DIST #2	\$1,918,000	\$666,811 (c)	10/5/06	
153	N MADISON CO SD	\$12,736,123	\$8,104,622 (c)	10/5/06; 12/7/06	
154	OHIO CO REG WASTEWATER DIST	\$15,940,000	\$6,607,612 (c)	11/2/06	
155	CITY OF NICHOLASVILLE	\$12,459,352	\$12,053,913 (c)	12/7/06; 4/1/09	
156	CITY OF BOWLING GREEN	\$5,155,190	\$5,130,100 (c)	12/7/06	
157	CITY OF BEAVER DAM	\$1,311,900	\$597,921 (c)	6/21/07	
158	CITY OF FALMOUTH	\$5,619,316	\$2,812,236 (c)	6/21/07	
TOTAL		\$66,469,881	\$43,478,046		
PROJECTS APPROVED IN SFY 2008					
159	CITY OF BARLOW	\$169,500	\$168,954 (c)	9/6/07	(A1)
160	CITY OF WHITESBURG	\$7,474,000	\$1,040,900 (c)	9/6/07	
161	CITY OF OWENSBORO	\$25,562,531.87	\$23,931,476 (c)	10/4/07; 6/26/14	
162	CITY OF ALEXANDRIA	\$316,441	\$186,073 (c)	11/1/07	
163	CITY OF MURRAY	\$1,469,778	\$1,227,741 (c)	11/1/07	
164	CITY OF RICHMOND	\$56,808,695	\$53,656,495 (c)	11/1/07	
165	REGIONAL WATER RESOURCE AGENCY	\$1,709,375	\$1,425,488 (c)	11/1/07	
166	Paducah McCracken JSA	\$4,146,560	\$1,600,000 (c)	2/7/08	
167	Bowling Green, City of	\$54,235,960	\$53,881,569 (c)	4/3/08; 11/12/09; 8/4/11	
168	Sanitation District #1	\$83,147,554	\$69,403,566 (c)	4/3/08; 6/4/09	
169	Elizabethtown, City of	\$14,580,483	\$14,580,483 (c)	4/3/08	
170	Nicholasville, City of	\$6,043,903	\$6,043,903 (c)	4/3/08	
171	Somerset, City of	\$14,897,000	\$8,138,274 (c)	4/3/08	
172	Williamstown, City of	\$18,748,000	\$15,214,408 (c)	6/2/08	
TOTAL		\$289,309,780	\$250,499,329		
PROJECTS APPROVED IN SFY 2009					
173	Hopkinsville, City of	\$4,916,100	\$0	9/4/08; withdrawn 5/11/10	
174	Lexington-Fayette Urban County Govt	\$18,354,000	\$14,045,119 (c)	1/8/09	
175	Paducah McCracken JSA	\$14,323,800	\$6,100,150 (c)	4/9/09	
176	Mt Washington, City of	\$15,000,000	\$9,061,772 (c)	5/7/09; 9/1/10	
177	Sanitation District #1	\$5,802,300	\$4,920,300 (c)	6/4/09; 6/30/11	
178	Sanitation District #1	\$7,062,000	\$5,459,988 (c)	6/4/09	
179	Sanitation District #1	\$20,108,000	\$12,735,256 (c)	6/4/09	
180	Sanitation District #1	\$6,968,000	\$4,726,828 (c)	6/4/09	
181	Sanitation District #1	\$3,287,000	\$2,149,345 (c)	6/4/09	
182	Sanitation District #1	\$12,065,000	\$8,069,123 (c)	6/4/09	
TOTAL		\$107,886,200	\$67,267,880		
PROJECTS APPROVED IN SFY 2010					
183	Kentucky Horse Park	\$1,950,000	\$717,039.80 (c)	8/6/09	
184	Maysville, City of	\$10,985,868	\$10,985,868 (c)	9/3/09	
185	Prestonsburg, City of	\$272,000	\$272,000 (c)	10/1/09; 2/4/10	
186	Prestonsburg, City of	\$786,000	\$786,000 (c)	10/1/09; 2/4/10	
187	Louisville & Jefferson Co. Metro. Sewer Dist.	\$4,847,095	\$0	10/1/09	withdrawn 10/12/10
188	Hopkinsville, City of	\$7,500,000	\$7,488,282 (c)	11/12/09	
189	Hardinsburg, City of	\$550,000	\$549,594 (c)	11/12/09	
190	Princeton, City of	\$2,475,000	\$683,354 (c)	12/3/09; 2/4/10	
191	Ashland, City of	\$7,720,231	\$6,644,995 (c)	1/7/10; 2/3/11	
192	Winchester, City of	\$37,000,000	\$36,600,000 (c)	2/4/10	
193	Prestonsburg, City of	\$4,530,405	\$1,860,405 (c)	2/4/10	
194	Oldham Co Env Auth	SX21185017 \$2,846,174	\$2,843,153 (c)	5/6/10; 7/7/11; 6/7/12	
195	Oldham Co Env Auth -	SX21185029 \$1,477,000	\$1,000,000 (c)	5/6/10; 1/5/12	
		SX21185050;			
196	Oldham Co Env Auth	SX21185036 \$2,601,420	\$2,538,415 (c)	5/6/10; 1/5/12; 6/7/12	
197	Lexington Fayette Urban County Government	\$9,030,983	\$9,030,983 (c)	6/3/10; 10/14/10	
198	Lexington Fayette Urban County Government	\$7,028,375	\$0	6/3/10; 10/14/10	withdrawn 1/31/12
Total		\$101,600,551	\$82,000,089		

		TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT	DATE APPROVED	
PROJECTS APPROVED IN SFY 2011					
199 Oldham Env Auth	SX21185028	\$500,000	\$121,419 (c)	7/1/10;1/5/12	
200 Sanitation District #1	SX21117126	\$19,935,700	\$15,989,714 (c)	7/1/10	
201 Bardstown, City of	SX21179019	\$1,800,000	\$1,800,000 (c)	12/9/10; 6/10/11	
202 LaCenter, City of	SX21007015	\$895,000	\$895,000 (c)	12/9/10	
203 Livermore, City of	SX21049008	\$2,105,000	\$1,062,219 (c)	12/9/10	
204 Morehead, City of	SX21205034	\$3,000,000	\$3,000,000 (c)	12/9/10	
205 Regional Water Resource Agency		\$6,331,887	\$6,037,387 (c)	12/9/10;3/1/12;8/1/13	
206 Campton, City of		\$3,217,200	\$1,400,000 (c)	2/3/11	
207 Hardinsburg, City of		\$400,000	\$394,849 (c)	2/3/11	
208 Louisa, City of		\$2,058,580	\$1,399,237 (c)	2/3/11	
209 Flemingsburg, City of		\$10,380,670	\$10,380,670 (c)	3/3/11;12/6/12	
210 Louisville-Jefferson Co MSD		\$3,400,000	\$0	3/3/11	withdrawn 2/3/12
211 Vanceburg, City of		\$3,400,000	\$2,000,000 (c)	3/3/11	
212 Williamsburg, City of		\$1,035,517	\$955,960 (c)	3/3/11	
213 Hopkinsville, City of		\$500,000	\$483,710 (c)	4/7/11	
214 Hopkinsville, City of		\$10,991,165	\$10,991,165 (c)	4/7/11	
215 Hopkinsville, City of		\$8,010,000	\$7,090,224 (c)	4/7/11;5/9/12	The 5/9/12 increase was rescinded
216 Pineville, City of		\$265,668	\$265,668 (c)	5/5/11	
217 Sanitation District #1		\$17,225,660	\$10,806,003	5/5/11	
218 Sanitation District #1		\$19,000,000	\$15,187,500	5/5/11	
219 Sanitation District #1		\$9,572,000	\$3,804,381	5/5/11	
220 West Liberty, City of		\$3,937,950	\$2,107,258 (c)	5/5/11; revised for ARRA fdg	
Total		\$127,961,997	\$96,172,364		
PROJECTS APPROVED IN SFY 2012					
221 Oldham Co Env Authority	SX21185037	\$670,588	\$670,588 (c)	7/7/11;6/7/12	
222 Prestonsburg, City of		\$3,750,087	\$1,094,143 (c)	8/4/11;4/12/12	Assumed from Southern Wtr & Sew Dist
223 Hodgenville, City of		\$1,635,000	\$1,635,000 (c)	11/10/11	
224 Burkesville, City of		\$1,000,000	\$1,000,000 (c)	11/10/11	
225 Bloomfield, City of		\$0	\$0	11/10/11	Request for funds withdrawn
226 Harrodsburg, City of		\$418,500	\$418,500 (c)	12/8/11	
227 Grant Co Sanitary SD		\$1,276,449	\$941,718 (c)	1/5/12; 10/3/13	
228 Barbourville, City of	SX21121139	\$6,391,817	\$6,391,817 (c)	2/2/12; 11/1/12	
229 Sanitation District #1 of Northern Ky		\$1,001,717	\$851,857 (c)	2/2/12	
230 Sanitation District #1 of Northern Ky		\$0	\$0	2/2/12	Request for funds withdrawn
231 Winchester, City of		\$1,010,000	\$537,235 (c)	2/2/12	
232 Harrodsburg, City of		\$1,157,000	\$706,000 (c)	2/2/12	
233 Jamestown, City of		\$2,476,218	\$2,476,218 (c)	2/2/12	
234 Paducah McCracken County JSA		\$7,097,410	\$7,097,410 (c)	2/2/12	
235 Ashland, City of		\$0	\$0	3/1/12	Request for funds withdrawn
236 Murray, City of	SX21035001	\$61,515,000	\$61,515,000	3/1/12; 6/4/15	
237 Grant Co Sanitary SD		\$0	\$0	3/1/12	Request for funds withdrawn
238 Lexington-Fayette Urban Co Govt		\$2,530,000	\$1,594,026 (c)	3/1/12	
239 Regional Water Resource Agency		\$619,070	\$354,892 (c)	3/1/12	
240 Regional Water Resource Agency	SX21059042	\$2,336,875	\$2,336,875 (c)	3/1/12; 7/2/15	
241 Flemingsburg, City of		\$2,000,000	\$459,530 (c)	4/12/12	
242 Jackson, City of		\$1,200,000	\$700,000 (c)	4/12/12	
243 Russell Springs, City of		\$719,000	\$719,000 (c)	4/12/12	
244 South Shore, City of		\$4,006,000	\$2,489,452 (c)	4/12/12	
245 Worthington, City of		\$381,174	\$381,174 (c)	4/12/12	
246 Flatwoods, City of	SX21089082	\$445,000	\$440,000 (c)	5/3/12;10/25/13	
247 Grayson, City of	SX21043032	\$785,000	\$785,000 (c)	5/3/12	
248 Oak Grove, City of	SX21047025	\$0	\$0	5/3/12	Request for funds withdrawn
249 Russell, City of	SX21089091	\$0	\$0	5/3/12	Commitment Expired 9/2013
250 Earlington, City of	SX21107017	\$1,575,000	\$728,668 (c)	6/7/12	
251 Lawrenceburg, City of	SX21005007	\$1,157,623.47	\$1,157,623.47 (c)	6/7/12	
252 Perry County Sanitation District	SX21193100	\$3,060,000	\$1,675,000 (c)	6/7/12; 2/6/14	
Total		\$110,214,529	\$99,156,727		

			TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT	DATE APPROVED	
PROJECTS APPROVED IN SFY 2013						
253	Jenkins, City of	SX21133013	\$1,500,000	\$495,511 (c)	8/2/12	
254	Frankfort, City of	SX21073058	\$9,500,000	\$8,000,000 (c)	2/7/13	
255	Regional Water Resource Agency	SX21059031	\$858,006	\$858,006 (c)	2/7/13	
		SX21067045				
256	Lexington-Fayette Urban Co Govt	SX21067047	\$5,232,640	\$4,335,913 (c)	3/7/13	
		SX21067038				
		SX21067043				
257	Lexington-Fayette Urban Co Govt	SX21067044	\$8,888,647	\$8,888,647 (c)	3/7/13	
		SX21067037				
		SX21067039				
		SX21067040				
258	Lexington-Fayette Urban Co Govt	SX21067043	\$9,998,618	\$9,998,618 (c)	3/7/13	
259	Lexington-Fayette Urban Co Govt	SX21067041	\$23,902,641	\$23,902,641 (c)	3/7/13; 6/26/14	
260	Lexington-Fayette Urban Co Govt	SX21067006	\$8,364,306	\$5,264,306 (c)	3/7/13	
261	Pineville, City of	SX21013151	\$2,233,485	\$467,817 (c)	4/4/13; 8/4/16	
262	Regional Water Resource Agency	SX21059014	\$873,183	\$873,183 (c)	5/2/13	
263	Oldham Co Env Auth	SX21185052	\$6,650,000	\$6,500,000 (c)	5/2/13	
		SX21137001				
264	Lincoln County Sanitation District	SX21137017	\$7,924,293	\$4,365,793 (c)	6/19/13; 11/5/15	
Total			\$85,925,820	\$73,950,436		
PROJECTS APPROVED IN SFY 2014						
265	Frankfort, City of	SX21073059	\$4,905,000	\$4,905,000	10/3/13	
266	London, City of	SX21125001	\$4,391,702	\$4,371,452	10/3/13; 9/4/14	
267	Regional Water Resource Agency	SX21059044	\$353,918	\$353,918 (c)	3/6/14	
268	City of Vanceburg	SX21135009	\$665,000	\$665,000 (c)	4/3/14	
269	Lexington-Fayette Urban Co Govt	SX21067049	\$12,217,029	\$12,217,029	6/26/14	
Total			\$22,532,649	\$22,512,399		
PROJECTS APPROVED IN SFY 2015						
270	Catlettsburg, City of	SX21019075	\$3,805,000	\$2,955,000	9/4/14; 5/4/17	
271	Augusta Regional Sewer Auth, Inc.	SX21023010	\$700,000	\$600,000	9/4/14	(A1)
272	Owensboro, City of	SX21059047	\$3,770,838	\$3,770,838 (c)	10/2/14; 7/2/15	
273	Morganfield, City of	SX21225024	\$4,067,200	\$3,067,200 (c)	11/6/14; 8/4/16	
274	Lexington-Fayette Urban Co Govt	SX21067048	\$67,944,188	\$67,944,188	12/4/14; 4/9/18	
275	Frankfort, City of	SX21073038	\$3,881,000	\$3,731,000	12/4/14	
276	Harrodsburg, City of	SX21167014	\$1,420,000	\$1,420,000 (c)	12/4/14	
277	Hardinsburg, City of	SX21027021	\$1,277,999	\$1,277,999 (c)	2/5/15	
278	West Point, City of	SX21093024	\$507,500	\$249,999.89 (c)	2/5/15	
279	Barbourville, City of	SX21121133	\$1,856,109	\$1,856,109 (c)	4/2/15	
280	Harrodsburg, City of	SX21167003	\$21,400,000	\$10,000,000	4/2/15	
281	Harrodsburg, City of	SX21167013	\$615,149	\$615,149 (c)	4/2/15	
282	Mountain Water District	SX21195699	\$4,070,000	\$3,472,921	4/2/15; 10/27/16	
283	Nicholasville, City of	SX21113027	\$340,980	\$340,980	4/2/15	
284	Sanitation District #1	SX21117001	\$0	\$0	4/2/15	Request for funds withdrawn
285	Sanitation District #1	SX21117006	\$2,383,820	\$2,143,820 (c)	4/2/15	
286	Corbin, City of	SX21235117	\$9,691,600	\$8,684,115 (c)	5/7/15	
287	Frankfort, City of	SX21073063	\$0	\$0	5/7/15	Request for funds withdrawn
288	Frankfort, City of	SX21073066	\$1,570,000	\$1,570,000	5/7/15	
289	Frankfort, City of	SX21073067	\$2,950,000	\$1,500,000	5/7/15	
290	Frankfort, City of	SX21073062	\$1,630,000	\$1,320,000 (c)	5/7/15	
291	Glasgow, City of	SX21009018	\$5,298,000	\$5,298,000 (c)	5/7/15; 9/26/18	
292	Liberty, City of	SX21045002	\$5,660,000	\$4,660,000	5/7/15; 12/1/16	
293	Regional Water Resource Agency	SX21059033	\$7,282,500	\$8,007,500	6/4/15; 12/6/17	
294	Regional Water Resource Agency	SX21059045	\$1,425,000	\$1,425,000	6/4/15	
295	Regional Water Resource Agency	SX21059048	\$3,058,903	\$3,058,903 (c)	6/4/15; 2/2/17	
296	Fulton, City of	SX21075003	\$1,139,000	\$1,139,000 (c)	6/4/15	
297	Owingsville, City of	SX21011022	\$0	\$0	6/4/15	Request for funds withdrawn
Total			\$157,744,785	\$140,107,721		

		TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT	DATE APPROVED	
PROJECTS APPROVED IN SFY 2016					
298 Eddyville, City of	SX21143007	\$1,484,500	\$1,398,134 (c)	7/2/15	
299 Brodhead, City of	SX21203316	\$1,081,730	\$1,081,730 (c)	8/6/15	
300 Hazard, City of	SX21193003	\$1,500,000	\$1,005,000 (c)	8/6/15; 8/4/16	
301 Harrison Co Sanitation District	SX21097015	\$2,567,885	\$1,567,885 (c)	9/3/15	
302 Elkhorn City, City of	SX21195018	\$3,429,811	\$597,939	9/3/15; 9/7/17	
303 Mercer County Sanitation District	SX21167021	\$848,000	\$701,694	11/5/15	
304 Prestonsburg, City of	SX21071210	\$2,033,200	\$2,033,200	11/5/15	
305 Prestonsburg, City of	SX21071231	\$2,163,000	\$2,163,000	11/5/15	
306 Prestonsburg, City of	SX21071235	\$1,952,900	\$1,952,900	11/5/15	
307 Harrodsburg, City of	SX21167022	\$1,569,300	\$1,566,370	12/3/15	
308 Morehead, City of	SX21205029	\$0	\$0	12/3/15	Request for funds withdrawn
309 Morehead, City of	SX21205036	\$1,800,000	\$1,800,000	12/3/15	
310 Southern Water & Sewer District	SX21071005	\$0	\$0	12/3/15	Request for funds withdrawn
311 Regional Water Resource Agency	SX21059027	\$226,765	\$226,765 (c)	2/4/16; 4/7/16	
312 Regional Water Resource Agency	SX21059039	\$0	\$0	2/4/16; 6/1/17	Changed to B loan B17-014
313 Regional Water Resource Agency	SX21059026	\$0	\$0	2/4/16; 6/1/17	Changed to B loan B17-015
314 Paducah McCracken County JSA	SX21145015	\$2,385,000	\$2,385,000	2/4/16	
315 Hopkinsville, City of	SX21047028	\$1,500,000	\$1,500,000	3/3/16	
316 Hawesville, City of	SX21091015	\$3,800,000	\$3,000,000	3/3/16	
317 New Haven, City of	SX21179017	\$591,000	\$251,000	3/3/16	
318 Prestonsburg, City of	SX21071007	\$600,000	\$600,000	3/3/16	
319 Elizabethtown, City of	SX21093028	\$9,609,570	\$9,609,570 (c)	3/3/16	
320 Salyersville, City of	SX21153003	\$370,484	\$370,484	4/7/16	
321 Hodgenville, City of	SX21123005	\$970,000	\$970,000	5/5/16	
322 Frankfort, City of	SX21073065	\$4,529,000	\$4,529,000	5/5/16	
323 Regional Water Resource Agency	SX21059052	\$200,000	\$200,000	5/5/16	
324 Butler, City of	SX21191007	\$1,080,574	\$1,080,574	6/2/16; 11/13/18	
325 Marion, City of	SX21055006	\$587,200	\$587,200	6/2/16	
326 Farmdale Sanitation District	SX21073082	\$321,753	\$321,753	6/2/16; 12/11/18	
Total		\$47,201,672	\$41,499,198		
PROJECTS APPROVED IN SFY 2017					
327 Mountain Water District	SX21195696	\$0	\$0	8/4/16	Request for funds withdrawn
328 Mountain Water District	SX21195025	\$299,398.88	\$299,399 (c)	8/4/16	
329 Lexington-Fayette Urban Co Govt	SX21067050	\$1,286,628	\$1,286,628 (c)	9/1/16	
330 Lexington-Fayette Urban Co Govt	SX21067002	\$0	\$0	9/1/16	Request for funds withdrawn
331 Winchester, City of	SX21049028	\$1,472,980	\$1,249,088 (c)	10/27/16	
332 Maysville, City of	SX21161025	\$4,000,000	\$4,000,000	10/27/16	
333 Jackson, City of	SX21025008	\$1,173,000	\$593,000	10/27/16	
334 Daviess County Fiscal Court	SX21059049	\$2,169,634	\$1,169,634	12/1/16	
335 Louisa, City of	SX21127030	\$5,375,000	\$356,060	12/1/16	(A1)
336 Frankfort, City of	SX21073073	\$2,041,000	\$2,041,000	2/2/17	
337 Frankfort, City of	SX21073071	\$1,853,750	\$1,853,750	2/2/17	
338 Frankfort, City of	SX21073078	\$1,954,500	\$1,954,500	2/2/17	
339 Frankfort, City of	SX21073074	\$1,202,660	\$1,202,660	2/2/17	
340 Frankfort, City of	SX21073075	\$2,175,965	\$2,175,965	2/2/17	
341 Frankfort, City of	SX21073068	\$1,600,000	\$1,600,000	2/2/17	
342 Oldham Co Env Authority	SX21185053	\$6,675,000	\$6,300,000	2/2/17	
343 Williamsburg, City of	SX21235004	\$2,516,489	\$2,456,489	2/2/17	
344 Stanton, City of	SX21197006	\$2,565,000	\$1,095,462	3/2/17	
345 Benton, City of	SX21157020	\$1,762,666	\$1,762,666 (c)	5/4/17	
346 Lexington-Fayette Urban Co Govt	SX21067057	\$9,969,585	\$9,969,585	5/4/17	
347 Paducah McCracken JSA	SX21145023	\$9,100,000	\$9,100,000	6/1/17	
Total		\$59,193,256	\$50,465,887		
PROJECTS APPROVED IN SFY 2018					
348 Augusta Regional Sewer Authority	SX21023005	\$12,397,000	\$5,697,000	10/5/17	
349 Regional Water Resource Agency	SX21059050	\$5,619,274	\$5,619,274	12/6/17	
350 Marshall County Fiscal Court	SX21157035	\$3,066,988	\$3,066,988	2/1/18	
351 Elkton, City of	SX21219014	\$500,000	\$500,000	2/1/18	(A1)
352 Oldham Co Env Authority	SX21185038	\$2,000,000	\$2,000,000	4/9/18	
353 La Grange Utilities Commission	SX21185059	\$3,121,200	\$3,121,200	4/9/18	
354 Pineville, City of	SX21013003	\$199,000	\$146,000	4/9/18	(A1)
355 Paducah, City of	SX21145012	\$6,002,667	\$4,610,667	4/9/18	
356 Paducah McCracken JSA	SX21035006	\$625,000	\$625,000	5/8/18	
357 Marion, City of	SX21055006	\$13,405,790	\$4,801,590	6/12/18	
358 Regional Water Resource Agency	SX21059054	\$2,047,000	\$2,047,000	6/12/18	
Total		\$48,983,919	\$32,234,719		

		TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT	DATE APPROVED	
PROJECTS APPROVED IN SFY 2019					
359	Regional Water Resource Agency	SX21059027	\$4,595,262	\$4,180,262 (c)	7/10/18 withdrawn 2/13/19
360	Murray, City of	SX21035025	\$1,576,500	\$1,450,000	11/13/18
361	Louisville & Jefferson Co. MSD	SX21111007	\$4,445,000	\$3,870,000	12/11/18
362	Louisville & Jefferson Co. MSD	SX21111101	\$27,829,000	\$22,000,000	12/11/18
363	Corbin, City of	SX21121004	\$1,613,960	\$1,262,600	12/11/18
364	Western Mason Sanitation District	SX21161006	\$100,000	\$100,000	12/11/18
365	Lancaster, City of	SX21079019	\$324,000	\$324,000	1/8/19
366	Burkesville, City of	SX21057002	\$251,000	\$251,000	2/7/19
367	Bardstown, City of	SX21179029	\$7,000,000	\$5,400,000	2/7/19
368	La Center, City of	SX21007019	\$2,050,049	\$1,050,049	2/7/19
369	Morehead, City of	SX21205037	\$3,650,000	\$3,650,000	3/7/19
370	Lincoln County Sanitation District	SX21137023	\$388,400	\$388,400	3/7/19
Total			\$53,823,171	\$43,926,311	
GRAND TOTALS - COMMITMENTS			\$1,875,307,166	\$1,479,432,987	

bold, italics - pending board approval

(c) - Final amounts; Loan has been closed

(s) - Amount represented in the assistance agreement

(A1) - Planning and Design Loan

(+)-Const Amt; AA amnt represents Const + Plan & Design

**KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED WASTEWATER REVOLVING LOAN FUND ---- (FUND A2)
AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009**

AVAILABLE FUNDS FFY 2009:

FEDERAL ARRA GRANT FUNDS	\$49,878,100
ADMINISTRATION (4%)	(\$1,995,124)
Transferred from Admin to Construction	\$910,506
NET ARRA FUNDS	<u>\$48,793,482</u>

	TOTAL PROJECT AMOUNT	KIA AMOUNT	FIRST USE FUNDS	DATE APPROVED
PROJECTS APPROVED IN SFY 2009:				
1 Sanitation District #1	\$395,000	\$395,000 (c)	\$395,000	6/4/09
2 Sanitation District #1	\$1,755,545	\$1,371,545 (c)	\$1,371,545	6/4/09; 1/7/10; 1/25/10
3 Sanitation District #1	\$1,578,539	\$1,474,916 (c)	\$1,474,916	6/4/09
4 Sanitation District #1	\$834,241	\$834,241 (c)	\$834,241	6/4/09
5 Lexington Fayette Urban Co Govt	\$2,620,000	\$2,620,000 (c)	\$2,620,000	6/25/09
6 Lexington Fayette Urban Co Govt	\$537,000	\$237,000 (c)	\$237,000	6/25/09
7 Louisa, City of	\$1,150,000	\$1,139,716 (c)	\$1,139,716	6/25/09
8 Pineville, City of	\$2,193,000	\$2,193,000 (c)	\$2,193,000	6/25/09; 1/7/10
9 Shepherdsville, City of	\$8,500,000	\$3,000,000 (c)	\$3,000,000	6/25/09
TOTALS	\$19,563,325	\$13,265,418	\$13,265,418	
PROJECTS APPROVED IN SFY 2010:				
10 Calvert City, City of	\$1,083,128	\$986,831 (c)	\$986,831	7/9/09; 1/7/10
11 Princeton, City of	\$2,475,000	\$1,103,744 (c)	\$1,103,744	7/9/09; 2/4/10
12 Northern Madison Co Sanitation District	\$510,000	\$510,000 (c)	\$510,000	8/6/09
13 Kentucky Horse Park	\$1,950,000	\$950,000 (c)	\$950,000	8/6/09
14 Sanitation District #4 of Boyd County	\$475,000	\$400,000 (c)	\$400,000	8/6/09
15 Ashland, City of	\$250,252	\$246,646 (c)	\$246,646	8/20/09; 1/25/10
16 Covington, City of	\$1,200,000	\$1,197,390 (c)	\$1,197,390	8/20/09
17 Bowling Green, City of	\$134,996	\$134,996 (c)	\$134,996	8/20/09
18 Frankfort, City of	\$962,035	\$800,000 (c)	\$800,000	8/20/09
19 Wilder, City of	\$215,889	\$114,302 (c)	\$114,302	9/3/09; 1/25/10
20 Richmond, City of	\$125,000	\$125,000 (c)	\$125,000	9/3/09
21 Maysville, City of	\$2,000,000	\$500,000 (c)	\$500,000	9/3/09
22 Prestonsburg, City of	\$4,530,405	\$2,670,000 (c)	\$2,670,000	10/1/09
23 Kentucky Department of Parks	\$500,000	\$500,000 (c)	\$500,000	10/1/09
24 Kentucky Department of Parks	\$358,008	\$355,867 (c)	\$355,867	10/1/09; 1/25/10
25 Kentucky Department of Parks	\$1,457,402	\$1,331,773 (c)	\$1,331,773	10/1/09; 1/25/10
26 Morehead, City of	\$801,203	\$801,203 (c)	\$801,203	10/1/09
27 Morehead, City of	\$1,293,013	\$1,293,013 (c)	\$1,293,013	10/1/09
28 Winchester, City of	\$693,000	\$600,000 (c)	\$600,000	10/1/09
29 Russellville, City of	\$952,300	\$799,967 (c)	\$799,967	10/1/09
30 Kuttawa, City of	\$530,000	\$300,000 (c)	\$300,000	10/1/09
31 Paintsville, City of	\$1,400,000	\$1,150,000 (c)	\$1,150,000	10/1/09
32 Louisville & Jefferson Co. Metro. Sewer Dist.	\$17,500,000	\$5,000,000 (c)	\$5,000,000	10/1/09
33 Falmouth, City of	\$611,898	\$611,898 (c)	\$611,898	10/1/09; 11/12/09
34 Calvert City, City of	\$850,000	\$816,069 (c)	\$816,069	10/1/09; 12/16/09
35 Sacramento, City of	\$750,000	\$749,991 (c)	\$749,991	10/1/09
36 Grant Co. Sanitary Sewer Dist.	\$2,114,713	\$433,176 (c)	\$433,176	10/1/09; 3/1/12
37 Mayfield, City of	\$975,000	\$975,000 (c)	\$975,000	10/1/09
38 Warsaw, City of	\$3,927,907	\$2,146,907 (c)	\$2,146,907	11/12/09; 2/4/10; 5/9/12
39 Madisonville, City of	\$3,800,000	\$3,800,000 (c)	\$3,800,000	11/12/09
40 Meade Co Riverport Authority	\$482,642	\$482,642 (c)	\$482,642	12/3/09; 1/25/10
41 Troublesome Creek Env Authority	\$3,425,000	\$1,500,000 (c)	\$1,500,000	12/3/09
42 Ohio Co Regional Waste Water District	\$465,303	\$465,303 (c)	\$465,303	12/3/09; 1/25/10; 2/17/11
43 Mountain Water District	\$750,000	\$749,903 (c)	\$749,903	12/3/09; 2/4/10
44 West Libery, City of	\$3,937,950	\$926,445 (c)	\$926,445	5/5/11; revised from base fdg
TOTALS	\$63,487,044	\$35,528,064	\$35,528,064	
GRAND TOTALS - COMMITMENTS	\$83,050,369	\$48,793,482	\$48,793,482	
BALANCE AVAILABLE FOR LOAN			\$0	

bold, italics - pending board approval

(c) - Final amounts; Loan has been closed

(s) - Amount represented in the assistance agreement

KENTUCKY INFRASTRUCTURE AUTHORITY							
INFRASTRUCTURE REVOLVING LOAN FUND ----- (FUND B)							
TOTAL AUTHORIZATIONS FYS 1989-90:				\$20,000,000			
TOTAL AUTHORIZATIONS FYS 1991-92:				\$14,000,000			
TOTAL AUTHORIZATIONS FYS 1993-94:				\$15,000,000			
TOTAL DEAUTHORIZATION FYS 1995-96:				(\$3,504,592)			
TOTAL 1989-2014:				<u>\$45,495,408</u>			
Revolving Available to Loan/Grant Before Current Meeting				<u>\$0</u>			

