



Board Meeting Booklet
for
May 7, 2015

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
May 7, 2015 – 1:00 p.m.

Call to Order:

Chair Tony Wilder

- 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 April 2, 2015
<i>(Attachment I.A.1.)</i> | Chair Tony Wilder | 9 |
| 2. Consideration of Approval of the Minutes of the Kentucky Infrastructure Authority Executive Committee Meeting of April 23, 2015
<i>(Attachment I.A.2.)</i> | Chair Tony Wilder | 21 |

B. New Projects / Action Items

- | | | |
|--|---|----|
| 1. Resolution and Order of the Board of Directors Authorizing Approval for the Filing of an Application with the United States Environmental Protection Agency for the Federal Fiscal Year 2015 Capitalization Grant for the Drinking Water Revolving Fund
<i>(Attachment I.B.1.)</i> | Mr. Jeff Abshire, KIA | 25 |
| 2. Resolution and Order of the Board of Directors Authorizing Approval for the Filing of an Application with the United States Environmental Protection Agency for the Federal Fiscal Year 2015 Capitalization Grant for the Wastewater Revolving Fund
<i>(Attachment I.B.2.)</i> | Mr. Jeff Abshire, KIA | 29 |
| 3. Resolution and Order of the Board of Directors for Approval of a Fund A loan (A15-035) in the amount of \$8,684,115 to the City of Corbin, Laurel County, Kentucky (SX21235117)
<i>(Attachment I.B.3.)</i> | Mr. Jory Becker, DOW
Ms. Jami Johnson, KIA | 33 |
| 4. Resolution and Order of the Board of Directors for Approval of a Fund A loan (A15-092) in the amount of \$747,041 to the City of Frankfort, Franklin County, Kentucky (SX21073063)
<i>(Attachment I.B.4.)</i> | Mr. Jory Becker, DOW
Ms. Brandi Armstrong, KIA | 45 |

Page Left Blank
for 2 Sided Printing

<p>5. Resolution and Order of the Board of Directors for Approval of a Fund A loan (A15-095) in the amount of \$1,570,000 to the City of Frankfort, Franklin County, Kentucky (SX21073066) <i>(Attachment I.B.5.)</i></p>	<p>Mr. Jory Becker, DOW Ms. Brandi Armstrong, KIA</p>	<p>57</p>
<p>6. Resolution and Order of the Board of Directors for Approval of a Fund A loan (A15-098) in the amount of \$1,500,000 to the City of Frankfort, Franklin County, Kentucky (SX21073067) <i>(Attachment I.B.6.)</i></p>	<p>Mr. Jory Becker, DOW Ms. Brandi Armstrong, KIA</p>	<p>69</p>
<p>7. Resolution and Order of the Board of Directors for Approval of a Fund A loan (A15-101) in the amount of \$1,320,000 to the City of Frankfort, Franklin County, Kentucky (SX21073062) <i>(Attachment I.B.7.)</i></p>	<p>Mr. Jory Becker, DOW Ms. Brandi Armstrong, KIA</p>	<p>81</p>
<p>8. Resolution and Order of the Board of Directors for Approval of a Fund A loan (A15-094) in the amount of \$3,500,000 to the City of Glasgow, Barren County, Kentucky (SX21009018) <i>(Attachment I.B.8.)</i></p>	<p>Mr. Jory Becker, DOW Ms. Debbie Landrum, KIA</p>	<p>93</p>
<p>9. Resolution and Order of the Board of Directors for Approval of a Fund A loan (A15-019) in the amount of \$4,156,000 to the City of Liberty, Casey County, Kentucky (SX21045002) <i>(Attachment I.B.9.)</i></p>	<p>Mr. Jory Becker, DOW Ms. Jami Johnson, KIA</p>	<p>105</p>
<p>10. Resolution and Order of the Board of Directors for Approval of a Fund F loan (F15-057) in the amount of \$720,000 to the City of Lebanon, Marion County, Kentucky (WX21155040) <i>(Attachment I.B.10.)</i></p>	<p>Mr. Jory Becker, DOW Ms. Debbie Landrum, KIA</p>	<p>117</p>
<p>11. Resolution and Order of the Board of Directors for Approval of a Fund F loan (F15-064) in the amount of \$4,493,000 to the City of Paducah, McCracken County, Kentucky (WX21145085) <i>(Attachment I.B.11.)</i></p>	<p>Mr. Jory Becker, DOW Ms. Brandi Armstrong, KIA</p>	<p>129</p>
<p>12. 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 <i>(Attachment I.B.12.)</i></p>	<p>Ms. Brandi Armstrong, KIA</p>	<p>141</p>
<p>II. EXECUTIVE DIRECTOR’S REPORT</p>	<p>Mr. John Covington, KIA</p>	
<p>III. STATUS REPORTS FOR FUNDS A, A2, B, B1, C, F, F2</p>	<p>Mr. John Covington, KIA</p>	<p>147</p>
<p>IV. ANNOUNCEMENTS/NOTIFICATIONS</p>	<p>Mr. John Covington, KIA</p>	

Page Left Blank
for 2 Sided Printing

Next KIA Board Meeting:
Tentatively set for Thursday, June 5, 2015
Kentucky Infrastructure Authority
1024 Capital Center Drive, Suite 340, Frankfort

V. ADJOURN

Chair Tony Wilder

Page Left Blank
for 2 Sided Printing

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

I.A.1.

Page Left Blank
for 2 Sided Printing

**KENTUCKY INFRASTRUCTURE AUTHORITY
Minutes of the Full Board**

Meeting Date/Location: April 2, 2015 – 1:00 p.m.
Kentucky Infrastructure Authority
1024 Capital Center Drive, Suite 340, Frankfort

Members present:

Mr. Tony Wilder, Commissioner, Department for Local Government
Mr. Sam Ruth, Finance and Administration Cabinet
(proxy for Secretary Lori H. Flanery, FAC)
Ms. Lona Brewer, Energy and Environment Cabinet
(permanent proxy for Secretary Leonard K. Peters, EEC)
Mr. Robert Aldridge, Economic Development Cabinet
(proxy for Secretary Larry Hayes (EDC)
Mr. Jeff Derouen, Executive Director, Public Service Commission
Mr. C. Ronald Lovan, representing the American Water Works Association
Mr. Damon Talley, representing the Kentucky Rural Water Association
Mr. David W. Cartmell, Mayor, City of Maysville, representing the Kentucky League of Cities
Mr. Marty T. Ivy, representing the Kentucky Municipal Utilities Association

Members absent:

Mr. Jody Jenkins, Union County Judge Executive, representing the Kentucky Association
of Counties
Ms. Linda C. Bridwell, representing for-profit private water companies

Guests:

Ms. Anshu Singh, Division of Water
Mr. Grondell Potter, Mountain Water District
Mr. Jody Hunt, Summit Engineering
Mr. Mitch Brunnsma, Vaughn & Melton
Mr. John Callihan, Barbourville Utility Commission
Mr. Ralph Johnstone, Sanitation District #1
Ms. Ashley Bode, Sanitation District #1
Mr. William Ballard, East Clark County Water District
Mr. Bryan Kirby, CEDA, Inc.
Mr. Bob Amato, City of Nicholasville
Ms. Laura Gilkerson, GRW Engineers, Inc.
Mr. John Brady, Office of Financial Management
Mr. Andy Meadors, Whitley County Water District
Mr. Tim Schwendeman, Cumberland Valley Area Development District
Mr. Ken Taylor, Kenvirons, Inc.

PROCEEDINGS

Chair Tony Wilder called the meeting of the Kentucky Infrastructure Authority (KIA) Board to order. Mr. Wilder asked board members and guests to introduce themselves. Board Member David Cartmell was introduced as Mayor of Maysville, one of the 18 Most Charming Small Towns in America according to Country Living magazine. Chair Wilder confirmed that a quorum was present and that the press had been notified regarding the meeting.

New Kentucky Infrastructure Authority staff member Meg Link was introduced to the board.

I. BUSINESS (Board Action Required)

A. 1. APPROVAL OF MINUTES

For: KIA Regular Board Meeting of February 5, 2015

Mr. Damon Talley moved to approve the minutes of the February 5, 2015, regular board meeting. Ms. Lona Brewer seconded, and the motion carried unanimously.

B. NEW PROJECTS/ACTION ITEMS

Chair Wilder advised that the board would consider in sequence two projects, both to the City of Barbourville, listed in the agenda as Action Item 1, Fund A Loan A15-006 and Action Item 9, Fund B Loan B15-005.

1. 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 (A15-006) IN THE AMOUNT OF \$1,856,109 TO THE CITY OF BARBOURVILLE F/B/O BARBOURVILLE UTILITY COMMISSION, KNOX COUNTY, KENTUCKY

Ms. Anshu Singh, DOW, and Ms. Jami Johnson, KIA, presented the Fund A loan A15-006 project to the Board. The City of Barbourville f/b/o Barbourville Utility Commission requested a \$1,856,109 Fund "A" loan for the Barbourville Sewer Rehab project. The project will TV inspect, smoke test and rehabilitate approximately 63,000 linear feet of gravity sewer collection lines using slip lining, trenchless pipe bursting, and point repairs to correct the inflow and infiltration entering the system.

Mr. Marty Ivy moved to approve Fund A Loan A15-006 in the amount of \$1,856,109 to the City of Barbourville f/b/o of Barbourville Utility Commission with the standard conditions. Mr. Damon Talley seconded, and the motion was unanimously approved.

2. A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING ISSUANCE OF A CONDITIONAL COMMITMENT FOR AN INFRASTRUCTURE REVOLVING FUND LOAN (B15-005) OF \$130,000 TO THE CITY OF BARBOURVILLE F/B/O BARBOURVILLE UTILITY COMMISSION, KNOX COUNTY, KENTUCKY

Ms. Debbie Landrum, KIA, presented the project to the Board. The City of Barbourville f/b/o Barbourville Utility Commission requested a \$130,000 Fund B loan for the Barbourville Levee Certification project. The City operates a levee to protect against flooding from the Cumberland River. The system includes 3.79 miles of levee, four storm water pump stations, and seven closure structures. The City has entered into an agreement with FEMA to prepare a 44CFR54.10 certification of the levee system. The certification must be completed every ten years. If this certification is not completed, FEMA's recourse is to publish flood insurance rate maps of the city as though no levee were present. This would be a significant burden to both residents and commercial establishments in the current zone of protection.

Mr. Damon Talley moved to approve the Fund B loan B15-005 in the amount of \$130,000 to the City of Barbourville f/b/o Barbourville Utility Commission with the standard conditions Mr. Sam Ruth seconded, and the motion was unanimously approved.

The board then considered in sequence three projects to the City of Harrodsburg, listed in the agenda as Action Item 2, Fund A Loan A15-074, Action Item 3, Fund A Loan A15-075, and Action Item 11, Fund F Loan F15-031.

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 (A15-074) IN THE AMOUNT OF \$10,000,000 TO THE CITY OF HARRODSBURG, MERCER COUNTY, KENTUCKY

Ms. Anshu Singh, DOW, and Ms. Brandi Armstrong-Norton, KIA, presented the Fund A loan A15-074 project to the Board. The City of Harrodsburg requested a \$10,000,000 Fund A loan for the Wastewater Treatment Plant Expansion project. The project will upgrade and expand the existing plant that has capacity to operate at 2.6 MGD. The current system is aged and showing signs of distress within the sludge press. After expansion, the plant will have a 3.5 MGD capacity that will include oxidation ditch treatment services to replace the current outdated treatment process. The project will allow future services to city and county residential and industrial customers.

4. A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING ISSUANCE OF A CONDITIONAL COMMITMENT FOR AN FEDERALLY ASSISTED CLEAN WATER REVOLVING FUND A LOAN (A15-075) IN THE AMOUNT OF \$810,000 TO THE CITY OF HARRODSBURG, MERCER COUNTY, KENTUCKY

Ms. Anshu Singh, DOW, and Ms. Brandi Armstrong-Norton, KIA, presented the Fund A loan A15-075 project to the Board. The City of Harrodsburg requested a \$810,000 Fund A loan for the Harrodsburg Corning Pump Station and Force Main project. The project will re-route existing wastewater flows that are currently being discharged into an aged downtown collection system that frequently overflows due to pipe restrictions. The project will install a pump station and lines that will relieve the downtown system by improving the hydraulics and reducing the overflows. The new pump will also provide additional capacity for adjacent areas of the system by discharging flows to the newer wastewater system.

Mr. Damon Talley moved to approve Fund A Loan A15-074 in the amount of \$10,000,000 to the City of Harrodsburg and Fund A loan A15-075 in the amount of \$810,000 to the City of Harrodsburg, both with the standard conditions. Mr. Sam Ruth seconded, and the motion was unanimously approved.

- 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 F LOAN (F15-031) IN THE AMOUNT OF \$326,660 TO THE CITY OF HARRODSBURG, MERCER COUNTY, KENTUCKY**

Ms. Anshu Singh, DOW, and Ms. Brandi Armstrong-Norton, KIA, presented the Fund F loan F15-031 project to the Board. The City of Harrodsburg requested a Fund F loan in the amount of \$326,660 for the College and Chestnut Street Water Lines project. The project will create additional loops within the City's water system by connecting an existing six inch water line to a twelve inch water main on the Harrodsburg Bypass. The loops will help water quality by allowing consistent water movement, which may result in lower disinfection by-products. This project will also replace corroded water lines in inaccessible areas between College and Chestnut Streets.

Mr. Damon Talley inquired about the status of the City's USDA Rural Development loan and was told that the application has been submitted and is under review.

Mr. Damon Talley moved to approve the Fund F loan F15-031 in the amount of \$326,660 to the City of Harrodsburg with the standard conditions. Mr. Marty Ivy seconded, and the motion was unanimously approved.

- 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 (A15-077) IN THE AMOUNT OF \$3,102,921 TO THE MOUNTAIN WATER DISTRICT, PIKE COUNTY, KENTUCKY**

Ms. Anshu Singh, DOW, and Ms. Jami Johnson, KIA, presented the Fund A loan A15-077 project to the Board. The Mountain Water District requested a Fund A loan in the amount of \$3,102,921 for the Douglas Wastewater Treatment Plant

project. The project will construct a new wastewater treatment plant to replace its existing plant using membrane technology. The plant will increase capacity from 200,000 gallons per day (GPD) to 300,000 GPD and add headwork designed to expand capacity to 400,000 GPD. The plant is currently at maximum capacity, and the expansion will allow more customers to be added to the service. Another component to this project is rehabilitation to the lift stations to increase reliability of the sewer collection system. The District will install high efficiency pumps and motors in conjunction with advanced electrical controllers. Odor and corrosion control systems will be installed at the lift stations upstream of the new treatment plant that will assist in minimizing hydrogen sulfide issues to the more developed area.

Mr. Jeff Derouen indicated that he would be abstaining from a vote on this motion. Mr. Damon Talley asked about the membrane technology that will be used in the plant. Ms. Singh responded that DOW concluded that it is the best option for this particular situation. It is believed that more systems will be moving to the use of this technology. The board was advised that the District's rate increase application is scheduled for a Public Service Commission hearing. In response to Mr. Ron Lovan's inquiry, it was confirmed that the system is still being operated by a contract operator.

Mr. Damon Talley moved to approve Fund A Loan A15-077 in the amount of \$3,102,921 to the Mountain Water District with the standard conditions. Mr. Sam Ruth seconded, and the motion was approved with Mr. Jeff Derouen abstaining.

7. **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 (A15-090) IN THE AMOUNT OF \$340,980 TO THE CITY OF NICHOLASVILLE, JESSAMINE COUNTY, KENTUCKY**

Ms. Anshu Singh, DOW, and Ms. Jami Johnson, KIA, presented the project to the Board. The City of Nicholasville requested a Fund A loan in the amount of \$340,980 for the Orchard Parallel Sanitary Sewer Project. This project will replace and upsize 2,445 linear feet (LF) of an existing gravity sewer to provide sufficient capacity to convey wastewater flows downstream of and in the Orchard area of Nicholasville to improve the surface water quality. The project will also reduce the incidence and duration of wet weather overflows from seven existing manholes.

Mr. Marty Ivy moved to approve the Fund A Loan A15-090 in the amount of \$340,980 to the City of Nicholasville with the standard conditions. Mr. Damon Talley seconded, and the motion was unanimously approved.

The board then considered two projects to Sanitation District No. 1, serving Boone, Campbell, and Kenton counties, listed in the agenda as Action Item 6, Fund A Loan A15-102 and Action Item 7, Fund A Loan A15-103.

8. A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING ISSUANCE OF A CONDITIONAL COMMITMENT FOR A FEDERALLY ASSISTED WASTEWATER REVOLVING FUND A LOAN (A15-102) IN THE AMOUNT OF \$3,000,000 TO THE SANITATION DISTRICT NO. 1, BOONE, CAMPBELL, AND KENTON COUNTIES, KENTUCKY

Ms. Anshu Singh, DOW, and Mr. Jeff Abshire, KIA, presented the project to the Board. Sanitation District No.1 requested a Fund A loan in the amount of \$3,000,000 for the Highland Pike Sewer Replacement project. The project will replace over 2,400 feet of existing ten inch gravity sewer using trenchless horizontal directional drilling. The existing sewer line was severely damaged by a large landslide in 2009. A temporary above ground bypass line was constructed to maintain sanitary service, and is anchored along the top of the slope by cloth straps, steel cable, and buried concrete anchors. The temporary bypass will inevitably fail in the near future, resulting in a sewage release and extensive costs related to clean up and bypass pumping unless a more permanent solution can be implemented. Mr. Jeff Derouen confirmed with Mr. Abshire that the District's current rates are deemed sufficient to cover the additional liability.

9. A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING ISSUANCE OF A CONDITIONAL COMMITMENT FOR A FEDERALLY ASSISTED WASTEWATER REVOLVING FUND A LOAN (A15-103) IN THE AMOUNT OF \$2,750,194 TO THE SANITATION DISTRICT NO. 1, BOONE, CAMPBELL, AND KENTON COUNTIES, KENTUCKY

Ms. Anshu Singh, DOW, and Mr. Jeff Abshire, KIA, presented the project to the Board. Sanitation District No.1 requested a Fund A loan in the amount of \$2,750,194 for the Patton and 8th Street Wet Well Rehabilitation project. These two combination flood pump stations and sanitary lift stations have experienced significant deterioration and are at risk of failure. A failure of the concrete trough in either of the two wet wells would result in a very large volume of sewage released to the Licking River. This project will rehabilitate the concrete and reinforcing steel and provide a hydrogen sulfide protective coating to extend the life of the existing structures. There will also be replacement of corroded metal work within the wet well areas.

Mr. Ron Lovan moved to approve Fund A Loan A15-102 in the amount of \$3,000,000 to Sanitation District No. 1 and Fund A loan A15-103 in the amount of \$2,750,194 to Sanitation District No. 1, both with the standard conditions. Mr. David Cartmell seconded, and the motion was unanimously approved.

10. A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING AN AMENDMENT TO THE CONDITIONAL COMMITMENT FOR AN INFRASTRUCTURE REVOLVING FUND LOAN (B12-09) INCREASING THE AMOUNT TO \$1,882,411 TO THE CITY OF SOUTH SHORE, GREENUP COUNTY, KENTUCKY

Ms. Brandi Armstrong-Norton, KIA, presented the project to the Board. The City of South Shore requested an increase of \$282,411 to a previously approved Fund “B” loan in the amount of \$1,600,000 for the South Shore Water Works (SSWW) purchase project. The original loan was for the purchase of SSWW from a private owner, which was completed on June 1, 2013. Water quality and reliability were concerns prior to the purchase, and the City was aware that a significant investment would be required in the aging treatment and distribution systems. The City identified the highest priority as being replacement of the 150,000 gallon clearwell, which has exceeded its useful life and has deteriorated significantly. The clearwell loses approximately 10,000 gallons of water per day due to its concrete block walls cracking and shifting. Additionally, the structure housing it has a deteriorated roof, and the structural beams have severe corrosion. A catastrophic failure of the clearwell or collapse of the housing structure would lead to major outages that would have a significant adverse effect on customers. The proposed project would replace the clearwell with a 100,000 gallon structure and eliminate the risk of a controllable structural failure.

Mr. Damon Talley asked about the status of the acquisition and consolidation of the privately owned South Shore Water Works with the City of South Shore, and Mr. Jeff Derouen asked if any required Public Service Commission rulings have been completed. City officials responded that the acquisition process was approved and the system consolidation completed about two years ago.

Mr. Damon Talley moved to approve the increase of \$282,411 to Fund B loan B12-09 for a total amount of \$1,882,411 to the City of South Shore with the standard conditions. Ms. Lona Brewer seconded, and the motion was unanimously approved.

11. 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 (F15-030) OF \$932,500 TO THE WHITLEY COUNTY WATER DISTRICT, WHITLEY COUNTY, KENTUCKY

Ms. Anshu Singh, DOW, and Ms. Brandi Armstrong-Norton, KIA, presented the project to the Board. The Whitley County Water District requested a Fund F loan in the amount of \$932,500 for the Water System Improvement project. The project will replace 36,400 linear feet of deteriorated water lines across the Fairview, Savoy, Fabor, and Woodbine areas of Whitley County. Many of the lines are undersized and have frequent leaks. The District will also replace 700 conventional meters with radio read meters. The project will reduce purchased water costs, maintenance expense, and transportation costs.

Mr. Jeff Derouen indicated that he would be abstaining from a vote on this motion.

Mr. Damon Talley moved to approve the increase to Fund F loan F15-030 in the amount of \$932,500 to the Whitley County Water District with the standard conditions. Mr. Sam Ruth seconded, and the motion was approved with Mr. Jeff Derouen abstaining.

12. 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

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:

APPLICANT	FUND	AMOUNT
City of Barbourville	A15-006	\$ 1,856,109
City of Harrodsburg	A15-074	\$10,000,000
City of Harrodsburg	A15-075	\$ 810,000
Mountain Water District	A15-077	\$ 3,102,921
City of Nicholasville	A15-090	\$ 340,980
Sanitation District No. 1 of Northern Kentucky	A15-102	\$ 3,000,000
Sanitation District No. 1 of Northern Kentucky	A15-103	\$ 2,750,194
City of South Shore (increase)	B12-09	\$ 1,882,411
City of Barbourville	B15-005	\$ 130,000
Whitley County Water District	F15-030	\$ 932,500
City of Harrodsburg	F15-031	\$ 326,660

Mr. David Cartmell moved to approve the resolution. Mr. Ron Lovan seconded, and the motion carried unanimously.

II. EXECUTIVE DIRECTOR’S REPORT

Kentucky Infrastructure Authority Executive Director John Covington reported that HB 276, which amended KRS 224A.111 to provide for a 30 year payback for wastewater loans using federal funds, was passed by the legislature and signed into law by the governor. It will go into effect on July 15, 2015. Mr. Covington told the board that after consulting with legal staff, it has been determined that such loans can be approved before that date, but that loan agreements cannot be executed until after that date. Federal law allows such loans to be made for a term of 30 years or the useful life of the project. He stressed that the Authority will continue to look at applications in the same way as always, taking into account the useful life of the project.

Mr. Covington also asked board members to take under consideration the possibility of granting 30-year loan terms for wastewater projects in hardship situations, as is currently done for drinking water projects. The board will need to address the question of to whom 30-year loans will be offered, possibly limiting them to circumstances such as hardship conditions in the community or a significant impact on rates, or if the extended term should be made available for anyone. Mr. Jeff Derouen asked if this decision will be establishing board policy. Mr. Covington explained that the board is limited in what it can establish, as the Authority’s regulations determine how this process can be implemented. The board would actually be establishing guidelines based on the regulations, rather than policy. Mr.

Jeff Abshire told the board that the Fund A regulation allows the Authority to proceed as allowed by federal law.

Mr. Covington told the board that the issuing of bonds given preliminary approval at last month's meeting is moving forward. The necessary state approvals have been given for bond issues, and market conditions are still favorable. The anticipated total bond issue size is \$85 million, \$75 million for Funds A and F and \$10 million for Fund C. The potential Fund A and Fund F savings of approximately 4.5 percent will benefit the programs by increasing the capacity to leverage bonds in the future and make loans. The estimated savings for Fund C will be about 6.9 percent, with bonds issued for an estimated \$5 million in new money. This will benefit the program by the addition of capital to make Fund C loans and to take advantage of low interest rates that will help to sustain the program.

Mr. Covington brought a potential change in the Clean Water SRF program to the board's attention. A couple of years ago a situation with Big Valley Sanitation District in Bullitt County came before the board. The owner died and there was no one to take it over. The Bullitt County Sanitation District had no funds to operate it. In that case, the board made an exception to guidelines, granting a loan with 95 percent principal forgiveness in order to get the situation moving forward, and it was successful. It has come to the Authority's attention that there are other similar situations in the Commonwealth that need to be addressed. In the SRF program there is an amount that is to be used for principal forgiveness, based on the amount of capitalization grant received. What is being proposed is a set aside of approximately \$500,000 of the principal forgiveness amount to use for such situations. Division of Water will establish guidelines on the types of situations eligible, and the Authority would offer 90-95 percent principal forgiveness. There would only be a small loan repayment. Mr. Covington reported that Division of Water staff is very supportive of this plan, and will help to develop a meaningful way to determine how to identify which projects would be eligible. This principal forgiveness would only be available in dire or emergency situations in which the funds would make a big impact and encourage consolidation and achieve some of the goals the Authority and Division of Water want to achieve. These loans could only be made to publicly owned utilities, and would be to provide the necessary initial funding.

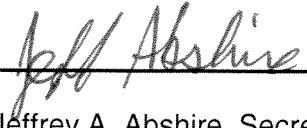
III. STATUS REPORT FOR FUNDS A, A2, B, B1, C, F, F2

IV. ANNOUNCEMENTS/NOTIFICATIONS


- Next scheduled KIA board meeting:
Tentatively set for Thursday, May 7, 2015
1024 Capital Center Drive, Suite 340
Frankfort, Kentucky

There being no further business Mr. David Cartmell moved to adjourn. Mr. Sam Ruth seconded and the motion carried unanimously. The April 2, 2015, regular meeting of the Board of the Kentucky Infrastructure Authority was adjourned.

Submitted by:



Jeffrey A. Abshire, Secretary
Kentucky Infrastructure Authority



Date

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

I.A.2.

Page Left Blank
for 2 Sided Printing

**KENTUCKY INFRASTRUCTURE AUTHORITY
Minutes of the Executive Committee**

**Meeting Date/Location: 3:00 p.m. on April 23, 2015
Kentucky Infrastructure Authority
1024 Capital Center Drive, Suite 340, Frankfort**

Members present:

Mr. Damon Talley, Vice Chair, representing the Kentucky Rural Water Association

Mr. Darren Sammons, Department for Local Government (Proxy for Commissioner Tony Wilder, KIA)

Ms. Lona Brewer, Energy and Environment Cabinet
(Permanent Proxy for Secretary Leonard K. Peters, EEC)

Members absent:

Mr. Tony Wilder, Chair, Commissioner, Department for Local Government
Mr. John Covington, Executive Director, KIA

Guests and KIA Staff:

Mr. Jeff Abshire, Secretary/Financial Analyst, KIA

Ms. Denise Pitts, CPA, Treasurer/Fiscal Officer, KIA

Ms. Jami Johnson, Financial Analyst, KIA

Ms. Jane Gritton, Staff Assistant, KIA

Ms. Meg Link, Administrative Specialist III, KIA

PROCEEDINGS

Mr. Damon Talley, Vice Chair, called the meeting of the Kentucky Infrastructure Authority (KIA) Executive Committee to order. Mr. Talley noted a quorum was present and that the press had been notified regarding the meeting.

I. BUSINESS (Executive Board Action Required)

A. NEW PROJECTS/ACTION ITEM

Resolution of the Executive Committee of the Kentucky Infrastructure Authority Directing and Authorizing the Issuance of Kentucky Infrastructure Authority Wastewater and Drinking Water Revolving Fund Revenue Refunding Bonds, Series 2015A, in a Principal Amount not to exceed \$65,000,000, by the Kentucky Infrastructure Authority and the Execution of a Purchase Contract Between the Kentucky Infrastructure

Authority and Morgan Stanley & Co. LLC in Which the Final Principal Amount of Such Bonds Shall be Established.

Ms. Denise Pitts, KIA, presented the Resolution to the Executive Committee. Ms. Pitts discussed current market conditions and referred the committee members to handouts for additional information. After a brief discussion by the Committee and KIA staff, Mr. Talley opened the floor to a motion on the resolution.

Ms. Lona Brewer moved to adopt the resolution. Mr. Darren Sammons seconded, and the motion carried unanimously.

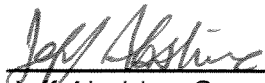
B. Resolution of the Executive Committee of the Kentucky Infrastructure Authority Directing and Authorizing the Issuance of \$4,770,000 Kentucky Infrastructure Authority Governmental Agencies Program Revenue Bonds, Series 2015, by the Kentucky Infrastructure Authority and the Execution of a Purchase Contract Between the Kentucky Infrastructure Authority and Morgan Stanley & Co. LLC

Ms. Denise Pitts, KIA, presented the Resolution to the Executive Committee. There was a brief discussion between the Executive Committee and KIA staff reviewing the information provided. Mr. Damon Talley opened the floor for a motion.

Ms. Lona Brewer moved to adopt the resolution. Mr. Darren Sammons seconded, and the motion carried unanimously.

There being no further business, Vice Chair Damon Talley moved to adjourn. Mr. Darren Sammons seconded and the motion carried unanimously.

Submitted by:



Jeff Abshire, Secretary
Kentucky Infrastructure Authority



Date

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

I.B.1.

Page Left Blank
for 2 Sided Printing

RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING APPROVAL FOR THE FILING OF AN APPLICATION WITH THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY FOR THE FEDERAL FISCAL YEAR 2015 CAPITALIZATION GRANT FOR THE DRINKING WATER REVOLVING FUND

WHEREAS, the Drinking Water Revolving Fund was established by an Act of the 1994 General Assembly as a program to be administered by the Kentucky Infrastructure Authority (the "Authority") with financial management responsibilities delegated to the Authority and responsibilities for environmental and technical assistance assigned to the Energy and Environment Cabinet (the "Cabinet"), and,

WHEREAS, the United States Environmental Protection Agency (EPA) capitalization grants are used to provide community loans from the Drinking Water Revolving Fund, and the Authority acts as contracting agent for loans and disbursements of funds to the participating communities, and,

NOW, THEREFORE, the Kentucky Infrastructure Authority does hereby resolve the following:

1. The Authority hereby approves the receipt of any monies awarded by the EPA regarding this capitalization grant for the Drinking Water Revolving Fund. The Authority shall administer the program for the benefit of participating communities.
2. The Authority staff is directed to submit required applications and supporting documentation to EPA Region IV to obtain the "State Revolving Fund" Capitalization Grant for federal fiscal year 2015, and to take such actions as necessary to direct receipt of monies due under current EPA grants to the Authority.
3. The Authority hereby directs the Executive Director to approve all needed drafting and language changes for any of the above referenced documents.

The above actions and declarations are hereby directed and resolved by the Kentucky Infrastructure Authority in a public meeting the 7th day of May, 2015.

TONY WILDER, CHAIR
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

JEFFREY A. ABSHIRE, SECRETARY
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

PECK, SHAFFER & WILLIAMS, A DIVISION OF
DINSMORE & SHOHL, LLP, LEGAL COUNSEL TO
THE KENTUCKY INFRASTRUCTURE AUTHORITY

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

I.B.2.

Page Left Blank
for 2 Sided Printing

RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING APPROVAL FOR THE FILING OF AN APPLICATION WITH THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY FOR THE FEDERAL FISCAL YEAR 2015 CAPITALIZATION GRANT FOR THE WASTEWATER REVOLVING FUND

WHEREAS, the Wastewater Revolving Fund was established by an Act of the 1988 General Assembly as a program to be administered by the Kentucky Infrastructure Authority (the "Authority") with financial management responsibilities delegated to the Authority and responsibilities for environmental and technical assistance assigned to the Energy and Environment Cabinet (the "Cabinet"), and,

WHEREAS, the United States Environmental Protection Agency (EPA) capitalization grants are used to provide community loans from the Wastewater Revolving Fund, and the Authority acts as contracting agent for loans and disbursements of funds to the participating communities, and,

NOW, THEREFORE, the Kentucky Infrastructure Authority does hereby resolve the following:

1. The Authority hereby approves the receipt of any monies awarded by the EPA regarding this capitalization grant for the Wastewater Revolving Fund. The Authority shall administer the program for the benefit of participating communities.
2. The Authority staff is directed to submit required applications and supporting documentation to EPA Region IV to obtain the "State Revolving Fund" Capitalization Grant for federal fiscal year 2015, and to take such actions as necessary to direct receipt of monies due under current EPA grants to the Authority.
3. The Authority hereby directs the Executive Director to approve all needed drafting and language changes for any of the above referenced documents.

The above actions and declarations are hereby directed and resolved by the Kentucky Infrastructure Authority in a public meeting the 7th day of May, 2015.

TONY WILDER, CHAIR
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

JEFFREY A. ABSHIRE, SECRETARY
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

PECK, SHAFFER & WILLIAMS, A DIVISION OF
DINSMORE & SHOHL, LLP, LEGAL COUNSEL TO
THE KENTUCKY INFRASTRUCTURE AUTHORITY

**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 CLEAN WATER REVOLVING FUND A LOAN (A15-035) IN THE AMOUNT OF \$8,684,115 TO THE CITY OF CORBIN FOR THE BENEFIT OF CITY UTILITES COMMISSION, LAUREL 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 Corbin f/b/o City Utilities Commission, 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 its 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 \$8,684,115 of project expense including

capitalized interest for the construction period, to the City of Corbin f/b/o City Utilities Commission for the Wastewater Treatment Plant Upgrade Project. Such amounts are subject to adjustment by further action of the Authority or may be adjusted by action of the Authority staff at the time of the issuance of bonds based on adjustment in project costs of not more than (10%) ten percent of the project cost 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 0.75%. In addition to debt service, a 0.2% annual administration fee on the unpaid loan balance will be charged. From annual revenues, \$21,700 must be set aside in a borrower held replacement reserve each December 1 until the balance reaches \$217,000 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 May, 2015.

TONY WILDER, CHAIR
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

JEFFREY A. ABSHIRE, SECRETARY
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

PECK, SHAFFER & WILLIAMS, A DIVISION OF
DINSMORE & SHOHL LLP, LEGAL COUNSEL TO
THE KENTUCKY INFRASTRUCTURE AUTHORITY

STEVEN L. BESHEAR
GOVERNOR



LEONARD K. PETERS
SECRETARY

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF WATER
200 FAIR OAKS LANE, 4TH FLOOR
FRANKFORT, KENTUCKY 40601
www.kentucky.gov

April 14, 2015

Mr. John Covington
Executive Director
Kentucky Infrastructure Authority
1024 Capital Center Drive, Suite 340
Frankfort, Kentucky 40601

Re: A15-035
Corbin WWTP--2562
Activity ID: FGL20150003
HUC11: 05130101460
Watershed Name: Lynn Camp Creek
Project Name: Corbin WWTP Upgrade

Dear Mr. Covington:

The Division of Water (DOW) hereby certifies that the Corbin Utilities Commission is eligible to receive \$8,684,115.00 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 Corbin Utilities Commission'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 in May 2015.
2. Plans and specifications are expected to be submitted to DOW in July 2015.
3. Construction bids are expected to be opened in November 2015.

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) 564-3410, extension 4592.

Sincerely,

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

Peter Goodman, Director
Division of Water

PG/BG:jjm

c: Ronald Herd, Corbin Utilities Commission
Bob Smallwood, GRW Engineers

EXECUTIVE SUMMARY		Reviewer	Jami Johnson			
KENTUCKY INFRASTRUCTURE AUTHORITY		Date	May 7, 2015			
FUND A, FEDERALLY ASSISTED WASTEWATER		KIA Loan Number	A15-035			
REVOLVING LOAN FUND		WRIS Number	SX21235117			
BORROWER	CITY OF CORBIN LAUREL COUNTY					
BRIEF DESCRIPTION						
This project will upgrade the wastewater treatment plant by constructing an additional oxidization ditch, a third clarifier, replace the chlorination/de-chlorination system with a UV disinfection facility and upgrade a pump station to increase flow to the WWTP and alleviate inflow and infiltration during significant wet weather events.						
PROJECT FINANCING		PROJECT BUDGET			RD Fee %	Actual %
Fund A Loan	\$8,684,115	Eng - Design / Const	6.4%	5.9%	516,000	
Local Funds	1,007,485	Eng - Insp	4.2%	3.9%	339,600	
		Eng - Other			74,000	
		Construction			7,965,000	
		Contingency			797,000	
TOTAL	<u>\$9,691,600</u>	TOTAL			<u>\$9,691,600</u>	
REPAYMENT	Rate	0.75%	Est. Annual Payment		\$485,765	
	Term	20 Years	1st Payment	6 Mo. after first draw		
PROFESSIONAL SERVICES	Engineer	GRW Engineers, Inc				
	Bond Counsel	Peck, Shaffer, & Williams, a division of Dinsmore & Shohl, LLP				
PROJECT SCHEDULE	Bid Opening	Nov-15				
	Construction Start	Feb-16				
	Construction Stop	Jun-17				
DEBT PER CUSTOMER	Existing	\$347				
	Proposed	\$2,261				
OTHER DEBT	See Attached					
OTHER STATE-FUNDED PROJECTS LAST 5 YRS	See Attached					
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>			
	Current	4,406	\$16.72 (for 4,000 gallons)			
	Additional	0	\$16.72 (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 2012	948,995	231,309	717,686	4.1		
Audited 2013	1,470,837	219,955	1,250,882	6.7		
Audited 2014	1,881,644	219,450	1,662,194	8.6		
Projected 2015	2,055,277	163,068	1,892,209	12.6		
Projected 2016	2,232,382	163,068	2,069,314	13.7		
Projected 2017	2,391,330	405,952	1,985,379	5.9		
Projected 2018	2,575,590	639,696	1,935,894	4.0		
Projected 2019	2,763,536	630,560	2,132,976	4.4		

Reviewer: Jami Johnson
 Date: May 7, 2015
 Loan Number: A15-035

**KENTUCKY INFRASTRUCTURE AUTHORITY
 WASTEWATER REVOLVING LOAN FUND (FUND "A")
 CITY OF CORBIN F/B/O THE CORBIN CITY UTILITIES
 COMMISSION, LAUREL COUNTY
 PROJECT REVIEW
 SX21235117**

I. PROJECT DESCRIPTION

The City of Corbin f/b/o of the Corbin City Utilities Commission is requesting a Fund "A" loan in the amount of \$8,684,115 for the Corbin Wastewater Treatment Plant Upgrade project. The project will upgrade the wastewater treatment plant by constructing an additional oxidization ditch, a third clarifier, replace the chlorination /de-chlorination system with a UV disinfection facility and upgrade a pump station number to increase flow to the WWTP during high rainfall events. This will alleviate inflow and infiltration during these periods. One of the oxidation ditches will be used as an equalization basin for increased flow events. The third clarifier is needed to handle the increased flows due to the shallow side water depths of the existing clarifiers.

The utility provides electric, water and sewer service to approximately 4,100, 6,400 and 4,400 customer respectively.

II. PROJECT BUDGET

	Total
Engineering Fees - Design / Const	516,000
Engineering Fees - Inspection	339,600
Engineering Fees - Other	74,000
Construction	7,965,000
Contingency	797,000
Total	\$ 9,691,600

III. PROJECT FUNDING

	Amount	%
Fund A Loan	\$ 8,684,115	90%
Local Funds	1,007,485	10%
Total	\$ 9,691,600	100%

IV. KIA DEBT SERVICE

Construction Loan	\$ 8,684,115
Interest Rate	0.75%
Loan Term (Years)	20
Estimated Annual Debt Service	\$ 468,397
Administrative Fee (0.20%)	17,368
Total Estimated Annual Debt Service	\$ 485,765

V. PROJECT SCHEDULE

Bid Opening	November 2015
Construction Start	February 2016
Construction Stop	June 2017

VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

A) Customers

Customers	Current
Residential	3,527
Commercial	870
Industrial	9
Total	4,406

B) Rates

	Inside Residential		Outside Residential	
	Current	Prior	Current	Prior
Date of Last Rate Increase	01/01/14	03/01/07	01/01/14	03/01/07
Minimum	\$8.68	\$8.68	\$15.35	\$15.35
1,000 Gallons	2.68	2.68	3.35	3.35
Service Charge	6.00	0.00	12.00	0.00
Cost for 4,000 gallons	\$16.72	\$10.72	\$25.40	\$13.40
Increase %	56.0%		89.6%	
Affordability Index (Rate/MHI)	0.6%		1.0%	

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2008-2012, the Utility's service area population was 13,022 with a Median Household Income (MHI) of \$31,265. The median household income for the Commonwealth is \$42,610. The project will qualify for a 0.75% interest rate because the utility's service

area MHI is below 80% of the State’s MHI.

Year	Population		County		County Unemployment	
	City	% Change	County	% Change	Date	Rate
1980	8,075		38,982		June 2004	5.9%
1990	7,419	-8.1%	43,438	11.4%	June 2009	10.4%
2000	7,742	4.4%	52,715	21.4%	June 2013	9.4%
2010	7,304	-5.7%	58,849	11.6%	June 2014	8.1%
Current	7,010	-4.0%	58,891	0.1%		
Cumulative %		-13.2%		51.1%		

VIII. 2014 CAPITALIZATION GRANT EQUIVALENCIES

- 1) Green Project Reserve - This project does not qualify for Green Project Reserve (GPR).
- 2) Additional Subsidization – This project does not qualify for additional subsidization.

IX. FINANCIAL ANALYSIS (See Exhibit 1)

Financial information was obtained from the consolidated (electric, water and sewer) audited financial statements for the City Utilities Commission for the years ended December 31, 2012 through 2014. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

HISTORY

Revenues increased 8% from \$10.1 million in 2012 to \$10.9 million in 2014 while operating expenses decreased 2% from \$9.2 million to \$9.0 million during the same period. Water and sewer rates were increased to offset revenue losses from a large industrial customer that implemented a major conservation initiative during 2014. Cash available for debt service was \$0.7 million, \$1.3 million and \$1.7 million in 2012, 2013, and 2014, respectively. The debt coverage ratio was 4.1, 6.7 and 8.6 for the same years.

The balance sheet reflects a current ratio of 3.6, debt to equity ratio of .1 and the number of months of operating expenses in unrestricted cash and investments is 5.2. Capital spending during the past three years was about \$3.0 million that was fund equally between grants and internal funds.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Water and sewer revenues will increase 2% annually while electric revenues will

- be flat.
- 2) Water and sewer expenses will increase 2% annually while electric revenues will be flat.
- 3) Debt service coverage is 5.9 in 2017 when principal and interest repayments begin.

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

REPLACEMENT RESERVE

The annual replacement cost is \$21,700. This amount should be added to the replacement account each December 1 until the balance reaches \$217,000 and maintained for the life of the loan.

X. DEBT OBLIGATIONS

	Outstanding	Maturity
KIA B96-03	\$ 61,473	2018
Hometown Bank (renewable)	1,468,666	2015
Total	\$ 1,530,139	

XI. OTHER STATE OR FEDERAL FUNDING IN PAST FIVE YEARS

None.

XII. CONTACTS

Legal Applicant	
Name	City of Corbin
Address	805 South Main Street Corbin, KY 40701
County	Laurel
Authorized Official	Willard McBurney (Mayor)
Phone	(606) 523-6522

Project Administrator	
Name	City Utilities Commission
Address	1515 Cumberland Fall Highway Corbin, KY 40702
Contact	Ronald Herd, PE
Phone	(606) 528-4026
Email	ron.herd@corbinutilities.com

Consulting Engineer	
Name	Bob Smallwood, PE
Firm	GRW Engineers, Inc.
Address	801 Corporate Dr. Lexington, KY 40503
Phone	(859) 223-3999
Email	bsmallwood@grwinc.com

XIII. RECOMMENDATIONS

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

**CITY OF CORBIN
FINANCIAL SUMMARY (DECEMBER YEAR END)**

Balance Sheet

	Audited 2012	Audited 2013	Projected 2014	Projected 2015	Projected 2016	Projected 2017	Projected 2018	Projected 2019
Assets								
Current Assets	6,130,738	4,926,490	5,859,282	6,179,526	6,521,140	6,850,419	7,172,913	7,526,089
Other Assets	39,072,935	39,310,548	39,483,463	40,920,937	47,322,912	49,433,297	49,501,682	49,737,067
Total	45,203,673	44,237,038	45,342,745	47,100,463	53,844,052	56,283,716	56,674,595	57,263,156
Liabilities & Equity								
Current Liabilities	1,474,768	965,263	1,607,637	1,739,114	1,773,929	1,809,871	1,836,810	1,864,610
Long Term Liabilities	2,648,068	2,509,803	2,430,317	3,001,011	8,888,582	10,772,211	10,660,901	10,554,791
Total Liabilities	4,122,836	3,475,066	4,037,954	4,740,125	10,662,511	12,582,082	12,497,711	12,419,401
Net Assets	41,080,837	40,761,972	41,304,791	42,360,338	43,181,541	43,701,634	44,176,884	44,843,755

Cash Flow

Revenues	10,107,098	10,665,393	10,906,644	11,124,777	11,347,272	11,574,217	11,805,701	12,041,815
Operating Expenses	9,188,017	9,214,760	9,043,388	9,087,888	9,133,278	9,201,275	9,248,499	9,296,667
Other Income	29,914	20,204	18,388	18,388	18,388	18,388	18,388	18,388
Cash Flow Before Debt Service	948,995	1,470,837	1,881,644	2,055,277	2,232,382	2,391,330	2,575,590	2,763,536
Debt Service								
Existing Debt Service	231,309	219,955	219,450	163,068	163,068	163,069	153,931	144,795
Proposed KIA Loan	0	0	0	0	0	242,883	485,765	485,765
Total Debt Service	231,309	219,955	219,450	163,068	163,068	405,952	639,696	630,560
Cash Flow After Debt Service	717,686	1,250,882	1,662,194	1,892,209	2,069,314	1,985,379	1,935,894	2,132,976

Ratios

Current Ratio	4.2	5.1	3.6	3.6	3.7	3.8	3.9	4.0
Debt to Equity	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3
Days Sales in Accounts Receivable	48.8	52.7	51.4	51.4	51.4	51.4	51.4	51.4
Months Operating Expenses in Unrestricted Cash	5.8	3.8	5.2	5.5	5.9	6.2	6.6	7.0
Debt Coverage Ratio	4.1	6.7	8.6	12.6	13.7	5.9	4.0	4.4

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

I.B.4.