			TOTAL INFRASTRUCTURE AMOUNT	KIA Grnt/Prin Forg AMOUNT	KIA Loan AMOUNT	GENERATED PRIVATE INVESTMENT	JOBS CREATED	DATE APPROVED	COMMENTS
PROJECTS APPROVED IN FY 1998:									
*	42	PRESTONSBURG, CITY OF	\$4,392,500		\$600,000 (c)	\$0	77	2-26-98	\$50M inc. app. 2-5-99
*	43	PAINTSVILLE, CITY OF	\$8,070,950		\$1,772,800 (c)	\$0	400	2-26-98	(REAP. 12-10-99)
		TOTALS	\$12,463,450		\$2,372,800	\$0	477		
PROJECTS APPROVED IN FY 1999:									
*	44	HARDINSBURG, CITY OF	\$5,239,680		\$131,231 (c)	\$0	14	7-13-98	
*	45	PRESTONSBURG, CITY OF	\$1,591,200		\$795,600 (c)		400	4-27-99	
		TOTALS	\$6,830,880		\$926,831	\$0	414		
PROJECTS APPROVED IN FY 2000:									
*	46	GALLATIN CO WATER DISTRICT	\$1,100,000		\$744,796 (c)	\$95,000,000	130	09/01/1999; AMD 4/4/00	
*	47	CARROLTON, CITY OF (CELOTEX)	\$184,300		\$112,200 (c)	\$75,000,000	122	12/10/1999; AMD 9/1/01	
		TOTALS	\$1,284,300		\$856,996	\$170,000,000	122		
PROJECTS APPROVED IN FY2005:									
*	48	UNION COUNTY FISCAL COURT	\$1,550,000		\$0	\$0 NA		11/04/2004	commitment expired
*	40	OWENTON, CITY OF	\$736,890		\$0	\$0 NA		11/04/2004	commitment expired
*	41	HART CO FISCAL COURT	\$3,192,000		\$2,170,999 (c)	\$0 NA		03/03/2005	
*	42	BOONE COUNTY WATER DISTRICT	\$3,548,148		\$2,506,118 (c)	\$0 NA		6/2/05; 7/1/10	assumed from Boone Co FC
		TOTALS	\$9,027,038		\$4,677,117	\$0			
PROJECTS APPROVED IN FY2006:									
*	43	GRAVES CO WATER DISTRICT	\$596,776		\$596,776 (c)	\$0 NA		1/2005; 7/26/06; 10/2/08	Assumed from Fancy Farm WD
*	44	GRAVES CO WATER DISTRICT	\$152,176		\$152,176 (c)	\$0 NA		9/1/2005; 10/2/08	Assumed from Fancy Farm WD
*	45	WESTERN MASON SANITATION DIST	\$4,644,000		\$560,272 (c)	\$0 NA		12/01/2005	
*	46	BONNIEVILLE, CITY OF	\$3,160,000		\$0	\$0 NA		12/01/2005	commitment expired
*	47	Elkton, City of	\$808,000		\$808,000 (c)	\$0 NA		03/02/2006	
*	48	MT VERNON, CITY OF	\$2,055,000		\$945,000 (c)	\$0 NA		05/04/2006	
		TOTALS	\$11,415,953		\$3,062,225	\$0			
PROJECTS APPROVED IN FY2007:									
*	49	GUTHRIE, CITY OF	\$0		\$0	\$0 NA		08/03/2006	Withdrawn
*	50	OWINGSVILLE, CITY OF	\$4,367,250		\$797,250 (c)	\$0 NA		006;10/01/2009	338,997 In; 50,000 grant
*	51	JAMESTOWN, CITY OF	\$13,065,000		\$3,588,700 (c)	\$0 NA		12/07/2006	3,038,700 In; 550,000 grant
*	52	CONNECTGRADD	\$2,400,000		\$837,856 (c)	\$0 NA		02/08/2007	broadband
*	53	ALBANY, CITY OF	\$7,366,000		\$749,947 (c)	\$0 NA		05/10/2007	EO 2007-298 GF
*	54	GRAVES CO WATER DISTRICT	\$849,154		\$849,154 (c)	\$0 NA		5/10/2007; 10/2/08	S Graves WD
		TOTALS	\$28,047,403		\$6,822,906	\$0			
PROJECTS APPROVED IN FY2008:									
*	55	CAVELAND ENVIRONMENTAL	\$2,910,000		\$125,000 (c)	\$0 NA		09/06/2007	sewer
*	56	HOPKINSVILLE ELECT & EN NET	\$3,000,000		\$3,000,000 (c)	\$0 NA		10/04/2007	fiber optic communications
*	57	MARION CO WATER DISTRICT	\$750,000		\$340,000 (c)	\$0 NA		10/04/2007	water
*	58	WILLIAMSBURG, CITY OF	\$3,237,440		\$400,000 (c)	\$0 NA		10/04/2007	water
*	59	LOGAN TODD REG WAT COMM	\$1,500,000		\$400,000 (c)	\$0 NA		11/01/2007	water
*	60	BURGIN, CITY OF	\$50,000		\$50,000 (c)	\$0 NA		11/01/2007	water
	61	PRESTONSBURG, CITY OF	\$2,700,000		\$2,700,000	\$0 NA		12/06/2007	purchase Auxier Water
	62	GLASGOW, CITY OF	\$1,200,000		\$1,200,000 (c)	\$0 NA		2/7/2008; 10/9/08	broadband
	63	LANCASTER, CITY OF	\$690,000		\$490,000 (c)	\$0 NA		03/06/2008	sewer
	64	WHITLEY CO WATER DISTRICT	\$2,708,000		\$932,800 (c)	\$0 NA		3/6/08; 7/27/11	water
	65	HINDMAN, CITY OF	\$500,000		\$500,000 (c)	\$0 NA		04/03/2008	water
	66	WALTON, CITY OF	\$4,000,000		\$1,000,000 (c)	\$0 NA		06/05/2008	sewer
		TOTALS	\$23,245,440		\$11,137,800	\$0			
PROJECTS APPROVED IN FY2009:									
	67	CARROLLTON, CITY OF	\$2,949,731		\$867,091 (c)	\$0 NA		8/7/08; 12/8/11	sewer
	68	LOUISA, CITY OF	\$1,075,000		\$972,330 (c)	\$0 NA		08/07/2008	sewer
	69	PRESTONSBURG, CITY OF	\$841,000		\$841,000 (c)	\$0 NA		10/02/2008	water meters
	70	LEBANON, CITY OF	\$1,119,707		\$582,883 (c)	\$0 NA		12/04/2008	water
	71	MuniNet	\$2,500,000		\$2,500,000 (c)	\$0 NA		06/25/09; 4/7/11	broadband; assumed from Murray
	72	PINEVILLE, CITY OF	\$0		\$0	\$0 NA		06/25/2009	sewer - withdrawn 9/24/09
		TOTALS	\$8,485,438		\$5,763,304	\$0			
PROJECTS APPROVED IN FY2010:									
	73	Prestonsburg, City of	\$2,670,000		\$0	\$0 NA		10/01/2009	sewer
	74	Falmouth, City of	\$564,835		\$564,835 (c)	\$0 NA		10/01/2009	sewer
	75	Bullitt Co Sanitation District	\$500,000		\$500,000 (c)	\$0 NA		02/04/2010	sewer
	76	Hart Co Industrial Authority	\$2,300,000		\$999,811 (c)	\$3,000,000	40	02/04/2010	sewer
	77	Marshall Co. Fiscal Court	\$1,075,000	\$800,000	\$275,000 (c)	\$0 NA		6/3/10;12/6/12	80% grant/ 20% loan
		TOTALS	\$7,109,835	\$800,000	\$2,339,646	\$3,000,000	40		

	TOTAL INFRASTRUCTURE AMOUNT	KIA Grnt/Prin Forg AMOUNT	KIA Loan AMOUNT	GENERATED PRIVATE INVESTMENT	JOB CREATED	DATE APPROVED	COMMENTS
PROJECTS APPROVED IN FY2011:							
78	Bullitt Co Sanitation District	\$500,000	\$0	\$500,000 (c)	\$0 NA	08/05/2010	sewer
79	Greenville, City of	\$1,226,500	\$0	\$1,226,500 (c)	\$0 NA	10/14/10; 10/25/13	sewer
80	Marion, City of	\$2,100,000	\$0	\$1,175,526 (c)	\$0 NA	10/14/2010	water
81	Princeton, City of	\$430,645	\$0	\$401,674 (c)	\$0 NA	10/14/10; 7/1/11	sewer
82	Bracken Co Water District	\$475,000	\$380,000	\$95,000 (c)	\$0 NA	12/09/2010	water
83	Caneyville, City of	\$445,000	\$0	\$110,000 (c)	\$0 NA	12/09/2010	sewer
84	Crab Orchard, City of	\$1,660,000	\$400,000	\$409,999 (c)	\$0 NA	12/09/2010	water
85	Flatwoods, City of	\$887,500	\$514,800	\$128,700 (c)	\$0 NA	2/3/2011; 8/2/12	
86	Graves County Water District	\$1,111,266	\$220,000	\$780,000 (c)	\$0 NA	02/03/2011	
87	Mt. Washington, City of	\$700,000	\$560,000	\$140,000 (c)	\$0 NA	02/03/2011	
88	White Plains, City of	\$657,000	\$525,600	\$131,400 (c)	\$0 NA	02/03/2011	
89	Beattyville, City of	\$675,000	\$140,000	\$35,000 (c)	\$0 NA	03/03/2011	water
90	Elkton, City of	\$141,700	\$0	\$136,761 (c)	\$0 NA	03/03/2011	water
91	Nicholas County Sanitation District	\$2,641,000	\$0	\$550,000 (c)	\$0 NA	03/03/2011	sewer
92	North McLean Co WD	\$737,871	\$200,000	\$50,000 (c)	\$0 NA	03/03/2011	water
93	MuniNet	\$2,031,370	\$0	\$2,031,370 (c)	\$0 NA	04/07/2011	broadband
TOTALS		\$16,419,852	\$2,940,400	\$7,901,930	\$0	0	
PROJECTS APPROVED IN FY2012:							
94	Crittenden-Livingston Water District	\$300,000	\$0	\$300,000 (c)	\$0 NA	08/04/2011	water
95	Lewisburg, City of	\$0	\$0	\$0	\$0 NA	03/01/2012	water - withdrawn 12/2/13
96	Olive Hill, City of	\$505,000	\$0	\$505,000 (c)	\$0 NA	03/01/2012	water
97	Mount Olivet, City of	\$1,100,000	\$0	\$350,000 (c)	\$0 NA	04/12/2012	water
98	Nebo Water District	\$92,000	\$0	\$92,000 (c)	\$0 NA	06/07/2012	water - WX21107002
TOTALS		\$1,997,000	\$0	\$1,247,000	\$0	0	
PROJECTS APPROVED IN FY2013:							
99	East Pendleton Water District	\$160,000	\$0	\$160,000 (c)	\$0 NA	08/02/2012	water WX21191002
100	Marion County Water District	\$548,180	\$0	\$548,180 (c)	\$0 NA	08/02/2012	water - WX21155031
101	Symsonia Water District	\$924,016	\$0	\$327,103 (c)	\$0 NA	8/2/12; 12/4/14	water - WX21083055
102	Scottsville, City of	\$716,000	\$0	\$261,068 (c)	\$0 NA	08/02/2012	sewer - SX21003032
103	South Shore, City of	\$2,082,411	\$0	\$1,882,411 (c)	\$0 NA	8/2/12; 4/2/15	purchase water system; WX21089067
104	City of Elkton	\$346,243	\$0	\$346,243 (c)	\$0 NA	3/7/13; 10/25/13	water - WX21219030
105	Bullitt Co Sanitation District	\$89,217	\$84,756	\$4,461 (c)	\$0 NA	03/07/2013	sewer - SX21029031
106	Pineville, City of	\$1,380,000	\$0	\$1,380,000 (c)	\$0 NA	04/04/2013	water - WX21013926
107	Green River Valley Water District	\$1,287,000	\$0	\$1,287,000 (c)	\$0 NA	4/4/13; 6/4/15	water - WX21099037
108	Burkesville, City of	\$1,500,000	\$0	\$500,000 (c)	\$0 NA	05/02/2013	sewer - SX21057003
109	Scottsville, City of	\$2,093,465	\$0	\$1,138,509 (c)	\$0 NA	05/02/2013	sewer - SX21003027
TOTALS		\$11,126,532	\$84,756	\$7,834,975	\$0	0	
PROJECTS APPROVED IN FY2014:							
110	Paradise Park Reg Industrial Dev Auth	\$853,585	\$0	\$339,409 (c)	\$0 NA	09/05/2013	water - WX21177029
111	US 60 Water District	\$1,605,810	\$0	\$1,300,000 (c)	\$0 NA	09/05/2013	water - WX21211033
112	Greensburg, City of	\$83,813	\$0	\$83,813	\$0 NA	02/06/2014	water - WX21087018
113	Edmonton, City of	\$174,907	\$0	\$174,907 (c)	\$0 NA	02/06/2014	water - WX21169031
114	Dawson Springs, City of	\$450,000	\$0	\$284,361 (c)	\$0 NA	03/06/2014	water - WX21107035
115	Wickliffe, City of	\$150,000	\$0	\$150,000	\$0 NA	03/06/2014	water - WX21007006
116	Lebanon Junction, City of	\$296,058	\$0	\$296,058 (c)	\$0 NA	4/3/14; 9/3/15	sewer - SX21029032
117	Grand Rivers, City of	\$263,000	\$0	\$263,000 (c)	\$0 NA	04/03/2014	water - WX21139017
118	Mount Olivet, City of	\$0	\$0	\$0	\$0 NA	04/03/2014	sewer - SX21201007 - withdrawn 2014
119	Hickman, City of	\$0	\$0	\$0	\$0 NA	04/03/2014	water - WX21075017 - withdrawn 8/20/14
120	London, City of	\$1,100,300	\$0	\$1,100,300 (c)	\$0 NA	05/01/2014	sewer - SX21125004
121	Greenup Joint Sewer Agency	\$2,000,000	\$0	\$2,000,000	\$0 NA	06/26/2014	sewer - SX21089072
122	Greensburg, City of	\$0	\$0	\$0	\$0 NA	06/26/2014	water - WX21087008 - withdrawn 2/20/14
TOTALS		\$6,977,473	\$0	\$5,991,849	\$0	0	
PROJECTS APPROVED IN FY2015:							
123	Hustonsville, City of	\$544,451	\$0	\$544,451 (c)	\$0 NA	9/4/14; 10/1/15	water - WX21137046
124	Bracken Co Water District	\$358,000	\$0	\$358,000 (c)	\$0 NA	12/04/2014	water - WX21023045
125	Northern Kentucky Water District	\$1,727,112	\$0	\$1,392,195 (c)	\$0 NA	02/05/2015	water - WX21117002
126	Cattlettsburg, City of	\$270,000	\$0	\$270,000 (c)	\$0 NA	02/05/2015	sewer - SX21019076
127	Barbourville, City of	\$0	\$0	\$0	\$0 NA	04/02/2015	water - WX21121007 - withdrawn 4/13/16
128	US 60 Water District	\$2,326,000	\$0	\$1,721,905 (c)	\$0 NA	06/04/2015	water - WX21211033
129	McLean County Regional Water Commissic	\$10,992,089	\$0	\$2,500,936	\$0 NA	06/04/2015	water - WX21149042
TOTALS		\$16,217,652	\$0	\$6,787,487	\$0	0	
PROJECTS APPROVED IN FY2016:							
130	Bullitt County Sanitation District	\$175,000	\$0	\$87,430 (c)	\$0 NA	07/02/2015	sewer - SX21029030
131	Muhlenberg County Water District #3	\$391,000	\$0	\$250,000	\$0 NA	07/02/2015	water - WX21177038
132	Jeffersonville, City of	\$307,160	\$0	\$307,160 (c)	\$0 NA	08/06/2015	water - WX21173112
133	Pineville, City of	\$280,791	\$0	\$280,791 (c)	\$0 NA	08/06/2015	sewer - SX21013004
134	Martin, City of	\$0	\$0	\$0 (c)	\$0 NA	09/03/2015	sewer - SX21071008 - rescinded 2/27/17
135	Perry County Fiscal Court	\$350,000	\$50,000	\$300,000 (c)	\$0 NA	11/05/2015	water - WX21193029
136	Reid Village Water District	\$350,000	\$0	\$350,000 (c)	\$0 NA	02/04/2016	water - WX21173139
137	Morganfield, City of	\$260,000	\$0	\$260,000	\$0 NA	05/05/2016	sewer - SX21225006
138	Lewisport, City of	\$267,500	\$0	\$267,500 (c)	\$0 NA	6/2/16; 2/2/17	water - WX21091098
139	Elkhorn City, City of	\$402,060	\$0	\$402,060 (c)	\$0 NA	06/02/2016	sewer - SX21195018
140	Lancaster, City of	\$204,890	\$0	\$204,890 (c)	\$0 NA	06/02/2016	sewer - SX21079017
TOTALS		\$2,988,401	\$50,000	\$2,709,831	\$0	0	