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 (A15-092) IN THE AMOUNT OF \$747,041 TO THE CITY OF FRANKFORT, FRANKLIN 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 Frankfort, 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 its 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 \$747,041 of project expense including capitalized interest for the construction period, to the City of Frankfort for the Benson

Combined Sewer Overflow (CSO) Separation Project. Such amounts are subject to adjustment by further action of the Authority or may be adjusted by action of the Authority staff at the time of the issuance of bonds based on adjustment in project costs of not more than (10%) ten percent of the project cost 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 1.75%. In addition to debt service, a 0.2% annual administration fee on the unpaid loan balance will be charged. From annual revenues, \$1,900 must be set aside in a borrower held replacement reserve each December 1 until the balance reaches \$19,000 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 May 2015.

TONY WILDER, CHAIR
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

JEFFREY A. ABSHIRE, SECRETARY
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

PECK, SHAFFER & WILLIAMS, A DIVISION OF
DINSMORE & SHOHL LLP, LEGAL COUNSEL TO
THE KENTUCKY INFRASTRUCTURE AUTHORITY

STEVEN L. BESHEAR
GOVERNOR



LEONARD K. PETERS
SECRETARY

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF WATER
200 FAIR OAKS LANE, 4TH FLOOR
FRANKFORT, KENTUCKY 40601
www.kentucky.gov

April 21, 2015

Mr. John Covington
Executive Director
Kentucky Infrastructure Authority
1024 Capital Center Drive, Suite 340
Frankfort, Kentucky 40601

Re: A15-92
Frankfort WWTP--1393
Activity ID: FGL20150009
HUC11: 05100205250; 05100205260
Watershed Name: Kentucky River, below Frankfort;
Benson Creek

Dear Mr. Covington:

The Division of Water (DOW) hereby certifies that the City of Frankfort is eligible to receive \$1,058,000 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 Frankfort's status relative to the Clean Water State Revolving Fund General Conditions is provided below:

1. Project specific environmental information was approved by DOW on December 17, 2014
2. Plans and specifications are expected to be submitted to DOW on June 1, 2015.
3. Construction bids are expected to be opened on August 1, 2015.

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 Bill Averell, Project Manager, at (502) 564-3410, extension 4980.

Sincerely,

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

Peter Goodmann, Director
Division of Water

PG/BG:ba

c: City of Frankfort
Qk4 Engineers, Inc

EXECUTIVE SUMMARY		Reviewer	Brandi Armstrong	
KENTUCKY INFRASTRUCTURE AUTHORITY		Date	May 7, 2015	
FUND A, FEDERALLY ASSISTED WASTEWATER		KIA Loan Number	A15-092	
REVOLVING LOAN FUND		WRIS Number	SX21073063	
BORROWER	CITY OF FRANKORT FRANKLIN COUNTY			
BRIEF DESCRIPTION				
This project will install approximately 3,000 linear feet of 8 to 15 inch sanitary sewer lines and approximately 700 linear feet of 12 to 15 inch storm sewer lines. The project will reconnect 43 properties to new sanitary sewers and will eliminate the Benson Avenue gravity pump station. The City is currently acting under the terms of an EPA Administrative order and Kentucky EPPC Consent Judgment to eliminate the Benson Creek combined sewer overflow.				
PROJECT FINANCING		PROJECT BUDGET		
Fund A Loan	\$747,041	RD Fee %	Actual %	
Local Funds	310,959	Administrative Expenses		\$35,500
		Land, Easements		5,000
		Eng - Design / Const	9.1%	9.1%
		Eng - Insp	5.9%	5.5%
		Construction		747,041
		Contingency		112,364
TOTAL	\$1,058,000	TOTAL		\$1,058,000
REPAYMENT	Rate	1.75%	Est. Annual Payment	\$45,925
	Term	20 Years	1st Payment	6 Mo. after first draw
PROFESSIONAL SERVICES	Engineer	QK4, Inc.		
	Bond Counsel	Peck, Shaffer, & Williams, a division of Dinsmore & Shohl, LLP		
PROJECT SCHEDULE	Bid Opening	Oct-15		
	Construction Start	Feb-16		
	Construction Stop	Oct-16		
DEBT PER CUSTOMER	Existing	\$2,435		
	Proposed	\$3,236		
OTHER DEBT	See Attached			
OTHER STATE-FUNDED PROJECTS LAST 5 YRS	See Attached			
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>	
	Current	13,715	\$37.32	(for 4,000 gallons)
	Additional	0	\$37.32	(for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.			
CASHFLOW	Cash Flow Before Debt Service	Debt Service	Cash Flow After Debt Service	Coverage Ratio
Audited 2012	5,372,707	2,109,455	3,263,252	2.5
Audited 2013	5,775,040	2,108,252	3,666,788	2.7
Audited 2014	5,481,109	2,283,492	3,197,617	2.4
Projected 2015	5,444,113	2,849,617	2,594,496	1.9
Projected 2016	5,448,235	2,900,510	2,547,725	1.9
Projected 2017	5,582,883	3,510,947	2,071,936	1.6
Projected 2018	5,756,911	3,721,218	2,035,693	1.5
Projected 2019	5,935,954	3,735,718	2,200,236	1.6

Reviewer: Brandi Armstrong
 Date: May 7, 2015
 Loan Number: A15-092

**KENTUCKY INFRASTRUCTURE AUTHORITY
 WASTEWATER REVOLVING LOAN FUND (FUND "A")
 CITY OF FRANKFORT, FRANKLIN COUNTY
 PROJECT REVIEW
 SX21073063**

I. PROJECT DESCRIPTION

The City of Frankfort is requesting a Fund "A" loan in the amount of \$747,041 for the Benson Combined Sewer Overflow (CSO) Separation project. The project will install 3,042 linear feet of 8 to 5 inch sanitary sewer lines and 707 linear feet of 12 to 15 inch storm sewer lines. The project will reconnect 43 properties to new sanitary sewers and will eliminate the Benson Avenue gravity pump station. The City is currently under a Consent Judgment from the Kentucky Division of Enforcement and an Administrative Order from the United States Environmental Protection Agency to resolve the CSO issue along Benson Creek.

The City's wastewater system has about 34,484 customers and also treats wastewater for an area of Woodford County, which has 21 customers.

II. PROJECT BUDGET

	Total
Administrative Expenses	\$ 35,500
Land, Easements	5,000
Engineering Fees - Design / Const	78,040
Engineering Fees - Inspection	47,620
Engineering Fees - Other	32,435
Construction	747,041
Contingency	112,364
Total	\$ 1,058,000

III. PROJECT FUNDING

	Amount	%
Fund A Loan	\$ 747,041	71%
Local Funds	310,959	29%
Total	\$ 1,058,000	100%

IV. KIA DEBT SERVICE

Construction Loan	\$	747,041
Interest Rate		1.75%
Loan Term (Years)		20
Estimated Annual Debt Service	\$	44,431
Administrative Fee (0.20%)		1,494
Total Estimated Annual Debt Service	\$	45,925

V. PROJECT SCHEDULE

Bid Opening	October 2015
Construction Start	February 2016
Construction Stop	October 2016

VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

A) Customers

Customers	Current
Residential	12,234
Commercial	1,470
Industrial	11
Total	13,715

B) Rates

	Current	Prior
Date of Last Rate Increase	07/01/14	07/01/13
Minimum	\$9.33	\$9.19
Next 9,000 Gallons	9.33	9.19
Over 10,000 Gallons	9.33	9.19
Cost for 4,000 gallons	\$37.32	\$36.76
Increase %	1.5%	
Affordability Index (Rate/MHI)	1.0%	

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2008-2012, the Utility’s service area population was 34,505 with a Median Household Income (MHI) of \$45,623. The median household income for the Commonwealth is \$42,610. The project will qualify for a 1.75% interest rate because the City is complying with an agreed order.

Year	Population				Unemployment	
	City	% Change	County	% Change	Date	Rate
1980	25,973		41,830		June 2004	4.6%
1990	25,968	0.0%	43,781	4.7%	June 2009	9.5%
2000	27,741	6.8%	47,687	8.9%	June 2013	7.4%
2010	25,527	-8.0%	49,285	3.4%	June 2014	6.5%
Current	26,745	4.8%	49,399	0.2%		
Cumulative %		3.0%		18.1%		

VIII. 2014 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 (See Exhibit 1)

Financial information was obtained from the audited financial statements for the Sewer Fund for years ended June 30, 2012 through 2014. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

HISTORY

Sewer revenues increased 9% from \$10.8 million in 2012 to \$11.7 million in 2014. Operating expenses also increased 9% from \$5.8 million to \$6.3 million during the same period. Cash available for debt service was \$5.4 million, \$5.8 million and \$5.5 million in 2012, 2013, and 2014, respectively. The debt coverage ratio was 2.5, 2.7 and 2.4 for the same years.

The balance sheet is strong with a current ratio of 16.2 and a debt to equity ratio of .6. The number of months of operating expenses in unrestricted cash and investments is 42. The utility has historically maintained a strong cash position that permits capital expenditures to be internally funded. The City does not have a formal policy concerning replacement reserves; however they have traditionally targeted funding the reserve with an amount equal to 20% - 25% of annual revenues.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Revenues will be flat for volume and reflect a previously approved rate increase of 1.5% for 2015 and approved rate increases of 2.5% from January 1, 2016 and each following January 1 through 2020.
- 2) Expenses will increase 2% annually for inflation.
- 3) Debt service coverage is 1.5 in 2018 which is the first full year of principal and interest repayments for all KIA funded projects that are proposed or in process.

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

REPLACEMENT RESERVE

The annual replacement cost is \$1,900. This amount should be added to the replacement account each December 1 until the balance reaches \$19,000 and maintained for the life of the loan.

X. DEBT OBLIGATIONS

	<u>Outstanding</u>	<u>Maturity</u>
2007 Revenue Bonds	7,240,000	2023
2010 Revenue Bonds	11,265,000	2025
2013 Revenue Bonds	9,995,000	2039
KIA Loan (A209-23)	323,653	2030
KIA Loan (A13-011)	4,717,418	2033
KIA Loan (A14-006, i/a/o \$4,905,000)	0	TBD
KIA Loan (A15-032, i/a/o \$3,731,000)	0	TBD
KIA Loan (A15-095, i/a/o \$1,570,000)	0	TBD
KIA Loan (A15-098, i/a/o \$1,500,000)	0	TBD
KIA Loan (A15-101, i/a/o \$1,320,000)	0	TBD
Total	\$33,541,071	

XI. OTHER STATE OR FEDERAL FUNDING IN PAST FIVE YEARS

<u>Description</u>	<u>Funding Source</u>	<u>Type</u>
Cardinal Hills Pump Station	HB380	260,000
Shelby Street Sewers	HB380	230,000
Allnut Drive Sewer Replacement	HB380	180,000
Two Creeks Pump Station	HB380	200,000
Holmes Street Sewer Project	HB380	1,630,000
Holmes Street Sewer Project	HB308	733,000

XII. CONTACTS

Legal Applicant	
Name	City of Frankfort
Address	315 W. Second St Frankfort, KY 40601
County	Franklin
Authorized Official	William May, Jr. (Mayor)
Phone	(502) 875-8500
Email	william.may59@gmail.com

Project Contact - Applicant / Administrator	
Name	Rebecca Hall
Representing	City of Frankfort
Address	315 W. Second St Frankfort, KY 40601
Phone	(502) 875-8500
Email	rhall@frankfort.ky.gov

Consulting Engineer	
Name	Angela Johnston
Firm	QK4, Inc.
Address	1046 E Chestnut St Louisville, KY 40204
Phone	(502) 585-2222
Email	ajohnston@qk4.com

XIII. RECOMMENDATIONS

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

CITY OF FRANKFORT (SEWER FUND)
 FINANCIAL SUMMARY (JUNE YEAR END)

Balance Sheet

	Audited <u>2012</u>	Audited <u>2013</u>	Projected <u>2014</u>	Projected <u>2015</u>	Projected <u>2016</u>	Projected <u>2017</u>	Projected <u>2018</u>	Projected <u>2019</u>
Assets								
Current Assets	32,779,591	26,766,195	33,421,860	23,580,671	23,737,120	23,826,713	23,915,295	24,032,893
Other Assets	45,341,736	53,260,166	62,527,318	77,596,147	87,696,282	92,744,627	92,520,835	92,129,673
Total	78,121,327	80,026,361	95,949,178	101,176,819	111,433,402	116,571,340	116,436,130	116,162,565
Liabilities & Equity								
Current Liabilities	1,512,950	1,378,106	2,067,800	2,131,753	2,190,791	2,249,906	2,319,100	2,403,000
Long Term Liabilities	20,674,137	19,367,509	32,150,569	33,811,175	39,891,905	43,001,519	41,214,419	39,029,419
Total Liabilities	22,187,087	20,745,615	34,218,369	35,942,928	42,082,696	45,251,425	43,533,519	41,432,419
Net Assets	55,934,240	59,280,746	61,730,809	65,233,891	69,350,707	71,319,915	72,902,611	74,730,146

Cash Flow

Revenues	10,819,626	11,493,162	11,748,023	11,836,285	11,984,170	12,283,637	12,590,590	12,905,217
Operating Expenses	5,755,240	5,718,122	6,266,914	6,392,172	6,535,935	6,700,754	6,833,679	6,969,263
Other Income	308,321	0	0	0	0	0	0	0
Cash Flow Before Debt Service	5,372,707	5,775,040	5,481,109	5,444,113	5,448,235	5,582,883	5,756,911	5,935,954

Debt Service

Existing Debt Service	2,109,455	2,108,252	2,283,492	2,849,617	2,900,510	3,510,947	3,675,293	3,689,793
Proposed KIA Loan	0	0	0	0	0	0	45,925	45,925
Total Debt Service	2,109,455	2,108,252	2,283,492	2,849,617	2,900,510	3,510,947	3,721,218	3,735,718
Cash Flow After Debt Service	3,263,252	3,666,788	3,197,617	2,594,496	2,547,725	2,071,936	2,035,693	2,200,236

Ratios

Current Ratio	21.7	19.4	16.2	11.1	10.8	10.6	10.3	10.0
Debt to Equity	0.4	0.3	0.6	0.6	0.6	0.6	0.6	0.6
Days Sales in Accounts Receivable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Months Operating Expenses in Unrestricted Cash	24.6	24.4	42.0	23.1	23.3	23.4	23.5	23.6
Debt Coverage Ratio	2.5	2.7	2.4	1.9	1.9	1.6	1.5	1.6

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

I.B.5.

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 (A15-095) IN THE AMOUNT OF \$1,570,000 TO THE CITY OF FRANKFORT, FRANKLIN 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 Frankfort, 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 its 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 \$1,570,000 of project expense including capitalized interest for the construction period, to the City of Frankfort for the Old

Lawrenceburg Road Pump Station Replacement project. Such amounts are subject to adjustment by further action of the Authority or may be adjusted by action of the Authority staff at the time of the issuance of bonds based on adjustment in project costs of not more than (10%) ten percent of the project cost 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 1.75%. In addition to debt service, a 0.2% annual administration fee on the unpaid loan balance will be charged. From annual revenues, \$3,900 must be set aside in a borrower held replacement reserve each December 1 until the balance reaches \$39,000 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 May 2015.

TONY WILDER, CHAIR
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

JEFFREY A. ABSHIRE, SECRETARY
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

PECK, SHAFFER & WILLIAMS, A DIVISION OF
DINSMORE & SHOHL LLP, LEGAL COUNSEL TO
THE KENTUCKY INFRASTRUCTURE AUTHORITY

STEVEN L. BESHEAR
GOVERNOR



LEONARD K. PETERS
SECRETARY

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF WATER
200 FAIR OAKS LANE, 4TH FLOOR
FRANKFORT, KENTUCKY 40601
www.kentucky.gov

April 20, 2015

Mr. John Covington
Executive Director
Kentucky Infrastructure Authority
1024 Capital Center Drive, Suite 340
Frankfort, Kentucky 40601

Re: A15-095
Frankfort WWTP--1393
Activity ID: FGL20150016
HUC11: 05100205140
Watershed Name: Kentucky River Palisades

Dear Mr. Covington:

The Division of Water (DOW) hereby certifies that the City of Frankfort is eligible to receive \$1,570,000 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 Frankfort'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 in June, 2015.
2. Plans and specifications are expected to be submitted to DOW in August, 2015.
3. Construction bids are expected to be opened in November, 2015.

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 Amber Vaughn, Project Manager, at (502) 564-3410, extension 4591.

Sincerely,

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

Peter Goodmann, Director
Division of Water

PG/BG:av

c: Brandi Armstrong, KIA
Amanda Yeary, KIA
William May Jr., Mayor, City of Frankfort
Ray Bascom, PE, HMB Professional Engineers Inc

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY FUND A, FEDERALLY ASSISTED WASTEWATER REVOLVING LOAN FUND		Reviewer Date KIA Loan Number WRIS Number	Brandi Armstrong May 7, 2015 A15-095 SX21073066	
BORROWER	CITY OF FRANKFORT FRANKLIN COUNTY			
BRIEF DESCRIPTION				
This project will replace an existing underground flooded suction pump station installed in 1981 with a submersible duplex pump station. The existing station is 31 feet underground and structurally unsound causing safety concerns. The new pump station will provide access to the pumps at ground level and will be integrated into the City's SCADA system as well as accomodate a wide range of flows. The project will also replace an 18 inch ductile iron force main that if pulled apart will pump raw sewage directly into the river.				
PROJECT FINANCING		PROJECT BUDGET		
Fund A Loan	\$1,570,000	RD Fee %	Actual %	
		Administrative Expenses	\$25,000	
		Planning	12,000	
		Eng - Design / Const	8.5% 8.5% 109,360	
		Eng - Insp	5.3% 5.3% 68,320	
		Eng - Other	69,820	
		Construction	1,142,000	
		Contingency	143,500	
TOTAL	\$1,570,000	TOTAL	\$1,570,000	
REPAYMENT	Rate Term	1.75% 20 Years	Est. Annual Payment 1st Payment 6 Mo. after first draw \$96,517	
PROFESSIONAL SERVICES	Engineer Bond Counsel	HMB Professional Engineers Peck, Shaffer, & Williams, a division of Dinsmore & Shohl, LLP		
PROJECT SCHEDULE	Bid Opening Construction Start Construction Stop	Nov-15 Mar-16 Sep-16		
DEBT PER CUSTOMER	Existing Proposed	\$2,435 \$3,236		
OTHER DEBT	See Attached			
OTHER STATE-FUNDED PROJECTS LAST 5 YRS	See Attached			
RESIDENTIAL RATES	Current Additional	<u>Users</u> 13,715 0	<u>Avg. Bill</u> \$37.32 (for 4,000 gallons) \$37.32 (for 4,000 gallons)	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.			
CASHFLOW	Cash Flow Before Debt Service	Debt Service	Cash Flow After Debt Service	Coverage Ratio
Audited 2012	5,372,707	2,109,455	3,263,252	2.5
Audited 2013	5,775,040	2,108,252	3,666,788	2.7
Audited 2014	5,481,109	2,283,492	3,197,617	2.4
Projected 2015	5,444,113	2,849,617	2,594,496	1.9
Projected 2016	5,448,235	2,900,510	2,547,725	1.9
Projected 2017	5,582,883	3,510,947	2,071,936	1.6
Projected 2018	5,756,911	3,721,218	2,035,693	1.5
Projected 2019	5,935,954	3,735,718	2,200,236	1.6

Reviewer: Brandi Armstrong
 Date: May 7, 2015
 Loan Number: A15-095

**KENTUCKY INFRASTRUCTURE AUTHORITY
 WASTEWATER REVOLVING LOAN FUND (FUND "A")
 CITY OF FRANKFORT, FRANKLIN COUNTY
 PROJECT REVIEW
 SX21073066**

I. PROJECT DESCRIPTION

The City of Frankfort is requesting a Fund "A" loan in the amount of \$1,570,000 for the Old Lawrenceburg Road Pump Station Replacement project. The project will replace an existing underground flooded pump station that was installed in 1981 with a submersible duplex pump station. The existing station is 31 feet underground and structurally unsound causing safety concerns. The new pump station will provide access to the pumps at ground level and will be integrated into the City's SCADA system as well as accommodate a wider range of flows. The project will also replace an exposed 18 inch ductile iron force main that is pulling apart. If the force main is not replaced it threatens to pump sewage directly into the Kentucky River.

The City's wastewater system has about 34,484 customers and also treats wastewater for an area of Woodford County, which has 21 customers.

II. PROJECT BUDGET

	<u>Total</u>
Administrative Expenses	\$ 25,000
Planning	12,000
Engineering Fees - Design / Const	109,360
Engineering Fees - Inspection	68,320
Engineering Fees - Other	69,820
Construction	1,142,000
Contingency	143,500
Total	\$ 1,570,000

III. PROJECT FUNDING

	<u>Amount</u>	<u>%</u>
Fund A Loan	\$ 1,570,000	100%
Total	\$ 1,570,000	100%

IV. KIA DEBT SERVICE

Construction Loan	\$ 1,570,000
Interest Rate	1.75%
Loan Term (Years)	20
Estimated Annual Debt Service	\$ 93,377
Administrative Fee (0.20%)	3,140
Total Estimated Annual Debt Service	\$ 96,517

V. PROJECT SCHEDULE

Bid Opening	November 2015
Construction Start	March 2016
Construction Stop	September 2016

VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

A) Customers

Customers	Current
Residential	12,234
Commercial	1,470
Industrial	11
Total	13,715

B) Rates

	Current	Prior
Date of Last Rate Increase	07/01/14	07/01/13
Minimum	\$9.33	\$9.19
Next 9,000 Gallons	9.33	9.19
Over 10,000 Gallons	9.33	9.19
Cost for 4,000 gallons	\$37.32	\$36.76
Increase %	1.5%	2.5%
Affordability Index (Rate/MHI)	1.0%	

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2008-2012, the Utility's service area population was 34,505 with a Median Household Income (MHI) of \$45,623. The median household income for the Commonwealth is \$42,610. The project will qualify for a 1.75% interest rate because the City is a regional provider.

Year	Population				Unemployment	
	City	% Change	County	% Change	Date	Rate
1980	25,973		41,830		June 2004	4.6%
1990	25,968	0.0%	43,781	4.7%	June 2009	9.5%
2000	27,741	6.8%	47,687	8.9%	June 2013	7.4%
2010	25,527	-8.0%	49,285	3.4%	June 2014	6.5%
Current	26,745	4.8%	49,399	0.2%		
Cumulative %		3.0%		18.1%		

VIII. 2014 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 (See Exhibit 1)

Financial information was obtained from the audited financial statements for the Sewer Fund for years ended June 30, 2012 through 2014. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

HISTORY

Sewer revenues increased 9% from \$10.8 million in 2012 to \$11.7 million in 2014. Operating expenses also increased 9% from \$5.8 million to \$6.3 million during the same period. Cash available for debt service was \$5.4 million, \$5.8 million and \$5.5 million in 2012, 2013, and 2014, respectively. The debt coverage ratio was 2.5, 2.7 and 2.4 for the same years.

The balance sheet is strong with a current ratio of 16.2 and a debt to equity ratio of .6. The number of months of operating expenses in unrestricted cash and investments is 42. The utility has historically maintained a strong cash position that permits capital expenditures to be internally funded. The City does not have a formal policy concerning replacement reserves; however they have traditionally targeted funding the reserve with an amount equal to 20% - 25% of annual revenues.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Revenues will be flat for volume and reflect a previously approved rate increase of 1.5% for 2015 and approved rate increases of 2.5% from January 1, 2016 and each following January 1 through 2020.
- 2) Expenses will increase 2% annually for inflation.
- 3) Debt service coverage is 1.5 in 2018 which is the first full year of principal and interest repayments for all KIA funded projects that are proposed or in process.

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

REPLACEMENT RESERVE

The annual replacement cost is \$3,900. This amount should be added to the replacement account each December 1 until the balance reaches \$39,000 and maintained for the life of the loan.

X. DEBT OBLIGATIONS

	<u>Outstanding</u>	<u>Maturity</u>
2007 Revenue Bonds	7,240,000	2023
2010 Revenue Bonds	11,265,000	2025
2013 Revenue Bonds	9,995,000	2039
KIA Loan (A209-23)	323,653	2030
KIA Loan (A13-011)	4,717,418	2033
KIA Loan (A14-006, i/a/o \$4,905,000)	0	TBD
KIA Loan (A15-032, i/a/o \$3,731,000)	0	TBD
KIA Loan (A15-092, i/a/o \$747,041)	0	TBD
KIA Loan (A15-098, i/a/o \$1,500,000)	0	TBD
KIA Loan (A15-101, i/a/o \$1,320,000)	0	TBD
Total	\$33,541,071	

XI. OTHER STATE OR FEDERAL FUNDING IN PAST FIVE YEARS

<u>Description</u>	<u>Funding Source</u>	<u>Type</u>
Cardinal Hills Pump Station	HB380	260,000
Shelby Street Sewers	HB380	230,000
Allnut Drive Sewer Replacement	HB380	180,000
Two Creeks Pump Station	HB380	200,000
Holmes Street Sewer Project	HB380	1,630,000
Holmes Street Sewer Project	HB308	733,000

XII. CONTACTS

Legal Applicant	
Name	City of Frankfort
Address	315 W. Second St Frankfort, KY 40601
County	Franklin
Authorized Official	William May, Jr. (Mayor)
Phone	(502) 875-8500
Email	william.may59@gmail.com

Project Contact - Applicant / Administrator	
Name	Rebecca Hall
Representing	City of Frankfort
Address	315 W. Second St Frankfort, KY 40601
Phone	(502) 875-8500
Email	rhall@frankfort.ky.gov

Consulting Engineer	
Name	Ray Bascom, PE
Firm	HMB Professional Engineers
Address	3 HMB Circle Frankfort, KY 40601
Phone	(502) 695-9800
Email	rbascom@hmbpe.com

XIII. RECOMMENDATIONS

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

CITY OF FRANKFORT (SEWER FUND)
 FINANCIAL SUMMARY (JUNE YEAR END)

Balance Sheet

	Audited <u>2012</u>	Audited <u>2013</u>	Projected <u>2014</u>	Projected <u>2015</u>	Projected <u>2016</u>	Projected <u>2017</u>	Projected <u>2018</u>	Projected <u>2019</u>
Assets								
Current Assets	32,779,591	26,766,195	33,421,860	23,580,671	23,737,120	23,826,713	23,915,295	24,032,893
Other Assets	45,341,736	53,260,166	62,527,318	77,596,147	87,696,282	92,744,627	92,520,835	92,129,673
Total	78,121,327	80,026,361	95,949,178	101,176,819	111,433,402	116,571,340	116,436,130	116,162,565
Liabilities & Equity								
Current Liabilities	1,512,950	1,378,106	2,067,800	2,131,753	2,190,791	2,249,906	2,319,100	2,403,000
Long Term Liabilities	20,674,137	19,367,509	32,150,569	33,811,175	39,891,905	43,001,519	41,214,419	39,029,419
Total Liabilities	22,187,087	20,745,615	34,218,369	35,942,928	42,082,696	45,251,425	43,533,519	41,432,419
Net Assets	55,934,240	59,280,746	61,730,809	65,233,891	69,350,707	71,319,915	72,902,611	74,730,146

Cash Flow

Revenues	10,819,626	11,493,162	11,748,023	11,836,285	11,984,170	12,283,637	12,590,590	12,905,217
Operating Expenses	5,755,240	5,718,122	6,266,914	6,392,172	6,535,935	6,700,754	6,833,679	6,969,263
Other Income	308,321	0	0	0	0	0	0	0
Cash Flow Before Debt Service	5,372,707	5,775,040	5,481,109	5,444,113	5,448,235	5,582,883	5,756,911	5,935,954

Debt Service

Existing Debt Service	2,109,455	2,108,252	2,283,492	2,849,617	2,852,251	3,414,430	3,624,701	3,639,201
Proposed KIA Loan	0	0	0	0	48,259	96,517	96,517	96,517
Total Debt Service	2,109,455	2,108,252	2,283,492	2,849,617	2,900,510	3,510,947	3,721,218	3,735,718
Cash Flow After Debt Service	3,263,252	3,666,788	3,197,617	2,594,496	2,547,725	2,071,936	2,035,693	2,200,236

Ratios

Current Ratio	21.7	19.4	16.2	11.1	10.8	10.6	10.3	10.0
Debt to Equity	0.4	0.3	0.6	0.6	0.6	0.6	0.6	0.6
Days Sales in Accounts Receivable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Months Operating Expenses in Unrestricted Cash	24.6	24.4	42.0	23.1	23.3	23.4	23.5	23.6
Debt Coverage Ratio	2.5	2.7	2.4	1.9	1.9	1.6	1.5	1.6

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

I.B.6.

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 (A15-098) IN THE AMOUNT OF \$1,500,000 TO THE CITY OF FRANKFORT, FRANKLIN 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 Frankfort, 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 its 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 \$1,500,000 of project expense including capitalized interest for the construction period, to the City of Frankfort for the Rolling Acres

Inflow and Infiltration Phase 1 project. Such amounts are subject to adjustment by further action of the Authority or may be adjusted by action of the Authority staff at the time of the issuance of bonds based on adjustment in project costs of not more than (10%) ten percent of the project cost 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 1.75%. In addition to debt service, a 0.2% annual administration fee on the unpaid loan balance will be charged. From annual revenues, \$3,900 must be set aside in a borrower held replacement reserve each December 1 until the balance reaches \$39,000 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 May 2015.

TONY WILDER, CHAIR
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

JEFFREY A. ABSHIRE, SECRETARY
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

PECK, SHAFFER & WILLIAMS, A DIVISION OF
DINSMORE & SHOHL LLP, LEGAL COUNSEL TO
THE KENTUCKY INFRASTRUCTURE AUTHORITY

STEVEN L. BESHEAR
GOVERNOR



LEONARD K. PETERS
SECRETARY

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF WATER
200 FAIR OAKS LANE, 4TH FLOOR
FRANKFORT, KENTUCKY 40601
www.kentucky.gov

April 20, 2015

Mr. John Covington
Executive Director
Kentucky Infrastructure Authority
1024 Capital Center Drive, Suite 340
Frankfort, Kentucky 40601

Re: A15-098
Frankfort WWTP--1393
Activity ID: FGL20150006
HUC11: 05100205140
Watershed Name: Kentucky River Palisades
Rolling Acres I & I Phase 1

Dear Mr. Covington:

The Division of Water (DOW) hereby certifies that the City of Frankfort is eligible to receive \$1,500,000 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 Frankfort's status relative to the Clean Water State Revolving Fund General Conditions is provided below:

1. Project specific environmental information was approved on December 17, 2014.
2. Plans and specifications are expected to be submitted to DOW on May 1, 2015.
3. Construction bids are expected to be opened on June 2015.

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 Cathy Arnett, Project Manager, at (502) 564-3410, extension 4594.

Sincerely,

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

Peter Goodmann, Director
Division of Water

PG/BG:CA

c: William May, Jr., Mayor, City of Frankfort
Angela Johnston, Qk4, Inc.

EXECUTIVE SUMMARY		Reviewer	Brandi Armstrong	
KENTUCKY INFRASTRUCTURE AUTHORITY		Date	May 7, 2015	
FUND A, FEDERALLY ASSISTED WASTEWATER		KIA Loan Number	A15-098	
REVOLVING LOAN FUND		WRIS Number	SX21073067	
BORROWER	CITY OF FRANKORT FRANKLIN COUNTY			
BRIEF DESCRIPTION				
This project will inspect 33,000 linear feet of collection sewer in the Rolling Acres Neighborhood that experiences excessive infiltration and inflow during wet weather events causing sanitary sewer overflows. The project will include 9,000 to 12,000 feet of slip lining, 45 to 50 sewer main point repairs and the replacement of 3,000 to 4,000 linear feet of property service connections including installation of 200 to 250 cleanouts.				
PROJECT FINANCING		PROJECT BUDGET		
Fund A Loan	\$1,500,000	RD Fee %	Actual %	
Local Funds	1,450,000	Administrative Expenses		\$40,000
		Eng - Design / Const	7.4%	6.7%
		Eng - Insp	4.2%	3.4%
		Construction		2,500,000
		Contingency		142,030
TOTAL	\$2,950,000	TOTAL		\$2,950,000
REPAYMENT	Rate	1.75%	Est. Annual Payment \$92,213	
	Term	20 Years	1st Payment 6 Mo. after first draw	
PROFESSIONAL SERVICES	Engineer	QK4, Inc.		
	Bond Counsel	Peck, Shaffer, & Williams, a division of Dinsmore & Shohl, LLP		
PROJECT SCHEDULE	Bid Opening	Jun-15		
	Construction Start	Aug-15		
	Construction Stop	Apr-16		
DEBT PER CUSTOMER	Existing	\$2,435		
	Proposed	\$3,005		
OTHER DEBT	See Attached			
OTHER STATE-FUNDED PROJECTS LAST 5 YRS	See Attached			
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>	
	Current	13,715	\$37.32 (for 4,000 gallons)	
	Additional	0	\$37.32 (for 4,000 gallons)	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.			
CASHFLOW	Cash Flow Before Debt Service	Debt Service	Cash Flow After Debt Service	Coverage Ratio
Audited 2012	5,372,707	2,109,455	3,263,252	2.5
Audited 2013	5,775,040	2,108,252	3,666,788	2.7
Audited 2014	5,481,109	2,283,492	3,197,617	2.4
Projected 2015	5,444,113	2,849,617	2,594,496	1.9
Projected 2016	5,448,235	2,900,510	2,547,725	1.9
Projected 2017	5,582,883	3,510,947	2,071,936	1.6
Projected 2018	5,756,911	3,721,218	2,035,693	1.5
Projected 2019	5,935,954	3,735,718	2,200,236	1.6

Reviewer: Brandi Armstrong
 Date: May 7, 2015
 Loan Number: A15-098

**KENTUCKY INFRASTRUCTURE AUTHORITY
 WASTEWATER REVOLVING LOAN FUND (FUND "A")
 CITY OF FRANKFORT, FRANKLIN COUNTY
 PROJECT REVIEW
 SX21073067**

I. PROJECT DESCRIPTION

The City of Frankfort is requesting a Fund "A" loan in the amount of \$1,500,000 for the Rolling Acres Inflow and Infiltration (I&I) Phase 1 project. The project will inspect 33,000 linear feet of collection sewer in the Rolling Acres neighborhood that experiences excessive I&I during wet weather events causing sanitary sewer overflows. The project will include 9,000 to 12,000 feet of sliplining, 45 to 50 sewer main point repairs and the replacement of 3,000 to 4,000 linear feet of property service connections including installation of 200 to 250 cleanouts.

The City's wastewater system has about 34,484 customers and also treats wastewater for an area of Woodford County, which has 21 customers.

II. PROJECT BUDGET

	Total
Administrative Expenses	\$ 40,000
Engineering Fees - Design / Const	177,970
Engineering Fees - Inspection	90,000
Construction	2,500,000
Contingency	142,030
Total	\$ 2,950,000

III. PROJECT FUNDING

	Amount	%
Fund A Loan	\$ 1,500,000	51%
Local Funds	1,450,000	49%
Total	\$ 2,950,000	100%

IV. KIA DEBT SERVICE

Construction Loan	\$ 1,500,000
Interest Rate	1.75%
Loan Term (Years)	20
Estimated Annual Debt Service	\$ 89,213
Administrative Fee (0.20%)	3,000
Total Estimated Annual Debt Service	\$ 92,213

V. PROJECT SCHEDULE

Bid Opening	June 2015
Construction Start	August 2015
Construction Stop	April 2016

VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

A) Customers

Customers	Current
Residential	12,234
Commercial	1,470
Industrial	11
Total	13,715

B) Rates

	Current	Prior
Date of Last Rate Increase	07/01/14	07/01/13
Minimum	\$9.33	\$9.19
Next 9,000 Gallons	9.33	9.19
Over 10,000 Gallons	9.33	9.19
Cost for 4,000 gallons	\$37.32	\$36.76
Increase %	1.5%	2.5%
Affordability Index (Rate/MHI)	1.0%	

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2008-2012, the Utility's service area population was 34,505 with a Median Household Income (MHI) of \$45,623. The median household income for the Commonwealth is \$42,610. The project will qualify for a 1.75% interest rate because the City is a regional provider.

Year	Population				Unemployment	
	City	% Change	County	% Change	Date	Rate
1980	25,973		41,830		June 2004	4.6%
1990	25,968	0.0%	43,781	4.7%	June 2009	9.5%
2000	27,741	6.8%	47,687	8.9%	June 2013	7.4%
2010	25,527	-8.0%	49,285	3.4%	June 2014	6.5%
Current	26,745	4.8%	49,399	0.2%		
Cumulative %		3.0%		18.1%		

VIII. 2014 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 (See Exhibit 1)

Financial information was obtained from the audited financial statements for the Sewer Fund for years ended June 30, 2012 through 2014. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

HISTORY

Sewer revenues increased 9% from \$10.8 million in 2012 to \$11.7 million in 2014. Operating expenses also increased 9% from \$5.8 million to \$6.3 million during the same period. Cash available for debt service was \$5.4 million, \$5.8 million and \$5.5 million in 2012, 2013, and 2014, respectively. The debt coverage ratio was 2.5, 2.7 and 2.4 for the same years.

The balance sheet is strong with a current ratio of 16.2 and a debt to equity ratio of .6. The number of months of operating expenses in unrestricted cash and investments is 42. The utility has historically maintained a strong cash position that permits capital expenditures to be internally funded. The City does not have a formal policy concerning replacement reserves; however they have traditionally targeted funding the reserve with an amount equal to 20% - 25% of annual revenues.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Revenues will be flat for volume and reflect a previously approved rate increase of 1.5% for 2015 and approved rate increases of 2.5% from January 1, 2016 and each following January 1 through 2020.
- 2) Expenses will increase 2% annually for inflation.
- 3) Debt service coverage is 1.5 in 2018 which is the first full year of principal and interest repayments for all KIA funded projects that are proposed or in process.

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

REPLACEMENT RESERVE

The annual replacement cost is \$3,900. This amount should be added to the replacement account each December 1 until the balance reaches \$39,000 and maintained for the life of the loan.

X. DEBT OBLIGATIONS

	<u>Outstanding</u>	<u>Maturity</u>
2007 Revenue Bonds	7,240,000	2023
2010 Revenue Bonds	11,265,000	2025
2013 Revenue Bonds	9,995,000	2039
KIA Loan (A209-23)	323,653	2030
KIA Loan (A13-011)	4,717,418	2033
KIA Loan (A14-006, i/a/o \$4,905,000)	0	TBD
KIA Loan (A15-032, i/a/o \$3,731,000)	0	TBD
KIA Loan (A15-092, i/a/o \$747,041)	0	TBD
KIA Loan (A15-095, i/a/o \$1,570,000)	0	TBD
KIA Loan (A15-101, i/a/o \$1,320,000)	0	TBD
Total	\$33,541,071	

XI. OTHER STATE OR FEDERAL FUNDING IN PAST FIVE YEARS

<u>Description</u>	<u>Funding Source</u>	<u>Type</u>
Cardinal Hills Pump Station	HB380	260,000
Shelby Street Sewers	HB380	230,000
Allnut Drive Sewer Replacement	HB380	180,000
Two Creeks Pump Station	HB380	200,000
Holmes Street Sewer Project	HB380	1,630,000
Holmes Street Sewer Project	HB308	733,000

XII. CONTACTS

Legal Applicant	
Name	City of Frankfort
Address	315 W. Second St Frankfort, KY 40601
County	Franklin
Authorized Official	William May, Jr. (Mayor)
Phone	(502) 875-8500
Email	william.may59@gmail.com

Project Contact - Applicant / Administrator	
Name	Rebecca Hall
Representing	City of Frankfort
Address	315 W. Second St Frankfort, KY 40601
Phone	(502) 875-8500
Email	rhall@frankfort.ky.gov

Consulting Engineer	
Name	Angela Johnston
Firm	QK4, Inc.
Address	1046 E Chestnut St Louisville, KY 40204
Phone	(502) 585-2222
Email	ajohnston@qk4.com

XIII. RECOMMENDATIONS

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

CITY OF FRANKFORT (SEWER FUND)
 FINANCIAL SUMMARY (JUNE YEAR END)

Balance Sheet

	Audited <u>2012</u>	Audited <u>2013</u>	Projected <u>2014</u>	Projected <u>2015</u>	Projected <u>2016</u>	Projected <u>2017</u>	Projected <u>2018</u>	Projected <u>2019</u>
Assets								
Current Assets	32,779,591	26,766,195	33,421,860	23,580,671	23,737,120	23,826,713	23,915,295	24,032,893
Other Assets	45,341,736	53,260,166	62,527,318	77,596,147	87,696,282	92,744,627	92,520,835	92,129,673
Total	78,121,327	80,026,361	95,949,178	101,176,819	111,433,402	116,571,340	116,436,130	116,162,565
Liabilities & Equity								
Current Liabilities	1,512,950	1,378,106	2,067,800	2,131,753	2,190,791	2,249,906	2,319,100	2,403,000
Long Term Liabilities	20,674,137	19,367,509	32,150,569	33,811,175	39,891,905	43,001,519	41,214,419	39,029,419
Total Liabilities	22,187,087	20,745,615	34,218,369	35,942,928	42,082,696	45,251,425	43,533,519	41,432,419
Net Assets	55,934,240	59,280,746	61,730,809	65,233,891	69,350,707	71,319,915	72,902,611	74,730,146

Cash Flow

Revenues	10,819,626	11,493,162	11,748,023	11,836,285	11,984,170	12,283,637	12,590,590	12,905,217
Operating Expenses	5,755,240	5,718,122	6,266,914	6,392,172	6,535,935	6,700,754	6,833,679	6,969,263
Other Income	308,321	0	0	0	0	0	0	0
Cash Flow Before Debt Service	5,372,707	5,775,040	5,481,109	5,444,113	5,448,235	5,582,883	5,756,911	5,935,954

Debt Service

Existing Debt Service	2,109,455	2,108,252	2,283,492	2,849,617	2,900,510	3,418,734	3,629,005	3,643,505
Proposed KIA Loan	0	0	0	0	0	92,213	92,213	92,213
Total Debt Service	2,109,455	2,108,252	2,283,492	2,849,617	2,900,510	3,510,947	3,721,218	3,735,718
Cash Flow After Debt Service	3,263,252	3,666,788	3,197,617	2,594,496	2,547,725	2,071,936	2,035,693	2,200,236

Ratios

Current Ratio	21.7	19.4	16.2	11.1	10.8	10.6	10.3	10.0
Debt to Equity	0.4	0.3	0.6	0.6	0.6	0.6	0.6	0.6
Days Sales in Accounts Receivable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Months Operating Expenses in Unrestricted Cash	24.6	24.4	42.0	23.1	23.3	23.4	23.5	23.6
Debt Coverage Ratio	2.5	2.7	2.4	1.9	1.9	1.6	1.5	1.6

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

I.B.7.

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 (A15-101) IN THE AMOUNT OF \$1,320,000 TO THE CITY OF FRANKFORT, FRANKLIN 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 Frankfort, 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 its 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 \$1,320,000 of project expense including capitalized interest for the construction period, to the City of Frankfort for the Wastewater

Treatment Plant Emergency Generator and SCADA System project. Such amounts are subject to adjustment by further action of the Authority or may be adjusted by action of the Authority staff at the time of the issuance of bonds based on adjustment in project costs of not more than (10%) ten percent of the project cost 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 1.75%. In addition to debt service, a 0.2% annual administration fee on the unpaid loan balance will be charged. From annual revenues, \$3,300 must be set aside in a borrower held replacement reserve each December 1 until the balance reaches \$33,000 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 May 2015.

TONY WILDER, CHAIR
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

JEFFREY A. ABSHIRE, SECRETARY
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

PECK, SHAFFER & WILLIAMS, A DIVISION OF
DINSMORE & SHOHL LLP, LEGAL COUNSEL TO
THE KENTUCKY INFRASTRUCTURE AUTHORITY

STEVEN L. BESHEAR
GOVERNOR



LEONARD K. PETERS
SECRETARY

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF WATER
200 FAIR OAKS LANE, 4TH FLOOR
FRANKFORT, KENTUCKY 40601
www.kentucky.gov

April 21, 2015

Mr. John Covington
Executive Director
Kentucky Infrastructure Authority
1024 Capital Center Drive, Suite 340
Frankfort, Kentucky 40601

Re: A15-101
Frankfort WWTP--1393
Activity ID: FGL20150019
HUC11: 05100205250
Watershed Name: Kentucky River, below Frankfort

Dear Mr. Covington:

The Division of Water (DOW) hereby certifies that the City of Frankfort is eligible to receive \$1,320,000 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 Frankfort'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 in June, 2015.
2. Plans and specifications are expected to be submitted to DOW in July, 2015.
3. Construction bids are expected to be opened in October, 2015.