		TOTAL INFRASTRUCTURE AMOUNT	KIA Grnt/Prin Forg AMOUNT	KIA Loan AMOUNT	GENERATED PRIVATE INVESTMENT	JOBS CREATED	DATE APPROVED	COMMENTS
PROJECTS APPROVED IN FY2017:								
141	Hustonville, City of	\$75,639	\$0	\$75,639	(c)	\$0	NA	08/04/2016 water - WX21137050
142	Lawrenceburg, City of	\$1,985,000	\$0	\$1,200,000		\$0	NA	08/04/2016 sewer - SX21005006
143	Calvert City, City of	\$576,113	\$0	\$463,537	(c)	\$0	NA	09/01/2016 water - WX21157017
144	Northeast Woodford County Water District	\$400,000	\$0	\$400,000		\$0	NA	10/27/2016 water - WX21239032
145	New Castle, City of	\$890,000	\$0	\$428,913.77	(c)	\$0	NA	12/01/2016 sewer/water - SX21103012/WX21103059
146	Bardstown, City of	\$1,220,499	\$0	\$1,220,499	(c)	\$0	NA	12/1/16; 5/4/17 water - WX21179030
147	Bowling Green, City of	\$2,000,000	\$0	\$2,000,000		\$0	NA	12/01/2016 water - WX21227076
148	South Hopkins Water District	\$765,000	\$0	\$765,000		\$0	NA	03/02/2017 water - WX21107052
149	Bardstown, City of	\$1,129,000	\$0	\$1,129,000		\$0	NA	5/4/17; 3/1/18 water - WX21179031
150	Mayfield, City of	\$849,000	\$0	\$849,000		\$0	NA	06/01/2017 sewer/water - SX21083058/WX21083041
151	Regional Water Resource Agency	\$500,000	\$0	\$500,000		\$0	NA	06/01/2017 sewer - SX21059039
152	Regional Water Resource Agency	\$485,000	\$0	\$485,000		\$0	NA	06/01/2017 sewer - SX21059026
TOTALS		\$10,875,251	\$0	\$9,516,589		\$0	0	
PROJECTS APPROVED IN FY2018:								
153	Guthrie, City of	\$1,163,825	\$0	\$1,163,825		\$0	NA	10/05/2017 sewer/water - SX21219022/WX21219008
154	Elkhorn Water District	\$880,000	\$0	\$850,000		\$0	NA	10/05/2017 water - WX21073021
155	Lewisburg, City of	\$250,000	\$0	\$250,000		\$0	NA	12/06/2017 sewer - SX21141014
156	Albany, City of	\$515,000	\$0	\$53,000	(c)	\$0	NA	02/01/2018 water - WX21053014
157	Flemingsburg, City of	\$416,820	\$0	\$132,046		\$0	NA	02/01/2018 sewer - SX21069019
158	Kentucky Dept of Parks - Taylorsville Lake	\$856,000	\$0	\$796,000		\$0	NA	02/01/2018 sewer - SX21215005
159	Cannonsburg Water District	\$85,000	\$0	\$85,000		\$0	NA	06/12/2018 water - WX21089035
160	Hopkinsville Electrict System	\$4,300,000	\$0	\$2,500,000		\$0	NA	06/12/2018 broadband
161	Marion County Water District	\$950,000	\$0	\$950,000		\$0	NA	06/12/2018 water - WX21155022
TOTALS		\$9,416,645	\$0	\$6,779,871	\$0	\$0	0	
PROJECTS APPROVED IN FY2019:								
162	Calvert City, City of	\$610,800	\$0	\$542,900		\$0	NA	09/26/2018 water - WX21035006
163	Mount Washington, City of	\$1,599,630	\$0	\$1,599,630		\$0	NA	09/26/2018 water - WX21029293
164	Murray, City of	\$4,592,253	\$0	\$1,500,000		\$0	NA	11/13/2018 water - WX21035037
165	Laurel County Water District #2	\$1,775,000	\$0	\$445,000		\$0	NA	11/13/2018 water - WX21125020
166	Warren County Water District	\$3,056,000	\$0	\$2,000,000		\$0	NA	12/11/2018 sewer - SX21227082
TOTALS		\$11,633,683	\$0	\$6,087,530	\$0	\$0	0	
GRAND TOTALS		\$286,141,913	\$3,875,156	\$146,506,350		\$1,566,812,723	13,536	

bold, italics - pending board approval
 * Bonds have not been sold for these projects
 + Projects were funded under the master note
 (c) - Final amounts; Loan has been closed
 (s) - Amount represented in the assistance agreement

TOTAL AUTHORIZATION FYS 1991-94	\$6,000,000	
TOTAL DEAUTHORIZATION FYS 95-96	(\$78,822)	
TOTAL AUTHORIZATION FYS 1997-98	\$0	
TOTAL AUTHORIZATION FYS 1998-2000	\$13,000,000	(rlf)
TOTAL AUTHORIZATION FYS 2001-2002	\$3,925,000	(rlf)
	<u><u>\$22,846,178</u></u>	

**KENTUCKY INFRASTRUCTURE AUTHORITY
WATER RESOURCES GRANT----- (FUND B1)**

TOTAL INFRASTRUCTURE AMOUNT	KIA AMOUNT	DATE APPROVED	COMMENTS
--	-----------------------	--------------------------	-----------------

PROJECTS APPROVED JULY 1, 1991 THROUGH JUNE 30, 1992:

1 ELKHORN WATER DISTRICT	\$383,000	\$151,233	(c)	9-16-91	
2 BEAVER-ELKHORN WATER DISTRICT (PH II)	\$2,262,200	\$1,383,547	(c)	9-16-91	(REAP. 5-5-93)
3 BEAVER-ELKHORN WATER DISTRICT (PH III)	\$3,386,325	\$616,453	(c)	9-16-91	(REAP. 5-5-93)
4 WACO WATER DISTRICT	\$304,525	\$300,000	(c)	9-16-91	
5 NORTH MERCER WATER DISTRICT	\$1,833,000	\$500,000	(c)	9-16-91	
6 WEBSTER COUNTY WATER DISTRICT	\$2,269,500	\$1,500,000	(c)	9-16-91	
7 ANDERSON COUNTY	\$361,638	\$270,000	(c)	9-16-91	
8 GEORGETOWN, CITY OF	\$3,474,350	\$400,000	(c)	9-16-91	
9 LYNCH, CITY OF	\$502,500	\$499,945	(c)	9-16-91	
TOTALS	<u><u>\$14,777,038</u></u>	<u><u>\$5,621,178</u></u>			

PROJECTS APPROVED JULY 1, 1992 THROUGH JUNE 30, 1994:

10 DAVIESS COUNTY FISCAL COURT	\$300,000	\$300,000	(c)	11-12-92	(AMD. 9-29-93)
(East Daviess County Water Association)					
TOTALS	<u><u>\$300,000</u></u>	<u><u>\$300,000</u></u>			

PROJECTS PER SPECIAL PROVISIONS DURING 1998 GENERAL SESSION

11 MEADE COUNTY FISCAL COURT	\$4,204,225	\$2,500,000		12/18/1998	
12 CITY OF RICHMOND	\$8,400,000	\$4,000,000		09/01/1998	
13 CITY OF MIDWAY	\$4,760,971	\$3,500,000		06/06/2000	
14 CITY OF HINDMAN	\$3,000,000	\$3,000,000		07/28/1999	
TOTALS	<u><u>\$20,365,196</u></u>	<u><u>\$13,000,000</u></u>	(rlf)		

PROJECTS APPROVED JULY 1, 1998 THROUGH JUNE 30, 1999:

15 WATER RESOURCE DEV COMMISSION	\$1,053,000	753,000	(rlf)	4-27-99	
TOTALS	<u><u>\$1,053,000</u></u>	<u><u>753,000</u></u>			

PROJECTS PER SPECIAL PROVISIONS DURING 2000 GENERAL SESSION

16 HORTON CAMP INF AT GREEN RIVER ST PARK	650,000.00	650,000.00		06/06/2000	
17 FLEMING CO WATER COMM	75,000.00	75,000.00		02/01/2001 (AA date)	
18 FLEMING CO '201' SEWER PLANNING	50,000.00	50,000.00		10/01/2001 (AA date)	
19 CITY OF WURLAND	25,000.00	25,000.00		10/01/2001 (AA date)	
20 SPURLOCK & LITTLE MUD CREEK	300,000.00	300,000.00		08/17/2001 (AA date)	
21 PIKE COUNTY - TAYLOR FORK	50,000.00	50,000.00		08/06/2001 (AA date)	
22 SOUTHERN MADISON WATER DISTRICT	200,000.00	200,000.00		03/01/2001 (AA date)	
23 HENDERSON CO WATER DISTRICT	500,000.00	500,000.00		08/20/2001 (AA date)	
24 LEWIS CO WATER & SEWER	500,000.00	500,000.00		11/22/2000	
25 GREEN CO WATER & SEWER	500,000.00	500,000.00		08/06/2001 (AA date)	
26 LARUE COUNTY FISCAL COURT	750,000.00	750,000.00		08/06/2001 (AA date)	
27 CARROL COUNTY FISCAL COURT	250,000.00	250,000.00		08/01/2001 (AA date)	
28 CITY OF RACELAND	25,000.00	25,000.00		09/21/2001 (AA date)	
29 CITY OF WORTHINGTON	25,000.00	25,000.00		08/06/2001 (AA date)	
30 CITY OF FLATWOODS	25,000.00	25,000.00		10/01/2001 (AA date)	
TOTALS	<u><u>3,925,000.00</u></u>	<u><u>3,925,000.00</u></u>	(rlf)		

TOTAL INFRASTRUCTURE AMOUNT	KIA AMOUNT	DATE APPROVED	COMMENTS
-----------------------------------	---------------	------------------	----------

PROJECTS APPROVED JULY 1, 2001 THROUGH JUNE 30, 2002:

31	Columbia-Campbellsville	WX21001008	\$3,415,000	\$55,000	12/06/2001
32	Bath County Water District	WX21011002	\$2,253,000	\$1,150,000	12/06/2001
33	City of Paris	WX21017002	\$2,300,000	\$1,000,000	12/06/2001
34	City of Ashland	WX21019006	\$2,362,626	\$750,000	12/06/2001
35	Bracken County Water District	WX21023001	\$1,810,000	\$93,500	12/06/2001
36	City of Murray	WX21035005	\$1,126,000	\$0	12/06/2001
37	Center Ridge Water District	WX21035011	\$262,200	\$262,200	12/06/2001
38	West Carroll Water District	WX21041301	\$2,200,000	\$500,000	12/06/2001
39	Rattlesnake Ridge Water District	WX21043001	\$4,130,000	\$440,000	12/06/2001
40	Christian County Water District	WX21047011	\$2,200,000	\$1,000,000	12/06/2001
41	Owensboro Municipal Utilities	WX21059001	\$2,500,000	\$1,000,000	12/06/2001
42	Consumers Water District	WX21083002	\$1,117,868	\$1,000,000	12/06/2001
43	City of Caneyville	WX21085001	\$486,000	\$186,000	12/06/2001
44	Grayson County Water District	WX21085009	\$2,878,000	\$1,000,000	12/06/2001
45	City of Cumberland	WX21095662	\$1,600,000	\$400,000	12/06/2001
46	Henderson Water Utility	WX21101005	\$600,000	\$600,000	12/06/2001
47	Wood Creek water District	WX21125527	\$350,364	\$350,364	12/06/2001
48	Louisa Water District	WX21127001	\$5,570,570	\$1,000,000	12/06/2001
49	Electric Plant Board of the City of Vanceburg	WX21135001	\$4,077,000	\$977,000	12/06/2001
50	City of Sacramento	WX21149002	\$150,000	\$150,000	12/06/2001
51	Western Lewis Rectorville Water District	WX21161001	\$1,399,000	\$275,000	12/06/2001
52	Edmonton Water Works	WX21169001	\$2,222,782	\$595,782	12/06/2001
53	Tri-Village Water District	WX21187205	\$1,800,000	\$800,000	12/06/2001
54	City of Falmouth	WX21191311	\$1,000,000	\$300,000	12/06/2001
55	City of Hazard	WX21193009	\$5,500,000	\$250,000	12/06/2001
56	Buffalo Trail Water Association	WX21201005	\$1,500,000	\$750,000	12/06/2001
57	US 60 Water District	WX21211026	\$1,375,000	\$650,000	12/06/2001
58	Taylorville Water Works	WX21215087	\$3,500,000	\$430,400	12/06/2001
59	Campbellsville-Greensburg	WX21217004	\$3,181,900	\$0	12/06/2001
60	Cadiz-Trigg County Regional Water Commissio	WX21221002	\$14,000,000	\$70,000	12/06/2001
61	City of Midway	WX21239003	\$766,000	\$150,000	12/06/2001
62	City of Booneville	WX21189002	\$687,000	\$130,000	06/06/2002
TOTALS			\$78,320,310	\$16,315,246 (rlf)	

PROJECTS APPROVED JULY 1, 2006 THROUGH JUNE 30, 2007:

63	Knott Co Water & Sewer	\$500,000	\$500,000	10/05/2006
64	Bath Co WD	\$514,340	\$250,000	12/07/2006
65	Western Pulaski Co Water District	\$620,000	\$620,000	5/10/07; 6/21/07
66	City of Harlan	\$200,000	\$200,000	06/21/2007

PROJECTS APPROVED IN FY2008:

67	City of Arlington	\$190,750	\$190,750	07/19/2007
68	City of Elkton	\$200,000	\$200,000	07/19/2007
69	City of Georgetown	\$80,000	\$80,000	07/19/2007
70	Morehead Utility Plant Board	\$373,900	\$373,900	07/19/2007
TOTALS		\$844,650	\$844,650	

GRAND TOTALS	\$121,419,534	\$41,484,424
---------------------	----------------------	---------------------

bold, italics - pending board approval

(s) - Amount represented in the assistance agreement

(c) - Grant has been closed.

(rlf) - To be funded out of the revolving loan funds

<p align="center">KENTUCKY INFRASTRUCTURE AUTHORITY WATER RESOURCES LOAN ----- (FUND B2) GATEWAY, BIG SANDY, KENTUCKY RIVER AND CUMBERLAND VALLEY DEVELOPMENT DISTRICTS</p>
--

TOTAL AUTHORIZATION FYS 1991-94	\$30,000,000
TOTAL DEAUTHORIZATION FYS 1995-96	(\$1,716,586)
TOTAL AUTHORIZATION FYS 1997-98	\$0
TOTAL AUTHORIZATION FYS 1998-99	\$0
TOTAL 1991 - 1998	\$28,283,414

TOTAL INFRASTRUCTURE AMOUNT	KIA AMOUNT	INTEREST RATE	AREA DEVELOPMENT DISTRICT	DATE APPROVED	COMMENTS
-----------------------------------	---------------	------------------	---------------------------------	------------------	----------

PROJECTS APPROVED JULY 1, 1991 THROUGH JUNE 30, 1992:

1	MOUNTAIN WATER DISTRICT (Indian Creek)	\$2,712,760	\$337,760 (c)	3.0%	BIG SANDY	07-24-91	
2	MARTIN COUNTY WATER DISTRICT NO. 2	\$2,481,566	\$1,329,826 (c)	3.0%	BIG SANDY	09-16-91	(REAP. 5-5-93)
3	HYDEN / LESLIE CO. WATER DISTRICT	\$2,196,941	\$1,965,619 (c)	3.0%	KY. RIVER	09-16-91	
4	SOUTHERN WATER & SEWER (Phase I)	\$1,045,700	\$514,888 (c)	3.0%	BIG SANDY	09-16-91	(REAP. 1-29-93), Assumed from Beaver Elkhorn 12-21-00
5	SOUTHERN WATER & SEWER (Phase II)	\$2,262,200	\$847,982 (c)	3.0%	BIG SANDY	09-16-91	(REAP. 5-5-93), Assumed from Beaver Elkhorn 12-21-00
6	SOUTHERN WATER & SEWER (Phase III)	\$3,386,325	\$2,831,354 (c)	3.0%	BIG SANDY	09-16-91	(REAP. 5-5-93 & 2-2-95), Assumed from Beaver Elkhorn 12-21-00
7	MANCHESTER, CITY OF	\$1,766,705	\$970,439 (c)	2.9%	CUMB. VALLEY	11-01-91	
8	MOREHEAD, CITY OF	\$449,442	\$359,646 (c)	2.9%	GATEWAY	11-01-91	
9	MOUNTAIN WATER DISTRICT (Multi-Area)	\$5,165,093	\$5,165,093 (c)	2.9%	BIG SANDY	11-01-91	
10	PIKEVILLE, CITY OF	\$903,718	\$897,868 (c)	2.9%	BIG SANDY	11-01-91	
11	PINEVILLE, CITY OF	\$829,099	\$829,099 (c)	2.9%	CUMB. VALLEY	11-01-91	
12	BARBOURVILLE, CITY OF	\$4,500,000	\$1,924,831 (c)	2.9%	CUMB. VALLEY	11-01-91	
13	CORBIN, CITY OF	\$1,449,838	\$833,000 (c)	2.9%	CUMB. VALLEY	12-04-91	
14	PRESTONSBURG, CITY OF	\$2,173,278	\$1,960,288 (c)	2.9%	BIG SANDY	12-04-91	
15	HARLAN, CITY OF	\$1,434,170	\$1,434,170 (c)	2.9%	CUMB. VALLEY	12-04-91	
16	WHITESBURG, CITY OF	\$1,332,179	\$932,179 (c)	2.7%	KY. RIVER	05-13-92	
17	CLAY COUNTY FISCAL COURT (North Manchester Water Association)	\$2,805,321	\$2,621,001 (c)	2.95%	CUMB. VALLEY	05-13-92	
18	ROCKCASTLE COUNTY FISCAL COURT (Western Rockcastle Water Association)	\$778,500	\$364,572 (c)	2.95%	CUMB. VALLEY	05-13-92	
TOTALS		\$37,672,835	\$26,119,616				

PROJECTS APPROVED JULY 1, 1992 THROUGH JUNE 30, 1993:

19	JACKSON COUNTY FISCAL COURT (Jackson County Water Association)	\$1,858,645	\$1,792,633 (c)	2.45%	KY. RIVER	11-12-92	
TOTALS		\$1,858,645	\$1,792,633				

PROJECTS APPROVED JULY 1, 1993 THROUGH JUNE 30, 1994:

20	LAUREL COUNTY WATER DISTRICT NO. 2	\$1,324,000	\$450,000 (c)	1.6%	CUMB. VALLEY	5-11-94	(REAP. 12-5-95)
TOTALS		\$1,324,000	\$450,000				
GRAND TOTALS		\$40,855,480	\$28,362,249				

(s) - Amount represented in the assistance agreement.
(c) - Final Amount; Loan has been closed.

KENTUCKY INFRASTRUCTURE AUTHORITY GOVERNMENTAL AGENCIES PROGRAM ----- (FUND C)

	TOTAL PROJECT AMOUNT	KIA AMOUNT	DATE APPROVED	COMMENTS
Fd C Available to Loan/Grant Before Current Meeting		\$2,189,820		
ORIGINAL KENTUCKY POLLUTION ABATEMENT AUTHORITY LOANS (42)				
REFINANCED BY THE KENTUCKY INFRASTRUCTURE AUTHORITY (1989)		\$32,025,000		
<u>PROJECTS APPROVED IN FY 1989:</u>				
1 CAMPBELLSVILLE, CITY OF	\$3,450,000	\$2,500,000	(c)	
2 CARLISLE, CITY OF	\$3,958,731	\$1,764,950	(c)	
3 CRITTENDEN, CITY OF	\$1,725,300	\$913,800	(c)	
4 EDMONTON, CITY OF	\$740,728	\$505,728	(c)	
5 FULTON, CITY OF	\$1,200,000	\$380,000	(c)	
6 INEZ, CITY OF	\$5,692,657	\$825,477	(c)	
7 PADUCAH-MCCRACKEN JOINT SEWER COM	\$1,844,500	\$1,844,500	(c)	ASSUMED FROM CITY OF PADUCAH
8 RUSSELL, CITY OF	\$2,851,000	\$2,851,000	(c)	
9 STANFORD, CITY OF	\$1,782,000	\$590,000	(c)	
10 TOMPKINSVILLE, CITY OF	\$720,000	\$445,000	(c)	
11 WEST LIBERTY, CITY OF	\$3,086,995	\$1,805,854	(c)	
12 HARDIN COUNTY WATER DISTRICT #2	\$3,597,502	\$932,502	(c)	
13 PADUCAH-MCCRACKEN JOINT SEWER COM	\$1,528,626	\$1,528,626	(c)	ASSUMED FROM MCCRACKEN CO SEWER
14 PADUCAH-MCCRACKEN JOINT SEWER COM	\$2,099,125	\$2,099,125	(c)	ASSUMED FROM MCCRACKEN CO SEWER
15 OLDHAM COUNTY WATER DISTRICT	\$1,191,282	\$1,330,500	(c)	
16 LOUISVILLE WATER COMPANY	\$2,593,497	\$1,094,330	(c)	ASSUMED FROM KENTUCKY TURNPIKE WATER DISTRICT 3/7/02
TOTALS	\$38,061,943	\$21,411,392		
<u>PROJECTS APPROVED IN FY 1990:</u>				
17 BULLOCK-PEN WATER DISTRICT	\$779,649	\$399,049	(c)	08-07-89
18 BOYD COUNTY SANITATION DISTRICT #2	\$2,525,506	\$1,477,350	(c)	08-07-89 (AMD. 8-16-90 & 12-4-91)
19 FLEMINGSBURG, CITY OF	\$1,218,286	\$1,066,000	(c)	08-07-89
20 FRANKLIN, CITY OF	\$695,690	\$687,204	(c)	05-03-89 (AMD. 8-7-89)
21 PINEVILLE, CITY OF	\$3,099,590	\$308,767	(c)	09-27-89
22 EDMONSON COUNTY WATER DISTRICT	\$860,117	\$507,767	(c)	12-13-89
23 HENDERSON COUNTY WATER DISTRICT #4	\$581,609	\$550,000	(c)	12-13-89 (AMD. 6-20-91)
24 EAST LOGAN COUNTY WATER DISTRICT	\$1,253,120	\$514,303	(c)	12-13-89
25 MCKEE, CITY OF	\$562,789	\$185,289	(c)	04-25-90
TOTALS	\$11,576,356	\$5,695,729		
<u>PROJECTS APPROVED IN FY 1991:</u>				
26 U.S. 60 WATER DISTRICT	\$391,065	\$202,400	(c)	08-16-90
27 EDMONTON, CITY OF	\$727,621	\$502,621	(c)	08-16-90
28 MUNFORDVILLE, CITY OF	\$107,320	\$100,850	(c)	09-26-90
29 LEXINGTON-SOUTH ELKHORN WATER DIST	\$1,750,000	\$1,712,000	(c)	03-28-91
30 PADUCAH-MCCRACKEN JOINT SEWER COM	\$583,445	\$450,884	(c)	03-28-91 ASSUMED FROM REIDLAND WSD
31 SOUTH GRAVES COUNTY WATER DISTRICT	\$728,605	\$728,605	(c)	06-20-91 (REAP. 12-17-92)(AMD. 11-10-97)(AMD 8-7-03)
32 TRIMBLE COUNTY WATER DISTRICT	\$342,103	\$328,603	(c)	06-20-91 (REAP. 9-16-91)
33 HENDERSON COUNTY WATER DISTRICT #2	\$633,013	\$325,000	(c)	06-20-91
TOTALS	\$5,263,172	\$4,350,963		
<u>PROJECTS APPROVED IN FY 1992:</u>				
34 TOMPKINSVILLE, CITY OF	\$648,200	\$306,200	(c)	07-24-91
35 WALTON, CITY OF	\$140,577	\$140,577	(c)	07-24-91
36 WILMORE, CITY OF	\$745,155	\$228,355	(c)	09-16-91
37 EDMONSON COUNTY WATER DISTRICT	\$197,959	\$92,747	(c)	09-16-91
38 PADUCAH WATER WORKS	\$596,100	\$556,100	(c)	11/1/91;6/7/12 (assumed from Hendron Water District 6/7/12)
39 BULLOCK-PEN WATER DISTRICT	\$1,067,019	\$518,169	(c)	11-01-91
40 U.S. 60 WATER DISTRICT	\$494,603	\$459,905	(c)	12-04-91
41 FULTON, CITY OF	\$409,587	\$384,508	(c)	05-13-92
42 BULLOCK-PEN WATER DISTRICT	\$62,111	\$29,254	(c)	05-13-92
TOTALS	\$4,361,311	\$2,715,815		
<u>PROJECTS APPROVED IN FY 1993:</u>				
43 GEORGETOWN, CITY OF	\$554,870	\$162,870	(c)	11-12-92 (AMD. 6-29-94)(Assumed from Stamping Ground 3/2/06)
44 PIKEVILLE, CITY OF	\$1,317,639	\$419,771	(c)	11-12-92
45 NORTH MARSHALL COUNTY WATER DISTRICT	\$1,414,199	\$1,414,199	(c)	12-17-92
46 TAYLORSVILLE, CITY OF	\$188,000	\$188,000	(c)	03-03-93
47 WURTLAND, CITY OF	\$336,885	\$264,145	(c)	05-05-93
TOTALS	\$3,811,593	\$2,448,985		