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 Buddy Griffin, Project Manager, at (502) 564-3410, extension 4971.

Sincerely,

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

Peter Goodman, Director
Division of Water

PG/BG:bg

c: William I. May, Mayor
Rebecca Hall, City of Frankfort
Ray Bascom, P.E., HMB Professional Engineers, Inc.

EXECUTIVE SUMMARY		Reviewer	Brandi Armstrong	
KENTUCKY INFRASTRUCTURE AUTHORITY		Date	May 7, 2015	
FUND A, FEDERALLY ASSISTED WASTEWATER		KIA Loan Number	A15-101	
REVOLVING LOAN FUND		WRIS Number	SX21073062	
BORROWER	CITY OF FRANKFORT FRANKLIN COUNTY			
BRIEF DESCRIPTION				
This project will provide backup generators for periods of power outage. Additionally, the project will install a SCADA system to the Waste Water Treatment Plant that is manually operated. The SCADA system will allow the WWTP to automatically make adjustments to enhance treatment and reduce plant electric costs. The new system will allow monitoring of the system from remote locations.				
PROJECT FINANCING		PROJECT BUDGET		
Fund A Loan	\$1,320,000	RD Fee %	Actual %	
Local Funds	310,000			
		Administrative Expenses		\$20,000
		Planning		19,500
		Eng - Design / Const	8.4%	8.4%
		Eng - Insp	5.2%	2.8%
		Eng - Other		15,720
		Construction		1,313,200
		Contingency		103,300
TOTAL	\$1,630,000	TOTAL		\$1,630,000
REPAYMENT	Rate	1.75%	Est. Annual Payment	\$81,148
	Term	20 Years	1st Payment	6 Mo. after first draw
PROFESSIONAL SERVICES	Engineer	HMB Professional Engineers		
	Bond Counsel	Peck, Shaffer, & Williams, a division of Dinsmore & Shohl, LLP		
PROJECT SCHEDULE	Bid Opening	Oct-15		
	Construction Start	Feb-16		
	Construction Stop	Oct-16		
DEBT PER CUSTOMER	Existing	\$2,435		
	Proposed	\$3,236		
OTHER DEBT	See Attached			
OTHER STATE-FUNDED PROJECTS LAST 5 YRS	See Attached			
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>	
	Current	13,715	\$37.32 (for 4,000 gallons)	
	Additional	0	\$37.32 (for 4,000 gallons)	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.			
CASHFLOW	Cash Flow Before Debt Service	Debt Service	Cash Flow After Debt Service	Coverage Ratio
Audited 2012	5,372,707	2,109,455	3,263,252	2.5
Audited 2013	5,775,040	2,108,252	3,666,788	2.7
Audited 2014	5,481,109	2,283,492	3,197,617	2.4
Projected 2015	5,444,113	2,849,617	2,594,496	1.9
Projected 2016	5,448,235	2,900,510	2,547,725	1.9
Projected 2017	5,582,883	3,510,947	2,071,936	1.6
Projected 2018	5,756,911	3,721,218	2,035,693	1.5
Projected 2019	5,935,954	3,735,718	2,200,236	1.6

Reviewer: Brandi Armstrong
 Date: May 7, 2015
 Loan Number: A15-101

**KENTUCKY INFRASTRUCTURE AUTHORITY
 WASTEWATER REVOLVING LOAN FUND (FUND "A")
 CITY OF FRANKFORT, FRANKLIN COUNTY
 PROJECT REVIEW
 SX21073062**

I. PROJECT DESCRIPTION

The City of Frankfort is requesting a Fund "A" loan in the amount of \$1,320,000 for the Wastewater Treatment Plant Emergency Generator and SCADA System project. This project will provide backup generators during periods of power outage. Additionally, the project will install a SCADA system to the Waste Water Treatment Plant that is manually operated. The SCADA system will allow the WWTP to automatically make adjustments to enhance treatment and reduce plant electric costs. The new system will allow monitoring of the system from remote locations.

The City's wastewater system has about 34,484 customers and also treats wastewater for an area of Woodford County, which has 21 customers.

II. PROJECT BUDGET

	Total
Administrative Expenses	\$ 20,000
Planning	19,500
Engineering Fees - Design / Const	118,280
Engineering Fees - Inspection	40,000
Engineering Fees - Other	15,720
Construction	1,313,200
Contingency	103,300
Total	\$ 1,630,000

III. PROJECT FUNDING

	Amount	%
Fund A Loan	\$ 1,320,000	81%
Local Funds	310,000	19%
Total	\$ 1,630,000	100%

IV. KIA DEBT SERVICE

Construction Loan	\$ 1,320,000
Interest Rate	1.75%
Loan Term (Years)	20
Estimated Annual Debt Service	\$ 78,508
Administrative Fee (0.20%)	2,640
Total Estimated Annual Debt Service	\$ 81,148

V. PROJECT SCHEDULE

Bid Opening	October 2015
Construction Start	February 2015
Construction Stop	October 2016

VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

A) Customers

Customers	Current
Residential	12,234
Commercial	1,470
Industrial	11
Total	13,715

B) Rates

	Current	Prior
Date of Last Rate Increase	07/01/14	07/01/13
Minimum	\$9.33	\$9.19
Next 9,000 Gallons	9.33	9.19
Over 10,000 Gallons	9.33	9.19
Cost for 4,000 gallons	\$37.32	\$36.76
Increase %	1.5%	2.5%
Affordability Index (Rate/MHI)	1.0%	

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2008-2012, the Utility's service area population was 34,505 with a Median Household Income (MHI) of \$45,623. The median household income for the Commonwealth is \$42,610. The project will qualify for a 1.75% interest rate because the City is a regional provider.

Year	Population				Unemployment	
	City	% Change	County	% Change	Date	Rate
1980	25,973		41,830		June 2004	4.6%
1990	25,968	0.0%	43,781	4.7%	June 2009	9.5%
2000	27,741	6.8%	47,687	8.9%	June 2013	7.4%
2010	25,527	-8.0%	49,285	3.4%	June 2014	6.5%
Current	26,745	4.8%	49,399	0.2%		
Cumulative %		3.0%		18.1%		

VIII. 2014 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 (See Exhibit 1)

Financial information was obtained from the audited financial statements for the Sewer Fund for years ended June 30, 2012 through 2014. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

HISTORY

Sewer revenues increased 9% from \$10.8 million in 2012 to \$11.7 million in 2014. Operating expenses also increased 9% from \$5.8 million to \$6.3 million during the same period. Cash available for debt service was \$5.4 million, \$5.8 million and \$5.5 million in 2012, 2013, and 2014, respectively. The debt coverage ratio was 2.5, 2.7 and 2.4 for the same years.

The balance sheet is strong with a current ratio of 16.2 and a debt to equity ratio of .6. The number of months of operating expenses in unrestricted cash and investments is 42. The utility has historically maintained a strong cash position that permits capital expenditures to be internally funded. The City does not have a formal policy concerning replacement reserves; however they have traditionally targeted funding the reserve with an amount equal to 20% - 25% of annual revenues.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Revenues will be flat for volume and reflect a previously approved rate increase of 1.5% for 2015 and approved rate increases of 2.5% from January 1, 2016 and each following January 1 through 2020.
- 2) Expenses will increase 2% annually for inflation.
- 3) Debt service coverage is 1.5 in 2018 which is the first full year of principal and interest repayments for all KIA funded projects that are proposed or in process.

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

REPLACEMENT RESERVE

The annual replacement cost is \$3,300. This amount should be added to the replacement account each December 1 until the balance reaches \$33,000 and maintained for the life of the loan.

X. DEBT OBLIGATIONS

	<u>Outstanding</u>	<u>Maturity</u>
2007 Revenue Bonds	7,240,000	2023
2010 Revenue Bonds	11,265,000	2025
2013 Revenue Bonds	9,995,000	2039
KIA Loan (A209-23)	323,653	2030
KIA Loan (A13-011)	4,717,418	2033
KIA Loan (A14-006, i/a/o \$4,905,000)	0	TBD
KIA Loan (A15-032, i/a/o \$3,731,000)	0	TBD
KIA Loan (A15-095, i/a/o \$1,570,000)	0	TBD
KIA Loan (A15-098, i/a/o \$1,500,000)	0	TBD
KIA Loan (A15-092, i/a/o \$747,041)	0	TBD
Total	\$33,541,071	

XI. OTHER STATE OR FEDERAL FUNDING IN PAST FIVE YEARS

<u>Description</u>	<u>Funding Source</u>	<u>Type</u>
Cardinal Hills Pump Station	HB380	260,000
Shelby Street Sewers	HB380	230,000
Allnut Drive Sewer Replacement	HB380	180,000
Two Creeks Pump Station	HB380	200,000
Holmes Street Sewer Project	HB380	1,630,000
Holmes Street Sewer Project	HB308	733,000

XII. CONTACTS

Legal Applicant	
Name	City of Frankfort
Address	315 W. Second St Frankfort, KY 40601
County	Franklin
Authorized Official	William May, Jr. (Mayor)
Phone	(502) 875-8500
Email	william.may59@gmail.com

Project Contact - Applicant / Administrator	
Name	Rebecca Hall
Representing	City of Frankfort
Address	315 W. Second St Frankfort, KY 40601
Phone	(502) 875-8500
Email	rhall@frankfort.ky.gov

Consulting Engineer	
Name	Ray Bascom
Firm	HMB Professional Engineers
Address	3 HMB Circle Frankfort, KY 40601
Phone	(502) 695-9800
Email	rbascom@hmbpe.com

XIII. RECOMMENDATIONS

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

CITY OF FRANKFORT (SEWER FUND)
 FINANCIAL SUMMARY (JUNE YEAR END)

Balance Sheet

	Audited <u>2012</u>	Audited <u>2013</u>	Projected <u>2014</u>	Projected <u>2015</u>	Projected <u>2016</u>	Projected <u>2017</u>	Projected <u>2018</u>	Projected <u>2019</u>
Assets								
Current Assets	32,779,591	26,766,195	33,421,860	23,580,671	23,737,120	23,826,713	23,915,295	24,032,893
Other Assets	45,341,736	53,260,166	62,527,318	77,596,147	87,696,282	92,744,627	92,520,835	92,129,673
Total	78,121,327	80,026,361	95,949,178	101,176,819	111,433,402	116,571,340	116,436,130	116,162,565
Liabilities & Equity								
Current Liabilities	1,512,950	1,378,106	2,067,800	2,131,753	2,190,791	2,249,906	2,319,100	2,403,000
Long Term Liabilities	20,674,137	19,367,509	32,150,569	33,811,175	39,891,905	43,001,519	41,214,419	39,029,419
Total Liabilities	22,187,087	20,745,615	34,218,369	35,942,928	42,082,696	45,251,425	43,533,519	41,432,419
Net Assets	55,934,240	59,280,746	61,730,809	65,233,891	69,350,707	71,319,915	72,902,611	74,730,146

Cash Flow

Revenues	10,819,626	11,493,162	11,748,023	11,836,285	11,984,170	12,283,637	12,590,590	12,905,217
Operating Expenses	5,755,240	5,718,122	6,266,914	6,392,172	6,535,935	6,700,754	6,833,679	6,969,263
Other Income	308,321	0	0	0	0	0	0	0
Cash Flow Before Debt Service	5,372,707	5,775,040	5,481,109	5,444,113	5,448,235	5,582,883	5,756,911	5,935,954

Debt Service

Existing Debt Service	2,109,455	2,108,252	2,283,492	2,849,617	2,900,510	3,470,373	3,640,070	3,654,570
Proposed KIA Loan	0	0	0	0	0	40,574	81,148	81,148
Total Debt Service	2,109,455	2,108,252	2,283,492	2,849,617	2,900,510	3,510,947	3,721,218	3,735,718
Cash Flow After Debt Service	3,263,252	3,666,788	3,197,617	2,594,496	2,547,725	2,071,936	2,035,693	2,200,236

Ratios

Current Ratio	21.7	19.4	16.2	11.1	10.8	10.6	10.3	10.0
Debt to Equity	0.4	0.3	0.6	0.6	0.6	0.6	0.6	0.6
Days Sales in Accounts Receivable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Months Operating Expenses in Unrestricted Cash	24.6	24.4	42.0	23.1	23.3	23.4	23.5	23.6
Debt Coverage Ratio	2.5	2.7	2.4	1.9	1.9	1.6	1.5	1.6

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

I.B.8.

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 (A15-094) IN THE AMOUNT OF \$3,500,000 TO THE CITY OF GLASGOW FOR THE BENEFIT OF GLASGOW WATER COMPANY, BARREN 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 Glasgow f/b/o Glasgow Water Company, 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 its 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 \$3,500,000 of project expense including

capitalized interest for the construction period, to the City of Glasgow f/b/o Glasgow Water Company for the Southside Interceptor Project. Such amounts are subject to adjustment by further action of the Authority or may be adjusted by action of the Authority staff at the time of the issuance of bonds based on adjustment in project costs of not more than (10%) ten percent of the project cost 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 0.75%. In addition to debt service, a 0.2% annual administration fee on the unpaid loan balance will be charged. From annual revenues, \$8,800 must be set aside in a borrower held replacement reserve each December 1 until the balance reaches \$88,000 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 May, 2015.

TONY WILDER, CHAIR
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

JEFFREY A. ABSHIRE, SECRETARY
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

PECK, SHAFFER & WILLIAMS, A DIVISION OF
DINSMORE & SHOHL LLP, LEGAL COUNSEL TO
THE KENTUCKY INFRASTRUCTURE AUTHORITY

STEVEN L. BESHEAR
GOVERNOR



LEONARD K. PETERS
SECRETARY

ENERGY AND ENVIRONMENT CABINET

DEPARTMENT FOR ENVIRONMENTAL PROTECTION

DIVISION OF WATER

200 FAIR OAKS LANE, 4TH FLOOR

FRANKFORT, KENTUCKY 40601

www.kentucky.gov

April 24, 2015

Mr. John Covington
Executive Director
Kentucky Infrastructure Authority
1024 Capital Center Drive, Suite 340
Frankfort, Kentucky 40601

Re: A15-094
Glasgow WWTP--94
Activity ID: FGL20150003
HUC11: 05110002170
Watershed Name: Beaver Creek
Project Name: Southside Interceptor Improvements
Phase 3

Dear Mr. Covington:

The Division of Water (DOW) hereby certifies that the Glasgow Water Company is eligible to receive \$3,500,000.00 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 Glasgow Water Company'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 in May 2015.
2. Plans and specifications were submitted to DOW on December 8, 2015; technical approval was issued by DOW on January 15, 2015.
3. Construction bids are expected to be opened in June 2015.

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) 564-3410, extension 4592.

Sincerely,

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

Peter Goodmann, Director
Division of Water

PG/BG:jjm

c: Scott Young, Glasgow Water Company
Gene Becker, Barren River ADD
Tim Tucker, Cannon & Cannon

EXECUTIVE SUMMARY		Reviewer	Debbie Landrum		
KENTUCKY INFRASTRUCTURE AUTHORITY		Date	May 7, 2015		
FUND A, FEDERALLY ASSISTED WASTEWATER		KIA Loan Number	A15-094		
REVOLVING LOAN FUND		WRIS Number	SX21009018		
BORROWER	CITY OF GLASGOW BARREN COUNTY				
BRIEF DESCRIPTION					
This project consists of replacing and upgrading a large portion of the southside interceptor to eliminate historical SSO's and provides additional capacity for future growth. It includes upgrading 5,300 feet of 24 inch gravity line to 42 inches and 9,000 feet of 24 inch gravity line to 36 inches. The project would eliminate seven of eight identified SSO's in the Glasgow collection system.					
PROJECT FINANCING		PROJECT BUDGET	RD Fee %	Actual %	
Fund A Loan	\$3,500,000	Eng - Design / Const	6.7%	4.7%	\$244,000
Local Funds	2,000,000	Eng - Insp	3.5%	1.7%	90,000
		Construction			4,650,000
		Contingency			516,000
TOTAL	<u>\$5,500,000</u>	TOTAL			<u>\$5,500,000</u>
REPAYMENT	Rate	0.75%	Est. Annual Payment		\$195,780
	Term	20 Years	1st Payment	6 Mo. after first draw	
PROFESSIONAL SERVICES	Engineer	Cannon & Cannon, Inc			
	Bond Counsel	Peck, Shaffer, & Williams, a division of Dinsmore & Shohl, LLP			
PROJECT SCHEDULE	Bid Opening	Jun-15			
	Construction Start	Jul-15			
	Construction Stop	Jul-17			
DEBT PER CUSTOMER	Existing	\$1,858			
	Proposed	\$1,403			
OTHER DEBT	See Attached				
OTHER STATE-FUNDED PROJECTS LAST 5 YRS	See Attached				
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>		
	Current	5,954	\$19.05	(for 4,000 gallons)	
	Additional	0	\$19.05	(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 2012	1,865,016	767,371	1,097,645	2.4	
Audited 2013	2,630,762	777,332	1,853,430	3.4	
Audited 2014	3,197,436	1,026,850	2,170,586	3.1	
Projected 2015	3,147,371	1,098,294	2,049,077	2.9	
Projected 2016	3,162,744	1,305,381	1,857,363	2.4	
Projected 2017	3,183,767	1,145,569	2,038,198	2.8	
Projected 2018	3,193,979	1,246,359	1,947,620	2.6	
Projected 2019	3,210,816	1,341,849	1,868,967	2.4	

Reviewer: Debbie Landrum
 Date: May 7, 2015
 Loan Number: A15-094

**KENTUCKY INFRASTRUCTURE AUTHORITY
 WASTEWATER REVOLVING LOAN FUND (FUND "A")
 CITY OF GLASGOW, BARREN COUNTY
 PROJECT REVIEW
 SX21009018**

I. PROJECT DESCRIPTION

The City of Glasgow f/b/o Glasgow Water Company is requesting a \$3,500,000 Fund "A" loan for the Southside Interceptor Project. The project will eliminate historical sanitary sewer overflow and provides additional capacity for future growth. The project consists of upgrading 5,300 feet of existing 24 inch gravity line to 42 inch line from sanitary sewer overflow #8 to existing WWTP and upgrading 9,000 feet of existing 24 inch gravity line to 36 inch from sanitary sewer overflow #13 to sanitary sewer overflow #8. The project would eliminate seven of eight identified sanitary sewer overflows and reduce ongoing maintenance on an aged interceptor.

Glasgow Water Company provides water and sewer for the City of Glasgow and has approximately 16,600 water and 6,000 sewer customers.

II. PROJECT BUDGET

	<u>Total</u>
Engineering Fees – Design / Const	244,000
Engineering Fees - Inspection	90,000
Construction	4,650,000
Contingency	516,000
Total	\$ 5,500,000

III. PROJECT FUNDING

	<u>Amount</u>	<u>%</u>
Fund A Loan	\$ 3,500,000	64%
Local Funds	2,000,000	36%
Total	\$ 5,500,000	100%

IV. KIA DEBT SERVICE

Construction Loan	\$ 3,500,000
Interest Rate	0.75%
Loan Term (Years)	20
Estimated Annual Debt Service	\$ 188,780
Administrative Fee (0.20%)	7,000
Total Estimated Annual Debt Service	\$ 195,780

V. PROJECT SCHEDULE

Bid Opening	June 2015
Construction Start	July 2015
Construction Stop	July 2017

VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

A) Customers

Customers	Current
Residential	5,069
Commercial	824
Industrial	61
Total	5,954

B) Rates

Sewer	Inside City		Outside City	
	Current	Prior	Current	Prior
Date of Last Rate	10/01/12	01/01/09	10/01/12	04/01/09
First 2,000 Gallons	\$11.15	\$8.40	\$14.15	\$12.60
Over 2,000 Gallons	3.95	2.80	4.80	4.20
Cost for 4,000 gallons	\$19.05	\$14.00	\$23.75	\$21.00
Increase %	36.1%		13.1%	
Affordability Index	0.8%		0.9%	

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2008-2012, the Utility's service area population was 15,071 with a Median Household Income (MHI) of \$30,020. The median household income for the Commonwealth is \$42,610. The project will qualify for a .75% interest rate because the utility's service area MHI is below 80% of the State's MHI.

Year	Population				Unemployment	
	City	% Change	County	% Change	Date	Rate
1980	12,958		34,009		June 2004	4.5%
1990	12,351	-4.7%	34,001	0.0%	June 2009	12.8%
2000	13,019	5.4%	38,033	11.9%	June 2013	8.6%
2010	14,028	7.8%	42,173	10.9%	June 2014	7.3%
Current	14,122	0.7%	42,504	0.8%		
Cumulative %		9.0%		25.0%		

VIII. FINANCIAL ANALYSIS (See Exhibit 1)

Financial information is from the audited financial statements for the year's ended June 30, 2012 through 2014 for Glasgow Water Company, and includes both water and sewer operations. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

HISTORY

Revenues increased 25% from \$7.4 million in 2012 to \$9.3 million in 2014 while operating expenses increased 8% from \$5.6 million to \$6.1 million during the same period. Debt service was \$767,371 in 2012, \$777,332 in 2013 and \$1,026,850 in 2014 which resulted in debt coverage ratios of 2.4, 3.4, and 3.1 for 2012 through 2014, respectively.

The balance sheet reflects a current ratio of 10.8, a debt to equity ratio of 0.3 and the number of months of operating expenses in unrestricted cash is 9.4.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Revenues will increase 3% annually for inflation and volume.
- 2) Expenses will increase 4% annually for inflation and volume.
- 3) Debt service coverage is 2.6 in 2018 when principal and interest repayments begin on all current projects.

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

REPLACEMENT RESERVE

The annual replacement cost is \$8,800. This amount should be added to the replacement account each December 1 until the balance reaches \$88,000 and

maintained for the life of the loan.