		TOTAL PROJECT AMOUNT	KIA AMOUNT		DATE APPROVED	COMMENTS
<u>PROJECTS APPROVED IN FY 1994:</u>						
48	WHITESBURG, CITY OF	\$1,701,993	\$381,855	(c)	09-29-93	
49	JONATHAN CREEK WATER DISTRICT	\$2,768,000	\$2,302,500	(c)	09-29-93	(AMD 9/7/03)
50	NORTHERN ROCKCASTLE COUNTY WATER	\$455,226	\$265,226	(c)	09-29-93	
51	Shelbyville, City of	\$2,100,000	\$697,263	(c)	05-11-94	Assumed from Shelby Co SD #1
52	LAUREL COUNTY WATER DISTRICT #2	\$1,324,000	\$900,950	(c)	05-11-94	(AMD. 12-5-95)
	TOTALS	\$8,349,219	\$4,547,794			
<u>PROJECTS APPROVED IN FY 1995:</u>						
53	CARLISLE, CITY OF	\$715,000	\$425,895	(c)	11-29-94	
** 54	HENRY COUNTY WATER DISTRICT #2	\$8,426,000	\$5,026,000	(s)(n)	03-31-95	(AMD. 12-5-95)
55	MCLEAN CO REGIONAL WTR COMMISSION	\$506,100	\$453,299		5-30-95; 2-4-16	Assumed from City of Calhoun
	TOTALS	\$9,647,100	\$5,905,194			
<u>PROJECTS APPROVED IN FY 1996:</u>						
56	OLDHAM COUNTY WATER DISTRICT	\$1,174,500	\$1,062,256	(c)	2-26-95	
57	HOPKINSVILLE, CITY OF	\$1,156,400	\$912,970	(c)	12-4-96; 4-7-11	assumed from Oak Grove
	TOTALS	\$2,330,900	\$1,975,226			
<u>PROJECTS APPROVED IN FY 1997:</u>						
58	EAST PENDLETON WATER DISTRICT	\$202,004	\$219,856	(c)	6-19-97	
	TOTALS	\$202,004	\$219,856			
<u>PROJECTS APPROVED IN FY 1998:</u>						
	TOTALS	\$0	\$0			
<u>PROJECTS APPROVED IN FY 1999:</u>						
59	LOUISA, CITY OF	\$387,500	\$442,857	(c)	7/13/98	(AMD 9-1-99)
* 60	WEBSTER COUNTY WATER DISTRICT	\$6,165,911	\$4,000,000	(c)	9/1/98	
61	MEADE COUNTY WATER DISTRICT	\$4,204,225	\$407,608	(c)	12/18/98	
	TOTALS	\$10,757,636	\$4,850,465			
<u>PROJECTS APPROVED IN FY 2001:</u>						
62	BARLOW, CITY OF	\$416,000	\$237,714	(c)	3/1/01	
	TOTALS	\$416,000	\$237,714			
<u>PROJECTS APPROVED IN FY 2002:</u>						
63	OLDHAM COUNTY WATER DISTRICT	\$7,043,642	\$5,560,339	(c)	7/12/01	
	TOTALS	\$7,043,642	\$5,560,339			
<u>PROJECTS APPROVED IN FY 2003:</u>						
* 64	MCCREARY COUNTY FISCAL COURT	7,996,000	1,474,999	(c)	09/05/2002	
* 65	NICHOLASVILLE, CITY OF	4,310,000	4,160,000	(c)	10/03/2002	
66	SOUTHERN WATER & SEWER	6,874,900	0		01/09/2003	Withdrawn - Replaced with Coal Sev
67	MEADE COUNTY WATER DISTRICT	919,760	0		06/05/2003	Withdrawn - Replaced with Fd F loan
	TOTAL	\$7,996,000	\$5,634,999			
<u>PROJECTS APPROVED IN FY 2004:</u>						
68	KNOTT CO WATER & SEWER DISTRICT	\$2,628,821	\$640,367		08/07/2003	
* 69	CAWOOD WATER DISTRICT	\$2,020,000	\$500,000		12/04/2003	
* 70	BLACK MTN UTILITIES DISTRICT	\$2,295,000	\$250,000	(c)	01/08/2004	
	TOTAL	\$6,943,821	\$1,390,367			
<u>PROJECTS APPROVED IN FY 2005:</u>						
* 71	NORTONVILLE, CITY OF	\$5,300,000	\$2,768,556	(c)	09/02/2004	
* 72	JOHNSON CO FISCAL COURT	\$1,317,000	\$0		12/09/2004	Withdrawn
* 73	PEAKS MILL WATER DISTRICT	\$1,626,900	\$946,900	(c)	05/05/2005	
	TOTAL	\$8,243,900	\$3,715,456			
<u>PROJECTS APPROVED IN FY 2007:</u>						
* 74	MAYFIELD, CITY OF	\$393,250	\$389,255	(c)	05/10/2007	broadband
	TOTAL	\$393,250	\$389,255			

		TOTAL PROJECT AMOUNT	KIA AMOUNT	DATE APPROVED		COMMENTS	
<u>PROJECTS APPROVED IN FY 2008:</u>							
*	75	SOUTHEAST DAVIESS CO WD	\$1,219,995	\$796,140	(c)	11/01/2007	water
*	76	WEST DAVIESS CO WD	\$1,378,708	\$948,348	(c)	11/01/2007	water
*	77	NORTHERN KY WATER DISTRICT	\$6,000,000	\$6,000,000	(c)	06/05/2008	water
TOTAL		\$8,598,703	\$7,744,488				
<u>PROJECTS APPROVED IN FY 2009:</u>							
*	78	UNION, CITY OF	\$1,147,500	\$248,294	(c)	10/02/2008	sewer
TOTAL		\$1,147,500	\$248,294				
<u>PROJECTS APPROVED IN FY 2010:</u>							
*	79	BARDSTOWN, CITY OF	\$1,800,000	\$1,800,000	(c)	10/01/2009; 8/4/2011	industrial park transmission
*	80	BARDSTOWN, CITY OF	\$5,050,000	\$3,500,000	(c)	10/01/2009	water
TOTAL		\$6,850,000	\$5,300,000				
<u>PROJECTS APPROVED IN FY 2011:</u>							
*	81	Bracken Co Water District	\$621,000	\$621,000	(c)	03/03/2011	water main replacement
TOTAL		\$621,000	\$621,000				
<u>PROJECTS APPROVED IN FY 2012:</u>							
*	82	Warren Co Water District	\$1,114,400	\$823,900	(c)	10/06/2011	Buchanon Park Sewer Extension
*	83	Muninet Fiber Agency	\$3,687,038	\$3,687,038	(c)	2/2/12; 6/12/18	Cable Build Project #2
*	84	Worthington, City of	\$554,126	\$554,126	(c)	04/12/2012	Filters Upgrade
TOTAL		\$5,355,564	\$5,065,064				
<u>PROJECTS APPROVED IN FY 2014:</u>							
*	85	Bowling Green, City of	\$1,190,489	\$1,190,489	(c)	02/06/2014	WX21227077 - Reservoir Hill Piping Renovation Project
*	86	Glasgow, City of	\$3,364,860	\$3,000,000	(c)	06/26/2014	SX21009017 - New sewer basin
TOTAL		\$4,555,349	\$4,190,489				
<u>PROJECTS APPROVED IN FY 2015:</u>							
*	87	Northern Madison Co SD	\$1,500,000	\$1,200,000	(c)	10/02/2014	SX21151036 - Muddy Creek Waste Water Treatment Plant
*	88	Richmond, City of	\$963,970	\$963,970	(c)	11/06/2014	WX21151058 - Raw Water Intake Electric Relocation
*	89	Warren County Water District	\$1,760,700	\$1,090,050	(c)	02/15/2015	SX21227047 - Alvaton Area Sewer Extension
TOTAL		\$4,224,670	\$3,254,020				
<u>PROJECTS APPROVED IN FY 2016:</u>							
*	90	Mayfield, City of	\$1,324,716	\$1,324,716	(c)	04/07/2016	WX21083029 - Pinelake, 12th Street and Fuller Tank Rehabilitation
TOTAL		\$1,324,716	\$1,324,716				
<u>PROJECTS APPROVED IN FY 2017:</u>							
*	91	Mount Washington, City of	\$3,437,500	\$3,437,500		09/01/2016	WX21029290 - New Water Tower at Armstrong Lane
*	92	Bowling Green, City of	\$4,800,000	\$4,800,000		12/01/2016	WX21227076 - Water Treatment Plant Alternate Disinfection Process
*	93	Worthington, City of	\$300,000	\$300,000		02/02/2017	SX21089114 - Rehabilitation of Collection and Transmission Systems
TOTAL		\$8,537,500	\$8,537,500				
<u>PROJECTS APPROVED IN FY 2018:</u>							
*	94	Bowling Green, City of	\$46,540,000	\$4,540,000		7/6/17; 8/2/18	WX21227087 - Eng Fees for Wtr Treatment Plant Expansion
*	95	Bowling Green, City of	\$988,979	\$988,979		12/06/2017	N/A - Refinance of F00-01
*	96	Bowling Green, City of	\$2,284,113	\$2,284,113		12/06/2017	N/A - Refinance of F02-08
*	97	Carroll County Water District	\$800,281	\$800,281		12/06/2017	N/A - Refinance of F03-02
*	98	Ashland, City of	\$1,784,102	\$1,784,102		12/06/2017	N/A - Refinance of F03-01
*	99	Eddyville, City of	\$738,605	\$738,605		12/06/2017	N/A - Refinance of F03-04
*	100	Hopkinsville Electric System	\$4,300,000	\$1,800,000		06/12/2018	Broadband
TOTAL		\$57,436,080	\$12,936,081				

		TOTAL PROJECT AMOUNT	KIA AMOUNT	DATE APPROVED	COMMENTS	
<u>PROJECTS APPROVED IN FY 2019:</u>						
*	101	Lebanon, City of	\$50,000	\$50,000	07/10/2018	Surplus Property Equipment
*	102	Warren County Water District	\$2,176,573	\$2,000,000	12/11/2018	WX21227053 - New water storage tank
		TOTAL	\$2,226,573	\$2,050,000		
		KIA TOTALS	\$226,275,503	\$122,321,201		
		GRAND TOTALS (including KPAA)	\$154,346,201			

bold, italics - pending board approval

* Bonds have not been sold for these projects.

** Withdrew from bond sale.

(s) - Amount represented in the assistance agreement.

(c) - Final Amount. Includes capitalized interest and Note Program costs.