IX. DEBT OBLIGATIONS

	<u>Outstanding</u>	<u>Maturity</u>
2009 Water Revenue Bond	305,000	2016
2012 Water Revenue Bond	4,395,000	2023
2013 Water Revenue Bond	6,365,000	2043
KIA C14-002 (i/a/o \$2,485,000)	3,000,000	TBD
Total	\$14,065,000	

X. OTHER STATE OR FEDERAL FUNDING IN PAST FIVE YEARS

<u>Description</u>	<u>Funding Source</u>	<u>Type</u>
Wastewater Treatment Plant Improvement	EDA	Grant
Wastewater Treatment Plant Improvement	HB265	Grant

XI. CONTACTS

Legal Applicant	
Name	Glasgow Water and Sewer Commission
Address	126 E. Public Square / P.O. Box 819 Glasgow, KY 42141
County	Barren
Authorized Official	Dick Doty (Mayor)
Phone	(270) 651-1777
Email	dickdoty@glasgow-ky.com

Project Contact - Applicant	
Name	Scott Young
Representing	Glasgow Water and Sewer Commission
Address	126 E. Public Square / P.O. Box 819 Glasgow, KY 42141
Phone	(270) 651-3727
Email	syoung@glasgowh2o.com

Project Administrator

Name	Barren River Area Development
Address	177 Graham Ave Bowling Green, KY 42101
Contact	Gene Becker
Phone	(270) 781-2381
Email	gene@bradd.org

Consulting Engineer

Name	Tim Tucker
Firm	Cannon & Cannon, Inc
Address	8550 Kingston Pike Knoxville, TN 37919
Phone	(865) 670-8555
Email	ttucker@cannon-cannon.com

XII. RECOMMENDATIONS

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

CITY OF GLASGOW
FINANCIAL SUMMARY (JUNE YEAR END)

Balance Sheet

	Audited 2012	Audited 2013	Projected 2014	Projected 2015	Projected 2016	Projected 2017	Projected 2018	Projected 2019
Assets								
Current Assets	3,722,553	4,536,414	6,380,052	4,603,620	4,805,483	5,026,681	5,238,801	5,443,768
Other Assets	42,112,944	42,985,348	50,114,926	54,173,624	54,254,662	54,540,776	58,022,238	57,975,776
Total Assets	45,835,497	47,521,762	56,494,978	58,777,244	59,060,145	59,567,457	63,261,039	63,419,544
Liabilities & Equity								
Current Liabilities	520,080	551,254	589,428	604,080	619,080	634,580	650,480	666,880
Long Term Liabilities	5,839,708	5,530,177	12,170,190	10,331,049	9,581,049	8,976,049	8,356,049	7,726,049
Total Liabilities	6,359,788	6,081,431	12,759,618	10,935,129	10,200,129	9,610,629	9,006,529	8,392,929
Net Assets	39,475,709	41,440,331	43,735,360	47,842,115	48,860,016	49,956,828	54,254,510	55,026,615

Cash Flow

Revenues	7,441,907	8,594,129	9,270,934	9,464,950	9,741,668	10,026,689	10,320,259	10,622,637
Operating Expenses	5,627,103	6,037,730	6,102,035	6,346,116	6,607,461	6,871,459	7,154,817	7,440,358
Other Income	50,212	74,363	28,537	28,537	28,537	28,537	28,537	28,537
Cash Flow Before Debt Service	1,865,016	2,630,762	3,197,436	3,147,371	3,162,744	3,183,767	3,193,979	3,210,816
Debt Service								
Existing Debt Service	767,371	777,332	1,026,850	1,098,294	1,305,381	1,145,569	1,148,469	1,146,069
Proposed KIA Loan	0	0	0	0	0	0	97,890	195,780
Total Debt Service	767,371	777,332	1,026,850	1,098,294	1,305,381	1,145,569	1,246,359	1,341,849
Cash Flow After Debt Service	1,097,645	1,853,430	2,170,586	2,049,077	1,857,363	2,038,198	1,947,620	1,868,967

Ratios

Current Ratio	7.2	8.2	10.8	7.6	7.8	7.9	8.1	8.2
Debt to Equity	0.2	0.1	0.3	0.2	0.2	0.2	0.2	0.2
Days Sales in Accounts Receivable	20.4	22.8	21.7	21.7	21.8	21.8	21.8	21.8
Months Operating Expenses in Unrestricted Cash	6.5	6.5	9.4	6.3	6.4	6.5	6.6	6.7
Debt Coverage Ratio	2.4	3.4	3.1	2.9	2.4	2.8	2.6	2.4

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

I.B.9.

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 LOAN (A15-019) IN THE AMOUNT OF \$4,156,000 TO THE CITY OF LIBERTY, CASEY 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 Liberty, 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 its 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 loan for \$4,156,000 of project expense including capitalized interest for the construction period, to the City of Liberty for the Wastewater Treatment Plant Upgrade Project. Such amounts are subject to adjustment by further

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

Section 3. Principal forgiveness of 10% will be deducted from the approved loan amount. The unforgiven principal balance of \$3,740,400 shall be repaid.

Section 4. The unforgiven principal shall be repayable over 30 years at an interest rate of 0.75%. In addition to debt service, a 0.2% annual administration fee on the unpaid, unforgiven principal balance will be charged. From annual revenues, \$10,400 must be set aside in a borrower held replacement reserve each December 1 until the balance reaches \$104,000 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 5. 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 May, 2015.

TONY WILDER, CHAIR
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

JEFFREY A. ABSHIRE, SECRETARY
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

PECK, SHAFFER & WILLIAMS, A DIVISION OF
DINSMORE & SHOHL, LLP, LEGAL COUNSEL TO THE
KENTUCKY INFRASTRUCTURE AUTHORITY

STEVEN L. BESHEAR
GOVERNOR



LEONARD K. PETERS
SECRETARY

ENERGY AND ENVIRONMENT CABINET

DEPARTMENT FOR ENVIRONMENTAL PROTECTION

DIVISION OF WATER

200 FAIR OAKS LANE, 4TH FLOOR

FRANKFORT, KENTUCKY 40601

www.kentucky.gov

March 26, 2015

Mr. John Covington
Executive Director
Kentucky Infrastructure Authority
1024 Capital Center Drive, Suite 340
Frankfort, Kentucky 40601

Re: A15-019
Liberty WWTP--746
Activity ID: FGL20150003
HUC11: 05110001010
Watershed Name: Green River,
headwaters near Liberty

Dear Mr. Covington:

The Division of Water (DOW) hereby certifies that the City of Liberty is eligible to receive \$4,156,000.00 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 Liberty'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 July 30, 2015.
2. Plans and specifications are expected to be submitted to DOW on December 1, 2015.
3. Construction bids are expected to be opened on April 1, 2016.

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 Bill Averell, Project Manager, at (502) 564-3410, extension 4980.

Sincerely,

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

Peter Goodmann, Director
Division of Water

PG/BG: ba

c: City of Liberty
Lake Cumberland ADD
GRW Engineers, Inc.

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY FUND A, FEDERALLY ASSISTED WASTEWATER REVOLVING LOAN FUND		Reviewer Date KIA Loan Number WRIS Number	Jami Johnson May 7, 2015 A15-019 SX21045002	
BORROWER	CITY OF LIBERTY CASEY COUNTY			
BRIEF DESCRIPTION				
This project involves the construction of a one million gallon wet weather flow equalization basin, replacement of various wastewater treatment plant components that have exceeded their useful life, and will make improvements to the laboratory and office facilities. The wet weather project will limit or eliminate bypassing of wet weather flows through the treatment process during significant rainfall events.				
PROJECT FINANCING		PROJECT BUDGET		
Fund A Loan	\$4,156,000	RD Fee %	Actual %	
		Administrative Expenses	\$45,000	
		Land, Easements	5,000	
		Eng - Design / Const	240,000	
		Eng - Insp	170,000	
		Eng - Other	60,000	
		Construction	3,310,000	
		Contingency	326,000	
TOTAL	\$4,156,000	TOTAL	\$4,156,000	
REPAYMENT	Rate Term	0.75% 30 Years	Est. Annual Payment 1st Payment 6 Mo. after first draw	
			\$146,945	
PROFESSIONAL SERVICES	Engineer Bond Counsel	GRW Engineers, Inc. Peck, Shaffer, & Williams, a division of Dinsmore & Shohl, LLP		
PROJECT SCHEDULE	Bid Opening Construction Start Construction Stop	Apr-16 Jul-16 Jul-17		
DEBT PER CUSTOMER	Existing Proposed	\$995 \$1,554	based on total customers of 5,168	
OTHER DEBT	See Attached			
OTHER STATE-FUNDED PROJECTS LAST 5 YRS	See Attached			
RESIDENTIAL RATES	Current Additional	<u>Users</u> 875 0	<u>Avg. Bill</u> \$22.90 (for 4,000 gallons) \$22.90 (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 2012	173,485	407,025	(233,540)	0.4
Audited 2013	145,198	423,791	(278,593)	0.3
Audited 2014	175,388	412,014	(236,626)	0.4
Projected 2015	155,999	394,475	(238,476)	0.4
Projected 2016	273,723	373,308	(99,585)	0.7
Projected 2017	391,051	342,079	48,972	1.1
Projected 2018	460,076	413,248	46,828	1.1
Projected 2019	539,089	487,285	51,804	1.1

Reviewer: Jami Johnson
Date: May 7, 2015
Loan Number: A15-019

**KENTUCKY INFRASTRUCTURE AUTHORITY
WASTEWATER REVOLVING LOAN FUND (FUND "A")
CITY OF LIBERTY, CASEY COUNTY
PROJECT REVIEW
SX21045002**

I. PROJECT DESCRIPTION

The City of Liberty is requesting a Fund A loan in the amount of \$4,156,000 for the Wastewater Treatment Plant Upgrade and Improvements project. The primary focus of this project is to address wet weather flows by adding a one million gallon wet weather flow equalization basin and a duplex submersible wet weather pump station. The project will also replace and upgrade treatment plant components that have exceeded their useful life. These items include replacement of the raw sewage flow meter, grit removal equipment, adding a third static screen, return sludge pump and controls, sludge pumps and controls, secondary sludge clarifier equipment, and aerobic digester blower equipment. Additionally, a much needed laboratory and office facilities with installation of modern instrumentation and control equipment will be constructed. The City met with the Division of Enforcement in August 2014 and has since been advised that they will receive an Agreed Order by mid-summer 2015 and will incur a fine of approximately \$3,000 for Notices of Violation (NOV). The proposed project will address all issues included in the agreed order.

The wastewater treatment plant has a design capacity of 640,000 gallons per day and services approximately 875 customers.

II. PROJECT BUDGET

	<u>Total</u>
Administrative Expenses	\$ 45,000
Land, Easements	5,000
Engineering Fees – Design / Const	240,000
Engineering Fees - Inspection	170,000
Engineering Fees - Other	60,000
Construction	3,310,000
Contingency	326,000
Total	\$ 4,156,000

III. PROJECT FUNDING

	Amount	%
Fund A Loan	\$ 4,156,000	100%
Total	\$ 4,156,000	100%

IV. KIA DEBT SERVICE

Construction Loan	\$ 4,156,000
Less: Principal Forgiveness (10%)	415,600
Amortized Loan Amount	\$ 3,740,400
Interest Rate	0.75%
Loan Term (Years)	30
Estimated Annual Debt Service	\$ 139,465
Administrative Fee (0.20%)	7,481
Total Estimated Annual Debt Service	\$ 146,945

V. PROJECT SCHEDULE

Bid Opening	April 2016
Construction Start	July 2016
Construction Stop	July 2017

VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

A) Customers

Customers	Current
Residential	669
Commercial	206
Total	875

B) Rates

	Current	Prior
Date of Last Rate Increase	07/01/12	04/01/12
Minimum	\$12.16	\$10.57
Next 4,000 Gallons	5.37	4.67
Next 4,000 Gallons	4.90	4.26
Next 10,000 Gallons	4.34	3.77
Next 80,000 Gallons	3.85	3.35
All over 100,000 Gallons	1.94	1.69
Cost for 4,000 gallons	\$22.90	\$19.91
Increase %	15.0%	
Affordability Index (Rate/MHI)	1.1%	

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2008-2012, the Utility's service area population was 2,050 with a Median Household Income (MHI) of \$24,330. The median household income for the Commonwealth is \$42,610. The project will qualify for a .75% interest rate because the MHI is below 80% of the State's MHI.

Year	Population				Unemployment	
	City	% Change	County	% Change	Date	Rate
1980	2,206		14,818		June 2004	6.7%
1990	1,937	-12.2%	14,211	-4.1%	June 2009	11.4%
2000	1,850	-4.5%	15,447	8.7%	June 2013	8.9%
2010	2,168	17.2%	15,955	3.3%	June 2014	7.3%
Current	1,713	-21.0%	15,939	-0.1%		
Cumulative %		-22.3%		7.6%		

VIII. 2014 CAPITALIZATION GRANT EQUIVALENCIES

- 1) Green Project Reserve - This project will not be reported for Green Project Reserve (GPR) funding.
- 2) Additional Subsidization – This project qualifies for additional subsidization not to exceed \$415,600 or ten percent of the loan amount.

IX. FINANCIAL ANALYSIS (See Exhibit 1)

Financial information was obtained from the City's audited financial statements for the years ended June 30, 2012 through 2014 for their Proprietary Fund which includes water and wastewater operations. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

HISTORY

Revenues were flat from 2012 to 2014 at \$1.1 million while operating expenses averaged \$1.0 million each year. Cash flow before debt service averaged \$165,000 each year. The debt coverage ratio was 0.4, 0.3, and 0.4, respectively, for the years 2012 through 2014 with the cash flow deficits of \$233,540, \$278,593, and \$236,626, respectively. The cash shortfalls were funded by contributions from the General Fund. The shortfalls represent 21%, 25%, and 21% of revenues for 2012, 2013 and 2014.

The balance sheet reflects a current ratio of 1.7, debt to equity ratio of 0.6 and the number of months of operating expenses in unrestricted cash is 6.5. Capital spending was \$1,028,000 for the three years.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Revenues will be flat for volume.
- 2) The City will eliminate the General Fund support with rate increases of approximately \$275,000 (23%) spread equally over the years ended June 30, 2016 and 2017. They have expressed their intention to do this over the next two years.
- 3) Additional rate increases of approximately \$115,000 (14%) will be required in each of 2018 and 2019 to fund debt service on the proposed project and cost increases for inflation. If the City is able to obtain grant funding to reduce the loan cost, the amount of these increases could be reduced proportionately.
- 4) Expenses will increase 2% annually for inflation.
- 5) Debt service coverage is 1.0 in 2018 when principal and interest repayments begin.

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

REPLACEMENT RESERVE

The annual replacement cost is \$10,400. This amount should be added to the replacement account each December 1 until the balance reaches \$104,000 and maintained for the life of the loan.

X. DEBT OBLIGATIONS

	<u>Outstanding</u>	<u>Maturity</u>
Series 2013A (Kentucky Bond Corporation)	\$ 5,142,083	2040
Total	\$ 5,142,083	

XI. OTHER STATE OR FEDERAL FUNDING IN PAST FIVE YEARS

None.

XII. CONTACTS

Legal Applicant	
Name	City of Liberty
Address	P.O. Box 127 Liberty, KY 42539
County	Casey
Authorized Official	Steven Brown (Mayor)
Phone	(606) 787-9973
Email	steven.brown@windstream.net

Project Contact - Applicant	
Name	Sharleen Rodgers
Representing	City of Liberty
Address	P.O. Box 127 Liberty, KY 42539
Phone	(606) 787-9973
Email	libertysr@windstream.net

Project Administrator	
Name	GRW Engineers, Inc.
Address	801 Corporate Drive Lexington, KY 40503
Contact	Laura Gilkerson
Phone	(859) 223-3999
Email	lgilkerson@grwinc.com

Consulting Engineer	
Name	Kurt Zehnder
Firm	GRW Engineers, Inc.
Address	801 Corporate Drive Lexington, KY 40503
Phone	(859) 223-3999
Email	kzehnder@grwinc.com

XIII. RECOMMENDATIONS

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

- 1.) The water and sewer rate ordinance will be amended to be effective no later than July 1, 2015 to increase rates sufficient enough to generate an additional \$275,000 per year. At least fifty percent of the increase must be effective by July 1, 2015 with the remainder being effective by July 1, 2016.

CITY OF LIBERTY (PROPRIETARY FUND)
FINANCIAL SUMMARY (JUNE YEAR END)

Balance Sheet

	Audited 2012	Audited 2013	Audited 2014	Projected 2015	Projected 2016	Projected 2017	Projected 2018	Projected 2019
Assets								
Current Assets	768,615	798,778	691,685	701,060	613,375	674,247	740,175	811,079
Other Assets	15,160,387	14,396,269	13,565,530	12,871,614	12,177,698	15,639,782	14,852,366	14,064,950
Total	15,929,002	15,195,047	14,257,215	13,572,674	12,791,073	16,314,029	15,592,541	14,876,029
Liabilities & Equity								
Current Liabilities	733,800	480,062	397,769	381,936	355,686	357,769	362,769	362,706
Long Term Liabilities	5,514,000	5,117,050	4,905,000	4,683,750	4,488,750	8,032,067	7,829,984	7,627,964
Total Liabilities	6,247,800	5,597,112	5,302,769	5,065,686	4,844,436	8,389,836	8,192,753	7,990,670
Net Assets	9,681,202	9,597,935	8,954,446	8,506,988	7,946,637	7,924,193	7,399,788	6,885,359

Cash Flow

Revenues	1,095,170	1,117,183	1,134,357	1,134,357	1,271,857	1,409,357	1,509,357	1,609,357
Operating Expenses	938,474	984,297	969,434	988,823	1,008,599	1,028,771	1,059,746	1,080,733
Other Income	16,789	12,312	10,465	10,465	10,465	10,465	10,465	10,465
Cash Flow Before Debt Service	173,485	145,198	175,388	155,999	273,723	391,051	460,076	539,089

Debt Service

Existing Debt Service	407,025	423,791	412,014	394,475	373,308	342,079	339,775	340,340
Proposed KIA Loan	0	0	0	0	0	0	73,473	146,945
Total Debt Service	407,025	423,791	412,014	394,475	373,308	342,079	413,248	487,285
Cash Flow After Debt Service	(233,540)	(278,593)	(236,626)	(238,476)	(99,585)	48,972	46,828	51,804

Ratios

Current Ratio	1.0	1.7	1.7	1.8	1.7	1.9	2.0	2.2
Debt to Equity	0.6	0.6	0.6	0.6	0.6	1.1	1.1	1.2
Days Sales in Accounts Receivable	38.4	29.5	31.6	31.6	31.6	31.6	31.6	31.6
Months Operating Expenses in Unrestricted Cash	1.1	6.4	6.5	6.5	5.2	5.7	6.2	6.8
Debt Coverage Ratio	0.4	0.3	0.4	0.4	0.7	1.1	1.1	1.1

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

I.B.10.

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 (F15-057) IN THE AMOUNT OF \$720,000 TO THE CITY OF LEBANON FOR THE BENEFIT OF LEBANON WATER WORKS, MARION 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 Lebanon f/b/o Lebanon Water Works, 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 its 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 \$720,000 of project expense including capitalized interest for the construction period, to the City of Lebanon f/b/o Lebanon Water Works for the Woodlawn Avenue and Loretto Road Water Line Replacement project.

Such amounts are subject to adjustment by further action of the Authority or may be adjusted by action of the Authority staff at the time of the issuance of bonds based on adjustment in project costs of not more than (10%) ten percent of the project cost 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 .75%. In addition to debt service, a 0.25% annual administration fee on the unpaid loan balance will be charged. From annual revenues, \$1,800 must be set aside in a borrower held replacement reserve each December 1 until the balance reaches \$18,000 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 May, 2015.

TONY WILDER, CHAIR
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

JEFFREY A. ABSHIRE, SECRETARY
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

PECK, SHAFFER & WILLIAMS, A DIVISION OF
DINSMORE & SHOHL LLP, LEGAL COUNSEL TO
THE KENTUCKY INFRASTRUCTURE AUTHORITY

STEVEN L. BESHEAR
GOVERNOR



LEONARD K. PETERS
SECRETARY

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF WATER
200 FAIR OAKS LANE, 4TH FLOOR
FRANKFORT, KENTUCKY 40601
www.kentucky.gov

April 24, 2015

Mr. John Covington
Executive Director
Kentucky Infrastructure Authority
1024 Capital Center Drive, Suite 340
Frankfort, Kentucky 40601

Re: F15-057
Lebanon Water Works--2903
Activity ID: FGL20140012
HUC11: 05140103170
Watershed Name: Hardins Creek

Dear Mr. Covington:

The Division of Water (DOW) hereby certifies that the Lebanon Water Works Co., Inc. is eligible to receive \$720,000 from the Drinking 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 Lebanon Water Works Co., Inc.'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 on May 1, 2015.
2. Plans and specifications are expected to be submitted to DOW on May 15, 2015.
3. Construction bids are expected to be opened on July 20, 2015.

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 Bill Averell, Project Manager, at (502) 564-3410, extension 4980.

Sincerely,

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

Peter Goodmann, Director
Division of Water

PG/BG: ba

c: Lebanon Water Works Co., Inc.
Kentucky Engineering Group, PLLC

EXECUTIVE SUMMARY		Reviewer	Debbie Landrum	
KENTUCKY INFRASTRUCTURE AUTHORITY		Date	May 7, 2015	
FUND F, FEDERALLY ASSISTED DRINKING WATER		KIA Loan Number	F15-057	
REVOLVING LOAN FUND		WRIS Number	WX21155040	
BORROWER	CITY OF LEBANON MARION COUNTY			
BRIEF DESCRIPTION				
The proposed project will replace approximately 6,000 L.F. of 6 inch water main along Woodlawn Ave. and approximately 1,700 L.F. of 6 inch water main along HWY 49, to improve service and reliability and reduce costly repairs from aging cast iron pipe that is prone to breaks and leaks that reduce service and have high repair costs. This project will provide improved service and reliability for a main serving over 200 existing customers.				
PROJECT FINANCING		PROJECT BUDGET		
Fund F Loan	\$720,000	RD Fee %	Actual %	
		Administrative Expenses		\$11,300
		Eng - Design / Const	9.7%	9.6%
		Eng - Insp	6.8%	6.7%
		Eng - Other		5,000
		Construction		550,000
		Contingency		55,000
TOTAL	\$720,000	TOTAL		\$720,000
REPAYMENT	Rate	0.75%	Est. Annual Payment	\$40,635
	Term	20 Years	1st Payment	6 Mo. after first draw
PROFESSIONAL SERVICES	Engineer	Kentucky Engineering Group, PLLC		
	Bond Counsel	Peck, Shaffer, & Williams, a division of Dinsmore & Shohl, LLP		
PROJECT SCHEDULE	Bid Opening	Jul-15		
	Construction Start	Aug-15		
	Construction Stop	Dec-15		
DEBT PER CUSTOMER	Existing	\$1,832		
	Proposed	\$2,699		
OTHER DEBT	See Attached			
OTHER STATE-FUNDED PROJECTS LAST 5 YRS	See Attached			
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>	
	Current	2,587	\$20.12	(for 4,000 gallons)
	Additional	0	\$20.12	(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 2012	839,513	537,868	301,645	1.6
Audited 2013	842,511	544,205	298,306	1.5
Audited 2014	983,998	635,708	348,290	1.5
Projected 2015	952,924	621,248	331,676	1.5
Projected 2016	920,244	417,605	502,639	2.2
Projected 2017	456,501	437,921	18,580	1.0
Projected 2018	475,904	535,812	(59,908)	0.9
Projected 2019	495,695	633,699	(138,004)	0.8

Reviewer: Debbie Landrum
 Date: May 7, 2015
 Loan Number: F15-057

**KENTUCKY INFRASTRUCTURE AUTHORITY
 DRINKING WATER STATE REVOLVING FUND (FUND "F")
 CITY OF LEBANON, MARION COUNTY
 PROJECT REVIEW
 WX21155040**

I. PROJECT DESCRIPTION

City of Lebanon f/b/o Lebanon Water Works Co. (LWWC) is requesting a \$720,000 Fund "F" loan for the Woodland Avenue and Loretto Road Water Line Replacement project. The proposed project will replace approximately 6,000 linear feet (LF) of 6 inch water main along Woodlawn Avenue and approximately 1,700 LF of 6 inch water main along HWY 49 to improve service and reliability to 200 customers. This project will also reduce costly repairs from aging cast iron pipe that is prone to breaks and leaks with high repair costs.