(n) - Participating in BAN's

KENTUCKY INFRASTRUCTURE AUTHORITY			
SAFE DRINKING WATER STATE REVOLVING FUND CFDA #66.468 ---- (FUND F)			
AVAILABLE FUNDS FY 1997:		AVAILABLE FUNDS FY 2009:	
FEDERAL TITLE VI GRANT FUNDS	\$12,558,800	FEDERAL TITLE VI GRANT FUNDS	\$8,543,000
BOND PROCEEDS (20%)	\$2,511,760	BOND PROCEEDS (20%)	\$1,708,600
ADMINISTRATION (4%)	(\$502,352)	ADMINISTRATION (4%)	(\$85,430)
OTHER SET ASIDES (As Amended)	(\$1,928,773)	OTHER SET ASIDES	(\$2,281,788)
NET 97 SRF FUNDS	\$12,639,435	NET 09 SRF FUNDS	\$7,884,382
AVAILABLE FUNDS FY 1998:		AVAILABLE FUNDS FY 2010:	
FEDERAL TITLE VI GRANT FUNDS	\$10,851,600	FEDERAL TITLE VI GRANT FUNDS	\$19,592,000
BOND PROCEEDS (20%)	\$2,170,320	BOND PROCEEDS (20%)	\$3,918,400
ADMINISTRATION (4%)	(\$434,064)	ADMINISTRATION (4%)	(\$783,680)
OTHER SET ASIDES	(\$1,085,160)	OTHER SET ASIDES	(\$4,564,936)
NET 98 SRF FUNDS	\$11,502,696	NET 10 SRF FUNDS	\$18,161,784
AVAILABLE FUNDS FY 1999:		AVAILABLE FUNDS FY 2011:	
FEDERAL TITLE VI GRANT FUNDS	\$11,373,500	FEDERAL TITLE VI GRANT FUNDS	\$13,595,000
BOND PROCEEDS (20%)	\$2,274,700	BOND PROCEEDS (20%)	\$2,675,800
ADMINISTRATION (4%)	(\$454,940)	ADMINISTRATION (4%)	(\$535,160)
OTHER SET ASIDES	(\$808,335)	OTHER SET ASIDES	(\$3,210,960)
LAND ACQUISITION SET ASIDE	\$357,500	NET 11 SRF FUNDS	\$12,524,680
NET 98 SRF FUNDS	\$12,742,425		
AVAILABLE FUNDS FY 2000:		AVAILABLE FUNDS FY 2012:	
FEDERAL TITLE VI GRANT FUNDS	\$11,820,400	FEDERAL TITLE VI GRANT FUNDS	\$12,956,000
BOND PROCEEDS (20%)	\$2,364,080	BOND PROCEEDS (20%)	\$2,591,200
ADMINISTRATION (4%)	(\$472,816)	ADMINISTRATION (4%)	(\$388,680)
OTHER SET ASIDES	(\$1,296,086)	OTHER SET ASIDES	(\$3,362,082)
LAND ACQUISITION SET ASIDE	\$0	NET 12 SRF FUNDS	\$11,796,438
NET 00 SRF FUNDS	\$12,415,578		
AVAILABLE FUNDS FY 2001:		AVAILABLE FUNDS FY 2013:	
FEDERAL TITLE VI GRANT FUNDS	\$11,869,300	FEDERAL TITLE VI GRANT FUNDS	\$12,156,000
BOND PROCEEDS (20%)	\$2,373,860	BOND PROCEEDS (20%)	\$2,431,200
ADMINISTRATION (4%)	(\$474,772)	ADMINISTRATION (4%)	(\$364,680)
OTHER SET ASIDES	(\$1,913,832)	OTHER SET ASIDES	(\$2,911,362)
LAND ACQUISITION SET ASIDE	\$252,130	NET 13 SRF FUNDS	\$11,311,158
NET 01 SRF FUNDS	\$12,106,686		
AVAILABLE FUNDS FY 2002:		AVAILABLE FUNDS FY 2014:	
FEDERAL TITLE VI GRANT FUNDS	\$9,805,100	FEDERAL TITLE VI GRANT FUNDS	\$13,770,000
BOND PROCEEDS (20%)	\$1,961,020	BOND PROCEEDS (20%)	\$2,754,000
ADMINISTRATION (4%)	(\$392,204)	ADMINISTRATION (4%)	(\$413,100)
OTHER SET ASIDES	(\$1,372,714)	OTHER SET ASIDES	(\$3,717,900)
NET 02 SRF FUNDS	\$10,001,202	NET 14 SRF FUNDS	\$12,393,000
AVAILABLE FUNDS FY 2003:		AVAILABLE FUNDS FY 2015:	
FEDERAL TITLE VI GRANT FUNDS	\$9,746,200	FEDERAL TITLE VI GRANT FUNDS	\$13,680,000
BOND PROCEEDS (20%)	\$1,949,240	BOND PROCEEDS (20%)	\$2,736,000
ADMINISTRATION (4%)	(\$389,848)	ADMINISTRATION (4%)	(\$547,200)
OTHER SET ASIDES	(\$1,383,960)	OTHER SET ASIDES	(\$3,693,600)
NET 03 SRF FUNDS	\$9,921,632	NET 15 SRF FUNDS	\$12,175,200
AVAILABLE FUNDS FY 2004:		AVAILABLE FUNDS FY 2016:	
FEDERAL TITLE VI GRANT FUNDS	\$10,110,200	FEDERAL TITLE VI GRANT FUNDS	\$12,941,000
BOND PROCEEDS (20%)	\$2,022,040	BOND PROCEEDS (20%)	\$2,588,200
ADMINISTRATION (4%)	(\$404,408)	ADMINISTRATION (4%)	(\$517,640)
OTHER SET ASIDES	(\$1,668,183)	OTHER SET ASIDES	(\$3,623,480)
NET 04 SRF FUNDS	\$10,059,649	NET 16 SRF FUNDS	\$11,388,080
AVAILABLE FUNDS FY 2005:		AVAILABLE FUNDS FY 2017:	
FEDERAL TITLE VI GRANT FUNDS	\$10,088,800	FEDERAL TITLE VI GRANT FUNDS	\$12,830,000
BOND PROCEEDS (20%)	\$2,017,760	BOND PROCEEDS (20%)	\$2,566,000
ADMINISTRATION (4%)	(\$403,552)	ADMINISTRATION (4%)	(\$513,200)
OTHER SET ASIDES	(\$1,715,096)	OTHER SET ASIDES	(\$3,592,400)
NET 05 SRF FUNDS	\$9,987,912	NET 17 SRF FUNDS	\$11,290,400
AVAILABLE FUNDS FY 2006:		AVAILABLE FUNDS FY 2018:	
FEDERAL TITLE VI GRANT FUNDS	\$8,630,300	FEDERAL TITLE VI GRANT FUNDS	\$18,303,000
BOND PROCEEDS (20%)	\$1,726,060	BOND PROCEEDS (20%)	\$3,660,600
ADMINISTRATION (4%)	(\$345,212)	ADMINISTRATION (4%)	(\$732,120)
OTHER SET ASIDES	(\$1,855,515)	OTHER SET ASIDES	(\$5,124,840)
NET 06 SRF FUNDS	\$8,155,633	NET 18 SRF FUNDS	\$16,106,640
AVAILABLE FUNDS FY 2007:		AVAILABLE FUNDS FY 2019:	
FEDERAL TITLE VI GRANT FUNDS	\$8,630,000	FEDERAL TITLE VI GRANT FUNDS	
BOND PROCEEDS (20%)	\$1,726,000	BOND PROCEEDS (20%)	
ADMINISTRATION (4%)	(\$345,200)	ADMINISTRATION (4%)	
OTHER SET ASIDES	(\$1,596,550)	OTHER SET ASIDES	
NET 07 SRF FUNDS	\$8,414,250	NET 19 SRF FUNDS	\$0

AVAILABLE FUNDS FY 2008:

FEDERAL TITLE VI GRANT FUNDS	\$8,543,000
BOND PROCEEDS (20%)	\$1,708,600
ADMINISTRATION (4%)	(\$341,720)
OTHER SET ASIDES	(\$1,836,745)
NET 08 SRF FUNDS	<u>\$8,073,135</u>

ACCUMULATED SRF FUNDS\$251,051,995**CURRENT REVOLV/SURPL FUND BAL**\$ 87,031,486**LEVERAGE FUND BALANCE**\$0

	TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT		DATE APPROVED	COMMENTS
<u>PROJECTS APPROVED IN FY 2000</u>					
1 HICKMAN, CITY OF	\$52,500	\$31,500 (s)		12/10/1999	F1
2 BOWLING GREEN, CITY OF	\$3,441,785	\$3,049,314 (c)		04/04/00	
3 PROVIDENCE, CITY OF	\$130,880	\$58,440 (c)		04/04/00	F1
4 GRAYSON, CITY OF	\$170,000	\$88,000 (c)		04/04/00	F1
TOTALS	<u>\$3,795,165</u>	<u>\$3,227,254</u>			
<u>PROJECTS APPROVED IN FY2001</u>					
5 PRINCETON, CITY OF	\$3,858,000	\$1,500,000 (c)		07/18/2000	
6 HARDINSBURG, CITY OF	\$2,096,910	\$500,000 (c)		07/18/2000	
7 PROVIDENCE, CITY OF	\$3,442,422	\$2,383,982 (c)		9/29/00	
8 SPRINGFIELD, CITY OF	\$5,791,000	\$610,000 (c)		8/29/00	
9 MOREHEAD, CITY OF	\$13,325,000	\$5,500,000 (c)		9/29/00; Amd 5/16/01; Amd 5/1/03	Combined from 2 proj.
10 HICKMAN, CITY OF	\$1,642,623	\$869,023 (c)		9/29/00	
11 GREATER FLEMING CO REG WAT COM	\$357,500	\$357,500 (c)		12/21/00; 2/1/05	Land Acq Set Aside
12 ASHLAND, CITY OF	\$2,512,626	\$2,190,384 (c)		3/1/01	
13 GRAYSON COUNTY WATER DISTRICT	\$4,400,000	\$3,930,850 (c)		4/5/01	
14 PINEVILLE, CITY OF	\$173,222	\$173,222 (c)		5/3/01	
TOTALS	<u>\$37,599,303</u>	<u>\$18,014,961</u>			
<u>PROJECTS APPROVED IN FY2002</u>					
15 LOGAN/TODD REG WAT COM	\$7,773,200	\$6,442,400 (c)		07/12/01	
16 CRITTENDEN/LIVINGSTON CO WD	\$1,500,000	\$1,451,881 (c)		07/12/01	
17 BULLOCK PEN WATER DISTRICT	\$408,088	\$350,367 (c)		10/4/01	
18 MOUNTAIN WATER DISTRICT	\$5,369,590	\$1,197,072 (c)		10/4/01	
19 GRAYSON, CITY OF	\$5,896,855	\$2,808,855 (c)		11/1/01; 12/12/02	Exec Com
20 LOGAN/TODD REG WAT COM	\$27,369,858	\$4,000,000 (c)		2/7/02	
21 NORTH LOGAN WATER DIST	\$800,000	\$447,000 (c)		3/7/02	
22 TAYLORSVILLE, CITY OF	\$2,800,000	\$1,241,766 (c)		5/2/02	
23 HOPKINSVILLE, CITY OF	\$1,513,593	\$1,513,593 (c)		6/6/02	
24 LOUISA, CITY OF	\$6,736,238	\$3,645,811 (c)		6/6/02	
25 BOONEVILLE, CITY OF	\$687,000	\$554,103 (c)		6/6/02	
TOTALS	<u>\$60,854,422</u>	<u>\$23,652,849</u>			
<u>PROJECTS APPROVED IN FY2003</u>					
26 MADISON CO UTILITY DISTRICT	\$3,560,000	\$3,299,999 (c)		7/11/02; 1/1/05	
27 BOWLING GREEN MUNICIPAL UTILITIES	\$12,244,000	\$3,980,000 (c)		9/25/02	
28 GREATER FLEMING REG WAT COMM	\$252,130	\$252,130 (c)		10/3/02	Land Acq Set Aside
29 BRACKEN CO WATER DISTRICT	\$928,000	\$928,000 (c)		10/3/02	
30 BULLOCK PEN WATER DISTRICT	\$1,229,000	\$1,210,604 (c)		12/12/02	Exec Com
31 CITY OF ASHLAND	\$14,459,550	\$4,000,000 (c)		6/5/03	
TOTALS	<u>\$32,672,680</u>	<u>\$13,670,733</u>			
<u>PROJECTS APPROVED IN FY2004</u>					
32 CARROLL CO WATER DISTRICT	\$1,956,156	\$1,908,662 (c)		9/4/03	
33 PAINTSVILLE, CITY OF	\$1,056,500	\$500,000 (c)		9/4/03	F1
34 EDDYVILLE, CITY OF	\$3,768,000	\$1,563,625 (c)		11/6/03	
35 HARLAN, CITY OF	\$5,020,000	\$1,597,552 (c)		11/6/03	
36 GREATER FLEMING REG WAT COM	\$13,059,330	\$4,000,000 (c)		12/4/03; 1/8/04	
37 MEADE COUNTY WATER DISTRICT	\$919,760	\$394,760 (c)		12/4/03	
38 HENDERSON WATER UTILITY	\$1,541,362	\$0		2/12/04	withdrawn
TOTALS	<u>\$27,321,108</u>	<u>\$9,964,599</u>			
<u>PROJECTS APPROVED IN FY2005</u>					
39 MCCREARY CO WATER DISTRICT	\$4,206,815	\$1,455,400 (c)		10/7/04	
40 MANCHESTER, CITY OF	\$359,500	\$359,500 (c)		3/3/05	F1
41 RICHMOND, CITY OF	\$14,690,222	\$8,000,000 (c)		5/5/05	
TOTALS	<u>\$19,256,537</u>	<u>\$9,814,900</u>			
<u>PROJECTS APPROVED IN FY 2006</u>					
42 HARDINSBURG, CITY OF	\$14,498,150	\$4,400,000 (c)		12/1/05; amd 8/1/07	
43 ADAIR CO WD DBA COLUMBIA/ADAIK UTIL DIST	\$14,000,000	\$4,520,000 (c)		6/1/06; 11/1/12	assumed from Columbia-Adiak Wat Com
44 HOPKINSVILLE, CITY OF	\$6,844,310	\$4,000,000 (c)		6/1/06	
TOTALS	<u>\$35,342,460</u>	<u>\$12,920,000</u>			
<u>PROJECTS APPROVED IN FY 2007</u>					
45 NORTHERN KY WATER DISTRICT	\$6,865,000	\$4,000,000 (c)		10/5/06	
46 ADAIR CO WATER DISTRICT	\$3,302,000	\$1,000,000 (c)		6/21/07	
47 JESSAMINE SOUTH ELKHORN WD	\$1,750,000	\$1,746,043 (c)		6/21/07	
TOTALS	<u>\$11,917,000</u>	<u>\$6,746,043</u>			

		TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT	DATE APPROVED	COMMENTS
<u>PROJECTS APPROVED FY 2008</u>					
48	LETCHER CO WAT & SEW DISTRICT	\$1,193,000	\$781,000 (c)	10/4/07	
49	RICHMOND, CITY OF	\$7,108,951	\$4,000,000 (c)	10/4/07	
50	MADISON CO UTILITY DIST	\$1,284,510	\$1,105,016 (c)	11/1/07; 10/9/08	
52	NICHOLASVILLE, CITY OF	\$13,090,400	\$8,800,000 (c)	11/1/07; 4/1/09	
53	BULLOCK PEN WATER DISTRICT	\$2,320,700	\$2,192,700 (c)	12/6/07	
54	HARDINSBURG, CITY OF	\$4,165,000	\$1,999,250 (c)	12/6/07	
55	BEREA, CITY OF	\$9,739,630	\$5,000,000 (c)	2/7/08; inc 11/6/08	
56	FRANKFORT, CITY OF	\$6,841,000	\$6,743,307 (c)	2/7/08	
57	MANCHESTER, CITY OF	\$7,849,078	\$1,989,578 (c)	2/7/08; 2/5/09	
58	MEADE CO WATER DISTRICT	\$2,480,949	\$753,447 (c)	2/7/08	
59	WESTERN FLEMING WATER DISTRICT	\$2,568,000	\$2,518,000 (c)	2/7/08	
60	HOPKINSVILLE, CITY OF	\$14,000,000	\$8,800,000 (c)	3/6/08; 5/7/09; 12/1/11	
61	NORTHERN KY WATER DISTRICT	\$6,565,000	\$4,000,000 (c)	3/6/08	
62	OHIO CO WATER DISTRICT	\$19,698,500	\$4,146,831 (c)	3/6/08; 6/4/09	
63	CENTERTOWN, CITY OF	\$2,866,652	\$1,097,430	3/6/08; 6/25/09	
TOTALS		\$101,771,370	\$53,926,559		
<u>PROJECTS APPROVED FY2009</u>					
64	PAINTSVILLE, CITY OF	\$29,135,364	\$6,519,566 (c)	12/4/08	
TOTALS		\$29,135,364	\$6,519,566		
<u>PROJECTS APPROVED FY2010</u>					
65	PADUCAH, CITY OF	\$7,510,000	\$7,282,508 (c)	9/3/09	
66	HARDINBURG, CITY OF	\$4,700,500	\$3,250,606 (c)	11/12/09	
67	NORTHERN KY WATER DISTRICT	\$45,300,000	\$24,000,000 (c)	12/3/09; 12/9/10; 10/6/11	
68	ADAIR CO WD DBA COLUMBIA/ADAIR UTIL DIST	\$1,694,000	\$1,694,000 (c)	6/3/10; 11/1/12	assumed from Columbia-Adair Wat Com
TOTALS		\$59,204,500	\$36,227,115		
<u>PROJECTS APPROVED FY2011</u>					
69	Adair Co Water District	\$4,133,000	\$4,000,000 (c)	7/1/10	
70	Louisa, City of	\$1,690,629	\$1,690,629 (c)	7/1/10	
71	Madison County Utilities District	\$940,225	\$940,225 (c)	12/9/10	
72	Hardinsburg, City of	\$4,198,000	\$4,000,000 (c)	2/3/11; 6/24/14	Request for increase withdrawn
73	Williamstown, City of	\$2,250,000	\$1,786,300 (c)	3/3/11	
74	Bullock Pen Water District	\$1,876,300	\$1,796,300 (c)	4/7/11; 11/01/12	
75	Brandenburg, City of	\$0	\$0	4/7/11	Request for funds withdrawn
76	Barbourville, City of	\$6,000,000	\$4,000,000 (c)	5/5/11	
77	Barlow, City of	WX21007022 \$520,000	\$430,000 (c)	5/5/11; 3/7/13	
78	West Liberty, City of	WX21007020 \$3,050,300	\$2,148,488.70 (c)	5/5/11; revised for ARRA fdg	
TOTALS		\$24,658,454	\$20,791,942		
<u>PROJECTS APPROVED FY2012</u>					
79	Breathitt Co Water District	\$2,500,000	\$2,500,000 (c)	7/7/11	
80	Adair Co WD dba Columbia Adair Utilities	\$3,439,000	\$1,451,905 (c)	8/4/11	
81	Jessamine South Elkhorn WD	\$3,025,300	\$3,025,300 (c)	11/10/11	
82	Hodgenville, City of	\$772,443	\$772,443 (c)	11/10/11	
83	East Casey County WD	\$1,545,000	\$1,545,000 (c)	11/10/11	
84	Nicholasville, City of	\$0	\$0	11/10/11	rescinded
85	Harrodsburg, City of	WX21167013 \$518,000	\$518,000 (c)	12/8/11; 3/7/13	
86	Bowling Green Municipal Utilities	\$1,316,378	\$1,066,250 (c)	12/8/11	
87	Carrollton, City of	\$1,850,270	\$1,977,731 (c)	12/8/11	
88	Mount Vernon, City of	WX21203523 \$3,023,310	\$3,023,310 (c)	1/5/12; 10/2/14	
89	Lyon Co WD	\$2,000,000	\$2,000,000 (c)	1/5/12	
90	Campbellsville, City of	WX21217003 \$1,874,986	\$1,874,986 (c)	3/1/12	
91	Centertown, City of	WX21183030; WX21183031 \$922,850	\$922,850 (c)	3/1/12	
92	Sturgis, City of	WX21225034 \$2,505,989	\$2,505,989 (c)	3/1/12	
93	Hartford, City of	WX21183020 \$564,150	\$486,840 (c)	6/7/12	
TOTALS		\$25,857,675	\$23,670,604		

			TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT	DATE APPROVED	COMMENTS
PROJECTS APPROVED IN FY 2013						
94	Adair Co WD dba Columbia Adair Uti	WX21001024	\$3,833,658	\$3,833,658 (c)	11/1/12	
95	Nicholasville, City of	WX21113042	\$983,400	\$488,400 (c)	12/6/12; 3/6/14; 9/3/15	
96	Nicholasville, City of	WX21113041	\$0	\$0	12/6/12; 3/6/14	Request for funds withdrawn
97	Danville, City of	WX21021017	\$28,608,171	\$12,467,849 (c)	2/7/13; 2/6/14; 6/26/14	
98	Madison Co Utility District	WX21151051	\$876,528	\$856,528 (c)	2/7/13	
99	Vanceburg, City of	WX21135017	\$849,878	\$849,878 (c)	2/7/13	
		WX21167022				
		WX21167026				
100	City of Harrodsburg	WX21167027	\$2,701,543	\$2,701,543 (c)	3/7/13; 6/26/14	
101	Frankfort Electric & Water Plant Boar	WX21073018	\$2,774,328	\$2,774,328 (c)	3/7/13	
102	Henry Co Water District #2	WX21103039	\$3,340,000	\$2,153,041 (c)	3/7/13	
103	Sebree, City of	WX21233108	\$1,835,738	\$815,475 (c)	4/4/13	
104	Carrollton, City of	WX21041001	\$1,757,706	\$1,657,988 (c)	5/2/13; 11/6/14	
105	Northern Ky Water District	WX21037003	\$9,824,000	\$8,000,000	5/2/13; 6/26/14	
106	Hopkinsville, City of	WX21047010	\$6,000,000	\$4,000,000	5/2/13	
107	Williamstown, City of	WX21081001	\$17,249,165	\$6,249,165 (c)	6/19/13; 5/1/14; 9/3/15	
TOTALS			\$80,634,115	\$46,847,854		
PROJECTS APPROVED IN FY 2014						
108	Garrison-Quincy KY-O-Heights WD	WX21135013	\$821,721	\$821,721 (c)	10/3/13	
109	Carrollton, City of	WX21041002	\$963,931	\$963,931 (c)	12/5/13	
110	Hardinsburg, City of	WX21027014	\$1,189,135	\$1,189,135 (c)	12/5/13	
111	Northern Ky Water District	WX21037004	\$5,734,000	\$3,545,910 (c)	12/5/13	
112	North Middletown, City of	WX21017019	\$429,595	\$429,595 (c)	2/6/14; 6/26/14	Interest rate reduction to .75%
113	Jenkins, City of	WX21133043	\$2,276,484	\$2,276,484 (c)	3/6/14	
114	Bullock Pen Water District	WX21081006	\$384,278	\$364,278 (c)	3/6/14	
115	Midway, City of	WX21239027	\$215,000	\$215,000 (c)	5/1/14	
116	Flatwoods, City of	WX21089064	\$277,822	\$277,822 (c)	6/26/14	
TOTALS			\$12,291,966	\$10,083,876		
PROJECTS APPROVED IN FY 2015						
117	Cumberland County WD	WX21057013	\$1,368,000	\$1,268,000 (c)	10/2/14	
118	Western Lewis-Rectorville Wtr & Gas Dist	WX21161039	\$1,280,000	\$1,266,500 (c)	10/2/14	
119	Henry County WD #2	WX21103037	\$3,254,000	\$2,222,244 (c)	10/2/14	
120	Northern Ky Water District	WX21037006	\$6,406,830	\$3,535,094 (c)	11/6/14	
121	Pineville, City of	WX21013918	\$154,928	\$154,928 (c)	11/6/14	F1
122	Lebanon, City of	WX21155039	\$3,230,000	\$3,230,000	12/4/14	
123	Monroe Co Water District	WX21171045	\$15,962,694	\$15,675,679	12/4/14; 7/2/15; 12/3/15; 6/12/18	
124	Campbellsville, City of	WX21217023	\$5,213,959	\$5,213,959 (c)	12/4/14	
125	Fleming-Neon, City of	WX21133029	\$143,598	\$143,598 (c)	12/4/14	
126	Burkesville, City of	WX21057017	\$621,323	\$621,323 (c)	2/5/15	
127	Whitley County Water District	WX21235434	\$966,973.33	\$966,973.33 (c)	4/2/15; 4/9/18	
128	Harrodsburg, City of	WX21167028	\$326,660	\$326,660 (c)	4/2/15	
129	Lebanon, City of	WX21155040	\$720,000	\$720,000 (c)	5/7/15	
130	Paducah, City of	WX21145085	\$4,508,000	\$2,341,796 (c)	5/7/15	
131	Ohio County Water District	WX21183039	\$1,630,000	\$1,630,000	6/4/15	
TOTALS			\$45,786,964	\$39,316,754		
PROJECTS APPROVED IN FY 2016						
132	Nicholasville, City of	WX21113040	\$416,120	\$416,120	7/2/15	F1
133	Crab Orchard, City of	WX21137045	\$265,000	\$0	8/6/15	Request for funds withdrawn
134	Bath Co Water District	WX21011034	\$885,878	\$885,878 (c)	9/3/15	
135	Cave Run Water Commission	WX21165023	\$700,000	\$700,000	10/1/15	
136	Crittenden-Livingston Co WD	WX21055009	\$978,850	\$978,850 (c)	10/1/15	
137	Cumberland Falls Highway WD	WX21235002	\$1,723,000	\$1,720,500	11/5/15	
138	Western Pulaski County WD	WX21199123	\$3,304,000	\$3,304,000	11/5/15	
139	Hopkinsville, City of	WX21047013	\$9,300,000	\$8,000,000	3/3/16	
140	Northern Kentucky Water District	WX21117003	\$5,385,000	\$4,000,000	3/3/16	
141	Southern Water and Sewer District	WX21071008	\$550,000	\$550,000	3/3/16	
142	Prestonsburg, City of	WX21071223	\$3,624,000	\$3,624,000	3/3/16	
143	Evarts, City of	WX21095642	\$275,000	\$275,000	4/7/16	
144	Salyersville, City of	WX21153013	\$45,128	\$45,128 (c)	4/7/16	
145	Cynthiana, City of	WX21097025	\$754,539	\$754,539 (c)	4/7/16	
146	Harrodsburg, City of	WX21167029	\$2,067,682	\$2,067,682 (c)	4/7/16	
147	Hodgenville, City of	WX21123017	\$889,872	\$889,872 (c)	5/5/16	
148	Hodgenville, City of	WX21123008	\$592,994	\$592,994 (c)	5/5/16	
TOTALS			\$31,757,063	\$28,804,563		
PROJECTS APPROVED IN FY 2017						
149	Olive Hill, City of	WX21043041	\$883,000	\$883,000	10/27/16	
150	Fleming Neon, City of	WX21133029	\$3,000,000	\$1,500,000	12/1/16	
151	Nicholasville, City of	WX21113041	\$553,000	\$553,000	3/2/17	
152	Stanford, City of	WX21137051	\$4,100,000	\$2,690,000	3/2/17	
153	Irvine, City of	WX21065005	\$6,932,000	\$6,932,000	3/2/17; 1/8/19	
154	Southern Water & Sewer District	WX21071730	\$1,350,000	\$1,350,000	3/2/17	
155	Campbellsville, City of	WX21217025	\$8,300,000	\$7,970,000	6/1/17; 7/10/18	
TOTALS			\$25,118,000	\$21,878,000		

			TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT	DATE APPROVED	COMMENTS
PROJECTS APPROVED IN FY 2018						
156	Morehead, City of	WX21205048	\$28,428,000	\$1,297,200	12/6/17	
157	Green-Taylor Water District	WX21217027	\$1,963,390	\$1,963,390	2/1/18	
158	City of Lebanon	WX21155043	\$2,641,680	\$2,641,680	2/1/18	
159	South Shore, City of	WX21089089	\$878,000	\$878,000	3/1/18	
160	Frankfort Electric & Water Plant Boar	WX21073012	\$4,000,000	\$4,000,000	4/9/18	
161	Louisa, City of	WX21127021	\$834,430	\$834,430	4/9/18	
162	Lancaster, City of	WX21079015	\$11,000,000	\$4,000,000	5/8/18	
163	Salysersville	WX21153013	\$705,982	\$655,982	5/8/18	
TOTALS			\$50,451,482	\$16,270,682		
PROJECTS APPROVED IN FY 2019						
164	Pineville, City of	WX21013918	\$2,084,590	\$1,864,590	7/10/18	
165	Cynthiana, City of	WX21097026	\$954,565	\$954,565	11/13/18	
166	Paintsville Utilities Commission	WX21115028	\$2,010,000	\$2,010,000	12/11/18	
167	Jamestown, City of	WX21207025	\$1,000,000	\$500,000	12/11/18	
168	Burnside, City of	WX21199128	\$2,227,000	\$2,227,000	1/8/19	
169	Green-Taylor Water District	WX21087022	\$564,600	\$564,600	1/8/19	
170	Hardinsburg, City of	WX21027053	\$760,280	\$760,280	1/8/19	
171	Morehead, City of	WX21205048	\$28,428,000	\$5,257,000	3/7/19	
TOTALS			\$38,029,035	\$14,138,035		
GRAND TOTALS - COMMITMENTS			\$753,454,664	\$416,486,889		

bold, italics - pending board approval
(c) - Final amounts; Loan has been closed
(s) - Amount represented in the assistance agreement
(F1) - Planning and Design Loan

<p align="center">KENTUCKY INFRASTRUCTURE AUTHORITY SAFE DRINKING WATER STATE REVOLVING FUND CFDA #66.468 ---- (FUND F2) AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009</p>
--

AVAILABLE FUNDS FFY 2009:

FEDERAL ARRA GRANT FUNDS	\$20,450,000
ADMINISTRATION (4%)	(\$818,000)
OTHER SET ASIDES	(\$715,750)
Transferred from Admin to Construction	\$369,683
NET ARRA FUNDS	<u>\$19,285,933</u>

	TOTAL PROJECT AMOUNT	KIA AMOUNT	FIRST USE FUNDS	DATE APPROVED
PROJECTS APPROVED IN SFY 2009:				
1 CENTERTOWN, CITY OF	\$2,866,652	\$222,606 (c)	\$222,606	6/25/09
2 SPRINGFIELD, CITY OF	\$4,000,000	\$947,901 (c)	\$947,901	6/25/09
TOTALS	\$6,866,652	\$1,170,507	\$1,170,507	
PROJECTS APPROVED IN SFY 2010:				
3 BREATHITT CO WATER DISTRICT	\$1,322,000	\$572,000 (c)	\$572,000	7/9/09; 11/24/09
4 WHITESBURG, CITY OF	\$171,840	\$171,794 (c)	\$171,794	7/9/09
5 MCKEE, CITY OF	\$1,100,000	\$1,099,903 (c)	\$1,099,903	8/6/09
6 BLACK MTN UTILITY DISTRICT	\$2,650,000	\$500,000 (c)	\$500,000	8/6/09
7 ELKTON, CITY OF	\$174,800	\$174,374 (c)	\$174,374	8/20/09
8 BLUEGRASS STATION	\$3,498,452	\$1,855,004 (c)	\$1,855,004	8/20/09
9 DAWSON SPRINGS, CITY OF	\$2,120,000	\$2,120,000 (c)	\$2,120,000	8/20/09
10 BURKESVILLE, CITY OF	\$1,153,000	\$1,153,000 (c)	\$1,153,000	9/3/09
11 LOUISVILLE WATER COMPANY	\$18,508,832	\$4,173,200 (c)	\$4,173,200	9/3/09; 2/4/10
12 JACKSON, CITY OF	\$1,500,000	\$1,500,000 (c)	\$1,500,000	9/3/09
13 PRESTONBURG, CITY OF	\$805,000	\$805,000 (c)	\$805,000	10/1/09
14 WINCHESTER, CITY OF	\$1,100,000	\$741,450 (c)	\$741,450	10/1/09
15 CAMPTON, CITY OF	\$6,966,088	\$683,200 (c)	\$683,200	10/1/09
16 WESTERN MASON WATER DISTRICT	\$578,000	\$500,000 (c)	\$500,000	10/1/09
17 GREENUP, CITY OF	\$2,915,099	\$1,381,963 (c)	\$1,381,963	11/12/09
18 WEST LIBERTY, CITY OF	\$3,050,300	\$684,537	\$684,537	5/5/11; revised from base fdg
TOTALS	\$44,563,111	\$18,115,426	\$18,115,426	
GRAND TOTALS - COMMITMENTS	\$51,429,763	\$19,285,933	\$19,285,933	
BALANCE AVAILABLE FOR LOAN			\$0	

bold, italics - pending board approval

(c) - Final amounts; Loan has been closed

(s) - Amount represented in the assistance agreement