LWWC produces 800 million gallons of water annually, directly serves approximately 2,600 customers and indirectly serves an additional 5,800 customers through wholesale service (430,0000 million gallons annually) to the Marion County Water District. Upon completion of the Marion Taylor County line project (F14-036) LWWC will purchase 500,000 gallons per day from the City of Campbellsville to mitigate supply constraints during drought periods.

II. PROJECT BUDGET

	Total
Administrative Expenses	\$ 11,300
Engineering Fees – Design / Const	58,060
Engineering Fees - Inspection	40,640
Engineering Fees - Other	5,000
Construction	550,000
Contingency	55,000
Total	\$ 720,000

III. PROJECT FUNDING

	Amount	%
Fund F Loan	\$ 720,000	100%
Total	\$ 720,000	100%

IV. KIA DEBT SERVICE

Construction Loan	\$	720,000
Interest Rate		0.75%
Loan Term (Years)		20
Estimated Annual Debt Service	\$	38,835
Administrative Fee (0.25%)		1,800
Total Estimated Annual Debt Service	\$	40,635

V. PROJECT SCHEDULE

Bid Opening	July 2015
Construction Start	August 2015
Construction Stop	December 2015

VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

A) Customers

Customers	Current
Residential	2,501
Commercial	47
Industrial	39
Total	2,587

B) Rates

	Current	Prior
Date of Last Rate Increase	04/17/13	04/01/07
Minimum	\$6.75	\$6.00
100 Cubic Feet	2.50	2.14
Cost for 4,000 gallons	\$20.12	\$17.44
Increase %	15.3%	
Affordability Index (Rate/MHI)	1.0%	

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2008-2012, the Utility's service area population was 6,115 with a Median Household Income (MHI) of \$24,763. The median household income for the Commonwealth is \$42,610. The project will qualify for a .75% interest rate because the utility's service area MHI is below 80% of the State's MHI.

Year	Population			Unemployment		
	City	% Change	County	% Change	Date	Rate
1980	6,590		17,910		June 2004	5.3%
1990	5,695	-13.6%	16,499	-7.9%	June 2009	13.7%
2000	5,718	0.4%	18,212	10.4%	June 2013	7.7%
2010	5,539	-3.1%	19,820	8.8%	June 2014	6.6%
Current	5,571	0.6%	19,872	0.3%		
Cumulative %		-15.5%		11.0%		

VIII. 2014 CAPITALIZATION GRANT EQUIVALENCIES

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

IX. FINANCIAL ANALYSIS (See Exhibit 1)

Financial information was obtained from the audited financial statements for the years ended June 30, 2012, thru 2014. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

HISTORY

Revenues increased 14% from \$2.2 million in 2012 to \$2.5 million in 2014 while operating expenses increased 12% from \$1.3 million to \$1.5 million during the same period. The debt coverage ratio was 1.6, 1.5, and 1.5, respectively, for 2012, 2013, and 2014, respectively. The balance sheet reflects a current ratio of 1.4, debt to equity ratio of .7, and 5.5 months of operating expenses in unrestricted cash.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Revenues will be flat for growth and will increase 2% annually for inflation.
- 2) Operating expenses will increase 2% annually for inflation. Additionally, expenses will decrease about \$50,000 during the first full year of purchases from the City of Campbellsville. The decrease will primarily be due to a reduction in utilities and chemical treatment costs.
- 3) LWWC will purchase 300,000 to 500,000 gallons per day for at a purchase cost of about \$500,000 per year beginning in 2017
- 4) Debt service coverage is 1.0 in 2018 which is the first full year of principal and interest repayments.

Based on the proforma assumptions, the utility shows adequate cash flow to repay the

KIA Fund F loan.

REPLACEMENT RESERVE

The annual replacement cost is \$1,800 this amount should be added to the replacement account each December 1 until the balance reaches \$18,000 and maintained for the life of the loan.

X. DEBT OBLIGATIONS

	<u>Outstanding</u>	<u>Maturity</u>
KIA (B08-009)	\$ 489,647	2028
Citizens National Bank (2010)	218,613	2016
Citizens National Bank (2012)	3,706,784	2029
Citizens National Bank (2013)	323,885	2020
KIA (F14-036 i/a/o \$3,230,000)	0	
Total	<u>\$4,738,929</u>	

XI. OTHER STATE OR FEDERAL FUNDING IN PAST FIVE YEARS

None

XII. CONTACTS

Legal Applicant	
Name	City of Lebanon
Address	PO Box 840 Lebanon, KY 40033
County	Marion
Authorized Official	Gary Crenshaw (Mayor)
Phone	(270) 692-6272
Email	gdcrenshaw@windstream.net

Project Contact - Applicant	
Name	John Thomas
Representing	Lebanon Water Works
Address	120 South Proctor Knott Avenue Lebanon, KY 40033
Phone	(270) 692-2491
Email	johnl@kyol.net

Project Administrator	
Name	Kentucky Engineering Group, PLLC
Address	P.O. Box 1034 Versailles KY 40383
Contact	Holly Nicholas
Phone	(859) 333-9742
Email	hnicholas@kyengr.com

Consulting Engineer	
Name	James C. Thompson, P.E.
Firm	Kentucky Engineering Group, PLLC
Address	P.O. Box 1034 Versailles KY 40383
Phone	(859) 351-9849
Email	jthompson@kyengr.com

XIII. RECOMMENDATIONS

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

CITY OF LEBANON
FINANCIAL SUMMARY (JUNE YEAR END)

Balance Sheet

Assets

	Audited 2011	Audited 2012	Audited 2013	Projected 2014	Projected 2015	Projected 2016	Projected 2017	Projected 2018	Projected 2019
Current Assets	1,147,733	1,096,946	1,000,379	1,166,720	1,341,090	1,843,729	1,867,109	1,812,101	1,679,097
Other Assets	11,626,744	11,406,172	11,212,121	11,008,067	13,206,791	16,172,638	16,874,335	17,576,032	18,277,729
Total	12,774,477	12,503,118	12,212,500	12,174,787	14,547,881	18,016,367	18,741,444	19,388,133	19,956,826

Liabilities & Equity

Current Liabilities	572,006	592,168	715,222	820,661	610,223	618,674	627,413	636,446	645,446
Long Term Liabilities	5,474,927	5,187,727	4,738,727	4,265,168	5,132,345	6,711,071	6,430,558	6,141,012	5,842,466
Total Liabilities	6,046,933	5,779,895	5,453,949	5,085,829	5,742,568	7,329,745	7,057,971	6,777,458	6,487,912
Net Assets	6,727,544	6,723,223	6,758,551	7,088,958	8,805,313	10,686,622	11,683,473	12,610,675	13,468,914

Cash Flow

Revenues	2,220,273	2,174,047	2,259,682	2,479,379	2,479,379	2,479,379	2,528,919	2,579,449	2,630,990
Operating Expenses	1,320,030	1,348,903	1,431,110	1,513,708	1,543,982	1,576,662	2,089,945	2,121,072	2,152,822
Other Income	63,488	14,369	13,939	18,327	17,527	17,527	17,527	17,527	17,527
Cash Flow Before Debt Service	963,731	839,513	842,511	983,998	952,924	920,244	456,501	475,904	495,695

Debt Service

Existing Debt Service	527,071	537,868	544,205	635,708	621,248	417,605	437,921	535,812	633,699
Proposed KIA Loan	0	0	0	0	0	42,435	42,435	42,435	42,435
Cash Flow After Debt Service	436,660	301,645	298,306	348,290	331,676	502,639	18,580	(59,908)	(138,004)

Ratios

Current Ratio	2.0	1.9	1.4	1.4	2.2	3.0	3.0	2.8	2.6
Debt to Equity	0.9	0.9	0.8	0.7	0.7	0.7	0.6	0.5	0.5
Days Sales in Accounts Receivable	35.7	34.2	35.1	35.4	35.4	35.4	35.4	35.4	35.4
Months Operating Expenses in Unrestricted Cash	7.6	7.2	5.9	5.5	7.9	11.6	8.9	8.4	7.5
Debt Coverage Ratio	1.8	1.6	1.5	1.5	1.5	2.2	1.0	0.9	0.8

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

I.B.11.

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 (F15-064) IN THE AMOUNT OF \$4,493,000 TO THE CITY OF PADUCAH FOR THE BENEFIT OF PADUCAH WATER WORKS, MCCRACKEN 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 Paducah for the benefit of Paducah Water Works, 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 its 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 \$4,493,000 of project expense including capitalized interest for the construction period, to the City of Paducah for the benefit of

Paducah Water Works for the 24” Transmission Main project. Such amounts are subject to adjustment by further action of the Authority or may be adjusted by action of the Authority staff at the time of the issuance of bonds based on adjustment in project costs of not more than (10%) ten percent of the project cost 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 1.75%. In addition to debt service, a 0.25% annual administration fee on the unpaid loan balance will be charged. From annual revenues, \$11,200 must be set aside in a borrower held replacement reserve each December 1 until the balance reaches \$112,000 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 May 2015.

TONY WILDER, CHAIR
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

JEFFREY A. ABSHIRE, SECRETARY
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

PECK, SHAFFER & WILLIAMS, A DIVISION OF
DINSMORE & SHOHL LLP, LEGAL COUNSEL TO
THE KENTUCKY INFRASTRUCTURE AUTHORITY

STEVEN L. BESHEAR
GOVERNOR



LEONARD K. PETERS
SECRETARY

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF WATER
200 FAIR OAKS LANE, 4TH FLOOR
FRANKFORT, KENTUCKY 40601
www.kentucky.gov

April 20, 2015

Mr. John Covington
Executive Director
Kentucky Infrastructure Authority
1024 Capital Center Drive, Suite 340
Frankfort, Kentucky 40601

Re: F15-064
Paducah Water Works--3061
Activity ID: FGL20090009
HUC11: 05140206040
Watershed Name: Ohio River, below Perkins Creek
HUC11: 0604006070
Watershed Name: Island Creek

Dear Mr. Covington:

The Division of Water (DOW) hereby certifies that the Paducah Water Works is eligible to receive \$4,493,000 from the Drinking Water State Revolving Fund for their 24" Transmission Main project. 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 Paducah Water Work'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 on October 10, 2015.
2. Plans and specifications are expected to be submitted to DOW on October 10, 2015.
3. Construction bids are expected to be opened on March 24, 2016.

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 Cathy Arnett, Project Manager, at (502) 564-3410, extension 4594.

Sincerely,

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

Peter Goodmann, Director
Division of Water

PG/BG:CA

c: Bill Robertson, PE, General Manager
Jason Petersen, PE, Engineering Manager
Scott Woodard, PE, Hazen & Sawyer, P.C.

EXECUTIVE SUMMARY		Reviewer	Brandi Armstrong	
KENTUCKY INFRASTRUCTURE AUTHORITY		Date	May 7, 2015	
FUND F, FEDERALLY ASSISTED DRINKING WATER		KIA Loan Number	F15-064	
REVOLVING LOAN FUND		WRIS Number	WX21145085	
BORROWER	CITY OF PADUCAH MCCRACKEN COUNTY			
BRIEF DESCRIPTION				
This project will install 9,000 linear feet of 24 inch ductile iron pipe water main lines from the 8th Street Treatment Plant to Campbell Street and Kentucky Avenue. The new transmission lines will provide redundancy to the existing 30 inch main that feeds the majority of the Paducah Water distribution system. The line will provide an alternate source of flow should the main line become inaccessible. The Utility will increase transmission capacity by connecting the new lines from the plant to several existing large mains along the Kentucky Avenue corridor to enhance all five pressure zones.				
PROJECT FINANCING		PROJECT BUDGET		
Fund F Loan	\$4,493,000	RD Fee %	Actual %	
Local Funds	15,000			
				Legal Expenses 10,000
				Land, Easements 15,000
		Eng - Design / Const 6.9%	6.9%	278,000
		Eng - Insp 3.7%	3.6%	145,000
		Eng - Other		11,300
		Construction		3,685,000
		Contingency		363,700
TOTAL	\$4,508,000	TOTAL		\$4,508,000
REPAYMENT	Rate	1.75%	Est. Annual Payment	\$278,456
	Term	20 Years	1st Payment	6 Mo. after first draw
PROFESSIONAL SERVICES	Engineer	Hazen & Sawyer, P.C.		
	Bond Counsel	Peck, Shaffer, & Williams, a division of Dinsmore & Shohl, LLP		
PROJECT SCHEDULE	Bid Opening	Mar-16		
	Construction Start	Jun-16		
	Construction Stop	Mar-17		
DEBT PER CUSTOMER	Existing	\$236		
	Proposed	\$282		
OTHER DEBT	See Attached			
OTHER STATE-FUNDED PROJECTS LAST 5 YRS	See Attached			
RESIDENTIAL RATES		Users	Avg. Bill	
	Current	26,594	\$22.06 (for 4,000 gallons)	
	Additional	0	\$22.06 (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 2012	3,590,589	427,033	3,163,556	8.4
Audited 2013	4,215,718	510,259	3,705,459	8.3
Audited 2014	3,611,210	419,953	3,191,257	8.6
Projected 2015	3,362,206	403,222	2,958,984	8.3
Projected 2016	3,217,930	403,223	2,814,707	8.0
Projected 2017	3,222,910	403,222	2,819,688	8.0
Projected 2018	3,061,605	681,678	2,379,927	4.5
Projected 2019	3,063,682	681,679	2,382,003	4.5

Reviewer: Brandi Armstrong
 Date: May 7, 2015
 Loan Number: F15-064

**KENTUCKY INFRASTRUCTURE AUTHORITY
 DRINKING WATER STATE REVOLVING FUND (FUND "F")
 CITY OF PADUCAH F/B/O PADUCAH WATER WORKS, MCCRACKEN COUNTY
 PROJECT REVIEW
 WX21145085**

I. PROJECT DESCRIPTION

The City of Paducah for the benefit of Paducah Water Works is requesting a Fund "F" loan in the amount of \$4,493,000 for the 24" Transmission Main project. The project will install 9,000 linear feet of 24 inch ductile iron pipe water main lines from the 8th Street Treatment plant along Campbell Street and Kentucky Avenue. The new transmission lines will provide a source of redundancy to the existing 30 inch main that feeds the majority of the Paducah Water distribution system. The line will provide a necessary alternate source of flow should the main line become inaccessible. The Utility will increase transmission capacity by connecting the new lines from the plant to several existing large mains along the Kentucky Avenue corridor to enhance all five pressure zones. The Utility will perform a corridor study and additional hydraulic modeling to determine the most efficient corridor and point of termination for the project.

The utility produces approximately 2.7 billion gallons of water annually to support approximately 26,600 customers. Additionally, they sell approximately 173 million gallons of water per year to the West McCracken County Water District which is subject to Public Service Commission jurisdiction.

II. PROJECT BUDGET

	<u>Total</u>
Legal Expenses	10,000
Land, Easements	15,000
Engineering Fees - Design / Const	278,000
Engineering Fees - Inspection	145,000
Engineering Fees - Other	11,300
Construction	3,685,000
Contingency	363,700
Total	\$ 4,508,000

III. PROJECT FUNDING

	<u>Amount</u>	<u>%</u>
Fund F Loan	\$ 4,493,000	99.7%
Local Funds	15,000	0.3%
Total	\$ 4,508,000	100%

IV. KIA DEBT SERVICE

Construction Loan	\$ 4,493,000
Interest Rate	1.75%
Loan Term (Years)	20
Estimated Annual Debt Service	\$ 267,224
Administrative Fee (0.25%)	11,233
Total Estimated Annual Debt Service	\$ 278,456

V. PROJECT SCHEDULE

Bid Opening	March 2016
Construction Start	June 2016
Construction Stop	March 2017

VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

A) Customers

Customers	Current
Residential	23,833
Commercial	2,761
Industrial	0
Total	26,594

B) Rates

	Current	Prior
Date of Last Rate Increase	07/01/14	07/01/13
Minimum	\$6.63	\$6.48
0 to 1,500 Gallons	4.42	4.32
1,501 to 10,000 Gallons	3.67	3.59
10,001 to 100,000 Gallons	3.05	2.98
Cost for 4,000 gallons	\$22.06	\$21.57
Increase %	2.3%	
Affordability Index (Rate/MHI)	0.6%	

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2008-2012, the Utility’s service area population was 59,157 with a Median Household Income (MHI) of \$42,603. The median household income for the Commonwealth is \$42,610. The project will qualify for a 1.75% interest rate because the utility’s service area MHI is above 80% of the State’s MHI.

Year	Population				Unemployment	
	City	% Change	County	% Change	Date	Rate
1980	29,315		61,310		June 2004	5.8%
1990	27,256	-7.0%	62,879	2.6%	June 2009	9.1%
2000	26,307	-3.5%	65,514	4.2%	June 2013	8.4%
2010	25,024	-4.9%	65,565	0.1%	June 2014	8.2%
Current	25,040	0.1%	65,616	0.1%		
Cumulative %		-14.6%		7.0%		

VIII. 2014 CAPITALIZATION GRANT EQUIVALENCIES

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

IX. FINANCIAL ANALYSIS (See Exhibit 1)

Financial information was obtained from the audited financial statements for the years ended June 30, 2012 through 2014. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

HISTORY

Revenues increased 8% from \$9.6 million in 2012 to \$10.4 million in 2014. Operating expenses increased 18% from \$6 million to \$7 million during the same period. The debt coverage ratio was consistent at 8.4, 8.3, and 8.6 for 2012, 2013 and 2014, respectively.

The balance sheet reflects a current ratio of 1.9 and a debt to equity ratio of 0.2. The number of months of operating expenses in unrestricted cash is 2.1.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Revenues reflect a previously approved rate increase of 2.3% and will increase

- periodically for rate adjustments.
- 2) Expenses will increase 2% annually for inflation.
 - 3) Debt service coverage is 4.5 in 2018 when principal and interest repayments begin.

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

REPLACEMENT RESERVE

The annual replacement cost is \$11,200. This amount should be added to the replacement account each December 1 until the balance reaches \$112,000 and maintained for the life of the loan.

X. DEBT OBLIGATIONS

	<u>Outstanding</u>	<u>Maturity</u>
KIA (F09-01)	\$ 6,289,366	2031
Total	\$ 6,289,366	

XI. OTHER STATE OR FEDERAL FUNDING IN PAST FIVE YEARS

<u>Project Title</u>	<u>Funding Source</u>	<u>Amount</u>	<u>Type</u>
None			

XII. CONTACTS

Legal Applicant	
Name	City of Paducah
Address	1800 North 8th Street Paducah, KY 42001
County	McCracken
Authorized Official	Bill Robertson (General Manager)
Phone	(270) 444-5550
Email	brobertson@pwwky.com

Project Applicant & Administrator	
Name	Jason Peterson
Representing	Paducah Water Works
Address	1800 North 8th Street Paducah, KY 42001
Phone	(270) 444-5560
Email	jpeterson@pwwky.com

Consulting Engineer	
Name	Scott Woodard
Firm	Hazen & Sawyer, P.C.
Address	545 Mainstream Drive, Suite 320 Nashville, TN 37228
Phone	(615) 783-1515
Email	swoodard@hazenandsawyer.com

XIII. RECOMMENDATIONS

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

CITY OF PADUCAH (WATER WORKS)
FINANCIAL SUMMARY (JUNE YEAR END)

Balance Sheet

	Audited 2012	Audited 2013	Projected 2014	Projected 2015	Projected 2016	Projected 2017	Projected 2018	Projected 2019
Assets								
Current Assets	5,096,535	4,746,946	4,553,824	5,086,356	5,423,489	5,774,751	5,678,010	6,592,611
Other Assets	46,269,483	51,170,310	53,105,444	53,911,836	54,722,284	57,790,907	60,762,333	60,472,989
Total	51,366,018	55,917,256	57,659,268	58,998,192	60,145,772	63,565,658	66,440,342	67,065,600
Liabilities & Equity								
Current Liabilities	2,073,683	2,175,076	2,343,848	2,374,993	2,404,056	2,433,666	2,463,834	2,495,942
Long Term Liabilities	6,627,159	6,289,366	5,948,187	5,603,587	5,255,533	7,150,490	9,041,922	8,681,922
Total Liabilities	8,700,842	8,464,442	8,292,035	7,978,580	7,659,589	9,584,156	11,505,756	11,177,864
Net Assets	42,665,176	47,452,814	49,367,233	51,019,613	52,486,184	53,981,503	54,934,586	55,887,736

Cash Flow

Revenues	9,585,433	10,672,573	10,387,966	10,558,995	10,558,995	10,711,136	10,711,136	10,866,320
Operating Expenses	6,015,186	6,605,508	7,072,342	7,213,789	7,358,065	7,505,226	7,666,531	7,819,638
Other Income	20,342	148,653	295,586	17,000	17,000	17,000	17,000	17,000
Cash Flow Before Debt Service	3,590,589	4,215,718	3,611,210	3,362,206	3,217,930	3,222,910	3,061,605	3,063,682

Debt Service

Existing Debt Service	427,033	510,259	419,953	403,222	403,223	403,222	403,222	403,223
Proposed KIA Loan	0	0	0	0	0	0	278,456	278,456
Total Debt Service	427,033	510,259	419,953	403,222	403,223	403,222	681,678	681,679
Cash Flow After Debt Service	3,163,556	3,705,459	3,191,257	2,958,984	2,814,707	2,819,688	2,379,927	2,382,003

Ratios

Current Ratio	2.5	2.2	1.9	2.1	2.3	2.4	2.3	2.6
Debt to Equity	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2
Days Sales in Accounts Receivable	19.3	17.6	20.8	20.8	20.8	20.8	20.8	20.8
Months Operating Expenses in Unrestricted Cash	4.4	2.8	2.1	2.9	3.3	3.8	3.5	4.8
Debt Coverage Ratio	8.4	8.3	8.6	8.3	8.0	8.0	4.5	4.5

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

I.B.12.

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 May, 2015.

TONY WILDER, CHAIR
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

JEFFREY A. ABSHIRE, SECRETARY
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

PECK, SHAFFER & WILLIAMS, A DIVISION OF
DINSMORE & SHOHL, LLP, LEGAL COUNSEL TO THE
KENTUCKY INFRASTRUCTURE AUTHORITY

EXHIBIT A

<u>APPLICANT</u>	<u>FUND</u>	<u>AMOUNT</u>
City of Corbin f/b/o Corbin Utility Commission	A15-035	\$ 8,684,115
City of Frankfort	A15-092	\$ 747,041
City of Frankfort	A15-095	\$ 1,570,000
City of Frankfort	A15-098	\$ 1,500,000
City of Frankfort	A15-101	\$ 1,320,000
City of Glasgow f/b/o Glasgow Water Company	A15-094	\$ 3,500,000
City of Liberty	A15-019	\$ 4,156,000
City of Lebanon f/b/o Lebanon Water Works	F15-057	\$ 720,000
City of Paducah f/b/o Paducah Water Works	F15-064	\$ 4,493,000

Page Left Blank
for 2 Sided Printing

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

Page Left Blank
for 2 Sided Printing

Kentucky Infrastructure Authority
Amounts Available to Loan
5/4/2015

Clean Water State Revolving Fund (Fund A)

Funds Available from IUP	\$95,868,200
Loan Commitments	(\$70,919,476)
Invited Projects (net of project declinations)	(\$53,109,846)
Additional Collections Over Projections *	\$3,200,000
Adjustments (changes to bond reserves, project closeouts, increases)	\$25,272,012
Funds Available to Loan	<u>\$310,890</u>

Infrastructure Revolving Fund (Fund B)

Trustee Funds Not Committed	\$5,775,951
Pending Applications	(\$4,800,000)
Funds Available to Loan	<u>\$975,951</u>

Governmental Agencies Program (Fund C)

Trustee Funds Not Committed	\$2,574,180
Pending Applications	(\$2,574,180)
Funds Available to Loan	<u>\$0</u>

Drinking Water State Revolving Fund (Fund F)

Funds Available from IUP	\$32,550,112
Loan Commitments	(\$29,701,363)
Invited Projects (net of project declinations)	(\$14,310,709)
Additional Collections Over Projections	\$0
Adjustments (increases / accelerated approvals after IUP estimate, project closeouts)	\$11,567,600
Funds Available to Loan	<u>\$105,640</u>

*Danville & Greenup JSA prepayments

Fund A Loans for construction of wastewater infrastructure, 20-year max term, must be on CWSRF priority list – Federal funds with 20% state match

Fund B Planning, design and construction loans for all infrastructure projects as defined by KRS 224A.011 – State funds

Fund C Market rate pooled loan program with surplus funds for direct loans for infrastructure projects as defined by KRS 224A.011

Fund F Loans for construction of drinking water infrastructure, 20-year term (may be 30 years if disadvantaged), must be on DWSRF priority list – Federal funds with 20% state match

KENTUCKY INFRASTRUCTURE AUTHORITY
SAFE DRINKING WATER STATE REVOLVING FUND CFDA #66.468 ---- (FUND F)

AVAILABLE FUNDS FY 1997:

FEDERAL TITLE VI GRANT FUNDS	\$12,558,800
BOND PROCEEDS (20%)	\$2,511,760
ADMINISTRATION (4%)	(\$502,352)
OTHER SET ASIDES (As Amended)	(\$1,928,773)
NET 97 SRF FUNDS	\$12,639,435

AVAILABLE FUNDS FY 1998:

FEDERAL TITLE VI GRANT FUNDS	\$10,851,600
BOND PROCEEDS (20%)	\$2,170,320
ADMINISTRATION (4%)	(\$434,064)
OTHER SET ASIDES	(\$1,085,160)
NET 98 SRF FUNDS	\$11,502,696

AVAILABLE FUNDS FY 1999:

FEDERAL TITLE VI GRANT FUNDS	\$11,373,500
BOND PROCEEDS (20%)	\$2,274,700
ADMINISTRATION (4%)	(\$454,940)
OTHER SET ASIDES	(\$808,335)
LAND ACQUISITION SET ASIDE	\$357,500
NET 98 SRF FUNDS	\$12,742,425

AVAILABLE FUNDS FY 2000:

FEDERAL TITLE VI GRANT FUNDS	\$11,820,400
BOND PROCEEDS (20%)	\$2,364,080
ADMINISTRATION (4%)	(\$472,816)
OTHER SET ASIDES	(\$1,296,086)
LAND ACQUISITION SET ASIDE	\$0
NET 00 SRF FUNDS	\$12,415,578

AVAILABLE FUNDS FY 2001:

FEDERAL TITLE VI GRANT FUNDS	\$11,869,300
BOND PROCEEDS (20%)	\$2,373,860
ADMINISTRATION (4%)	(\$474,772)
OTHER SET ASIDES	(\$1,913,832)
LAND ACQUISITION SET ASIDE	\$252,130
NET 01 SRF FUNDS	\$12,106,686

AVAILABLE FUNDS FY 2002:

FEDERAL TITLE VI GRANT FUNDS	\$9,805,100
BOND PROCEEDS (20%)	\$1,961,020
ADMINISTRATION (4%)	(\$392,204)
OTHER SET ASIDES	(\$1,372,714)
NET 02 SRF FUNDS	\$10,001,202

AVAILABLE FUNDS FY 2003:

FEDERAL TITLE VI GRANT FUNDS	\$9,746,200
BOND PROCEEDS (20%)	\$1,949,240
ADMINISTRATION (4%)	(\$389,848)
OTHER SET ASIDES	(\$1,383,960)
NET 03 SRF FUNDS	\$9,921,632

AVAILABLE FUNDS FY 2004:

FEDERAL TITLE VI GRANT FUNDS	\$10,110,200
BOND PROCEEDS (20%)	\$2,022,040
ADMINISTRATION (4%)	(\$404,408)
OTHER SET ASIDES	(\$1,668,183)
NET 04 SRF FUNDS	\$10,059,649

AVAILABLE FUNDS FY 2005:

FEDERAL TITLE VI GRANT FUNDS	\$10,088,800
BOND PROCEEDS (20%)	\$2,017,760
ADMINISTRATION (4%)	(\$403,552)
OTHER SET ASIDES	(\$1,715,096)
NET 05 SRF FUNDS	\$9,987,912

AVAILABLE FUNDS FY 2006:

FEDERAL TITLE VI GRANT FUNDS	\$8,630,300
BOND PROCEEDS (20%)	\$1,726,060
ADMINISTRATION (4%)	(\$345,212)
OTHER SET ASIDES	(\$1,855,515)
NET 06 SRF FUNDS	\$8,155,633

AVAILABLE FUNDS FY 2007:

FEDERAL TITLE VI GRANT FUNDS	\$8,630,000
BOND PROCEEDS (20%)	\$1,726,000
ADMINISTRATION (4%)	(\$345,200)
OTHER SET ASIDES	(\$1,596,550)
NET 07 SRF FUNDS	\$8,414,250

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	\$8,073,135

AVAILABLE FUNDS FY 2009:

FEDERAL TITLE VI GRANT FUNDS	\$8,543,000
BOND PROCEEDS (20%)	\$1,708,600
ADMINISTRATION (4%)	(\$85,430)
OTHER SET ASIDES	(\$2,281,788)
NET 09 SRF FUNDS	\$7,884,382

AVAILABLE FUNDS FY 2010:

FEDERAL TITLE VI GRANT FUNDS	\$19,592,000
BOND PROCEEDS (20%)	\$3,918,400
ADMINISTRATION (4%)	(\$783,680)
OTHER SET ASIDES	(\$4,564,936)
NET 10 SRF FUNDS	\$18,161,784

AVAILABLE FUNDS FY 2011:

FEDERAL TITLE VI GRANT FUNDS	\$13,595,000
BOND PROCEEDS (20%)	\$2,675,800
ADMINISTRATION (4%)	(\$535,160)
OTHER SET ASIDES	(\$3,210,960)
NET 11 SRF FUNDS	\$12,524,680

AVAILABLE FUNDS FY 2012:

FEDERAL TITLE VI GRANT FUNDS	\$12,956,000
BOND PROCEEDS (20%)	\$2,591,200
ADMINISTRATION (4%)	(\$388,680)
OTHER SET ASIDES	(\$3,362,082)
NET 12 SRF FUNDS	\$11,796,438

AVAILABLE FUNDS FY 2013:

FEDERAL TITLE VI GRANT FUNDS	\$12,156,000
BOND PROCEEDS (20%)	\$2,431,200
ADMINISTRATION (4%)	(\$364,680)
OTHER SET ASIDES	(\$2,911,362)
NET 13 SRF FUNDS	\$11,311,158

AVAILABLE FUNDS FY 2014:

FEDERAL TITLE VI GRANT FUNDS	\$13,770,000
BOND PROCEEDS (20%)	\$2,754,000
ADMINISTRATION (4%)	(\$413,100)
OTHER SET ASIDES	(\$3,717,900)
NET 13 SRF FUNDS	\$12,393,000

NET FY 97-14 SRF FUNDS \$200,091,675

CURRENT REVOLV/SURPL FUND BALANCE \$ 66,241,740

Leverage Fund Balance \$0

	TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT		DATE APPROVED	COMMENTS
<u>PROJECTS APPROVED IN FY 2000</u>					
1	\$52,500	\$31,500	(s)	12/10/1999	F1
2	\$3,441,785	\$3,049,314	(c)	04/04/00	
3	\$130,880	\$58,440	(c)	04/04/00	F1
4	\$170,000	\$88,000	(c)	04/04/00	F1
	TOTALS	\$3,795,165	\$3,227,254		
<u>PROJECTS APPROVED IN FY2001</u>					
5	\$3,858,000	\$1,500,000	(c)	07/18/2000	
6	\$2,096,910	\$500,000	(c)	07/18/2000	
7	\$3,442,422	\$2,383,982	(c)	9/29/00	
8	\$5,791,000	\$610,000	(c)	8/29/00	
9	\$13,325,000	\$5,500,000	(c)	9/29/00; Amd 5/16/01; Amd 5/1/03	Combined from 2 proj.
10	\$1,642,623	\$869,023	(c)	9/29/00	
11	\$357,500	\$357,500	(c)	12/21/00; 2/1/05	Land Acq Set Aside
12	\$2,512,626	\$2,190,384	(c)	3/1/01	
13	\$4,400,000	\$3,930,850	(c)	4/5/01	
14	\$173,222	\$173,222	(c)	5/3/01	
	TOTALS	\$37,599,303	\$18,014,961		
<u>PROJECTS APPROVED IN FY2002</u>					
15	\$7,773,200	\$6,442,400	(c)	07/12/01	
16	\$1,500,000	\$1,451,881	(c)	07/12/01	
17	\$408,088	\$350,367	(c)	10/4/01	
18	\$5,369,590	\$1,197,072	(c)	10/4/01	
19	\$5,896,855	\$2,808,855	(c)	11/1/01; 12/12/02	Exec Com
20	\$27,369,858	\$4,000,000	(c)	2/7/02	
21	\$800,000	\$447,000	(c)	3/7/02	
22	\$2,800,000	\$1,241,766	(c)	5/2/02	
23	\$1,513,593	\$1,513,593	(c)	6/6/02	
24	\$6,736,238	\$3,645,811	(c)	6/6/02	
25	\$687,000	\$554,103	(c)	6/6/02	
	TOTALS	\$60,854,422	\$23,652,849		
<u>PROJECTS APPROVED IN FY2003</u>					
26	\$3,560,000	\$3,299,999	(c)	7/11/02; 1/1/05	
27	\$12,244,000	\$3,980,000	(c)	9/25/02	
28	\$252,130	\$252,130	(c)	10/3/02	Land Acq Set Aside
29	\$928,000	\$928,000	(c)	10/3/02	
30	\$1,229,000	\$1,210,604	(c)	12/12/02	Exec Com
31	\$14,459,550	\$4,000,000	(c)	6/5/03	
	TOTALS	\$32,672,680	\$13,670,733		
<u>PROJECTS APPROVED IN FY2004</u>					
32	\$1,956,156	\$1,908,662	(c)	9/4/03	
33	\$1,056,500	\$500,000	(c)	9/4/03	F1
34	\$3,768,000	\$1,563,625	(c)	11/6/03	
35	\$5,020,000	\$1,597,552	(c)	11/6/03	
36	\$13,059,330	\$4,000,000	(c)	12/4/03; 1/8/04	
37	\$919,760	\$394,760	(c)	12/4/03	
38	\$1,541,362	\$0		2/12/04	withdrawn
	TOTALS	\$27,321,108	\$9,964,599		
<u>PROJECTS APPROVED IN FY2005</u>					
39	\$4,206,815	\$1,455,400	(c)	10/7/04	
40	\$359,500	\$359,500	(c)	3/3/05	F1
41	\$14,690,222	\$8,000,000	(c)	5/5/05	
	TOTALS	\$19,256,537	\$9,814,900		
<u>PROJECTS APPROVED IN FY 2006</u>					
42	\$14,498,150	\$4,400,000	(c)	12/1/05; amd 8/1/07	
43	\$14,000,000	\$4,520,000	(c)	6/1/06; 11/1/12	assumed from Columbia-Adair Wat Com
44	\$6,844,310	\$4,000,000	(c)	6/1/06	
	TOTALS	\$35,342,460	\$12,920,000		

	TOTAL PROJECT AMOUNT	KIA AMOUNT		DATE APPROVED	COMMENTS
<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	\$11,917,000	\$6,746,043		
<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	12/4/08	
	TOTALS	\$29,135,364	\$6,519,566		
<u>PROJECTS APPROVED FY2010</u>					
65	PADUCAH, CITY OF	\$7,510,000	\$7,500,000	9/3/09	
66	HARDINBURG, CITY OF	\$4,700,500	\$3,251,590	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	\$36,445,590		
<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	\$2,365,763	5/5/11; revised for ARRA fdg	
	TOTALS	\$24,658,454	\$21,009,217		
<u>PROJECTS APPROVED FY2012</u>					
79	Breathitt Co Water District	\$2,500,000	\$2,500,000	7/7/11	
80	Adair Co WD dba Columbia Adair Utilities	\$3,439,000	\$1,500,000	8/4/11	
81	Jessamine South Elkhorn WD	\$3,025,300	\$3,025,300	11/10/11	
82	Hodgenville, City of	\$774,183	\$774,183	11/10/11	
83	East Casey County WD	\$1,545,000	\$1,545,000	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	

		TOTAL PROJECT AMOUNT	KIA AMOUNT	DATE APPROVED	COMMENTS
PROJECTS APPROVED IN FY 2012 (Continued)					
88	Mount Vernon, City of	WX21203523	\$3,023,310	\$3,023,310	1/5/12; 10/2/14
89	Lyon Co WD		\$2,000,000	\$2,000,000	1/5/12
90	Campbellsville, City of	WX21217003	\$1,875,000	\$1,875,000	3/1/12
91	Centertown, City of	WX21183030; WX21183031	\$922,850	\$922,850 (c)	3/1/12
92	Sturgis, City of	WX21225034	\$4,000,000	\$3,000,000	3/1/12
93	Hartford, City of	WX21183020	\$564,150	\$486,840 (c)	6/7/12
TOTALS			\$27,353,441	\$24,214,464	
PROJECTS APPROVED IN FY 2013					
94	Adair Co WD dba Columbia Adair Uti	WX21001024	\$4,000,000	\$4,000,000	11/1/12
95	Nicholasville, City of	WX21113042	\$939,000	\$444,000	12/6/12; 3/6/14
96	Nicholasville, City of	WX21113041	\$110,000	\$110,000	12/6/12; 3/6/14
97	Danville, City of	WX21021017	\$28,608,171	\$12,467,849	2/7/13; 2/6/14; 6/26/14
98	Madison Co Utility District	WX21151051	\$876,528	\$856,528	2/7/13
99	Vanceburg, City of	WX21135017	\$849,878	\$849,878 (c)	2/7/13
		WX21167022			
		WX21167026			
100	City of Harrodsburg	WX21167027	\$2,703,422	\$2,703,422	3/7/13; 6/26/14
101	Frankfort Electric & Water Plant Boar	WX21073018	\$4,000,000	\$4,000,000	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	\$885,738	4/4/13
104	Carrollton, City of	WX21041001	\$1,757,706	\$1,657,988	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	\$17,250,000	\$4,000,000	6/19/13; 5/1/14
TOTALS			\$82,094,443	\$46,128,444	
PROJECTS APPROVED IN FY 2014					
108	Garrison-Quincy KY-O-Heights WD	WX21135013	\$831,000	\$831,000	10/3/13
109	Carrollton, City of	WX21041002	\$963,931	\$963,931	12/5/13
110	Hardinsburg, City of	WX21027014	\$1,190,000	\$1,190,000	12/5/13
111	Northern Ky Water District	WX21037004	\$5,734,000	\$4,000,000	12/5/13
112	North Middletown, City of	WX21017019	\$680,000	\$680,000	2/6/14; 6/26/14
113	Jenkins, City of	WX21133043	\$2,400,000	\$2,400,000	3/6/14
114	Bullock Pen Water District	WX21081006	\$869,600	\$849,600	3/6/14
115	Midway, City of	WX21239027	\$215,000	\$215,000	5/1/14
116	Flatwoods, City of	WX21089064	\$325,000	\$325,000	6/26/14
TOTALS			\$13,208,531	\$11,454,531	Interest rate reduction to .75%
PROJECTS APPROVED IN FY 2015					
117	Cumberland County WD	WX21057013	\$1,368,000	\$1,268,000	10/2/14
118	Western Lewis-Rectorville Wtr & Gas Dist	WX21161039	\$1,280,000	\$1,266,500	10/2/14
119	Henry County WD #2	WX21103037	\$3,254,000	\$2,800,000	10/2/14
120	Northern Ky Water District	WX21037006	\$6,406,830	\$4,000,000	11/6/14
121	Pineville, City of	WX21013918	\$220,000	\$220,000	11/6/14
122	Lebanon, City of	WX21155039	\$3,230,000	\$3,230,000	12/4/14
123	Monroe Co Water District	WX21171045	\$12,412,000	\$8,000,000	12/4/14
124	Campbellsville, City of	WX21217023	\$6,428,000	\$6,428,000	12/4/14
125	Fleming-Neon, City of	WX21133029	\$143,616	\$143,616	12/4/14
126	Burkesville, City of	WX21057017	\$811,600	\$811,600	2/5/15
127	Whitley County Water District	WX21235434	\$937,500	\$932,500	4/2/15
128	Harrodsburg, City of	WX21167028	\$326,660	\$326,660	4/2/15
129	Lebanon, City of	WX21155040	\$720,000	\$720,000	5/7/15
130	Paducah, City of	WX21145085	\$4,508,000	\$4,493,000	5/7/15
TOTALS			\$42,046,206	\$34,639,876	F1
GRAND TOTALS - COMMITMENTS			\$608,230,984	\$332,349,587	

bold, italics - pending board approval

(c) - Final amounts; Loan has been closed

(s) - Amount represented in the assistance agreement

(F1) - Planning and Design Loan

KENTUCKY INFRASTRUCTURE AUTHORITY
SAFE DRINKING WATER STATE REVOLVING FUND CFDA #66.468 ---- (FUND F2)
AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009

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	<u>\$369,683</u>
NET ARRA FUNDS	<u>\$19,285,933</u>

	TOTAL PROJECT AMOUNT	KIA AMOUNT	FIRST USE FUNDS	DATE APPROVED
PROJECTS APPROVED IN SFY 2009:				
1	\$2,866,652	\$222,606 (c)	\$222,606	6/25/09
2	\$4,000,000	\$947,901 (c)	\$947,901	6/25/09
TOTALS	<u>\$6,866,652</u>	<u>\$1,170,507</u>	<u>\$1,170,507</u>	
PROJECTS APPROVED IN SFY 2010:				
3	\$1,322,000	\$572,000 (c)	\$572,000	7/9/09; 11/24/09
4	\$171,840	\$171,794 (c)	\$171,794	7/9/09
5	\$1,100,000	\$1,099,903 (c)	\$1,099,903	8/6/09
6	\$2,650,000	\$500,000 (c)	\$500,000	8/6/09
7	\$174,800	\$174,374 (c)	\$174,374	8/20/09
8	\$3,498,452	\$1,855,004 (c)	\$1,855,004	8/20/09
9	\$2,120,000	\$2,120,000 (c)	\$2,120,000	8/20/09
10	\$1,153,000	\$1,153,000 (c)	\$1,153,000	9/3/09
11	\$18,508,832	\$4,173,200 (c)	\$4,173,200	9/3/09; 2/4/10
12	\$1,500,000	\$1,500,000 (c)	\$1,500,000	9/3/09
13	\$805,000	\$805,000 (c)	\$805,000	10/1/09
14	\$1,100,000	\$741,450 (c)	\$741,450	10/1/09
15	\$6,966,088	\$683,200 (c)	\$683,200	10/1/09
16	\$578,000	\$500,000 (c)	\$500,000	10/1/09
17	\$2,915,099	\$1,381,963 (c)	\$1,381,963	11/12/09
18	\$3,050,300	\$684,537	\$684,537	5/5/11; revised from base fdg
TOTALS	<u>\$44,563,111</u>	<u>\$18,115,426</u>	<u>\$18,115,426</u>	
GRAND TOTALS - COMMITMENTS	<u>\$51,429,763</u>	<u>\$19,285,933</u>	<u>\$19,285,933</u>	
BALANCE AVAILABLE FOR LOAN			<u>\$0</u>	

bold, italics - pending board approval

(c) - Final amounts; Loan has been closed

(s) - Amount represented in the assistance agreement

**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		\$2,574,180		
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 DISTRICT	\$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 WURLAND, 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
PROJECTS APPROVED IN FY 1994:					
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		
PROJECTS APPROVED IN FY 1995:					
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	CALHOUN, CITY OF	\$506,100	\$453,299	(c)	5-30-95
	TOTALS	\$9,647,100	\$5,905,194		
PROJECTS APPROVED IN FY 1996:					
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		
PROJECTS APPROVED IN FY 1997:					
58	EAST PENDLETON WATER DISTRICT	\$202,004	\$219,856	(c)	6-19-97
	TOTALS	\$202,004	\$219,856		
PROJECTS APPROVED IN FY 1998:					
	TOTALS	\$0	\$0		
PROJECTS APPROVED IN FY 1999:					
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		
PROJECTS APPROVED IN FY 2001:					
62	BARLOW, CITY OF	\$416,000	\$237,714	(c)	3/1/01
	TOTALS	\$416,000	\$237,714		
PROJECTS APPROVED IN FY 2002:					
63	OLDHAM COUNTY WATER DISTRICT	\$7,043,642	\$5,560,339	(c)	7/12/01
	TOTALS	\$7,043,642	\$5,560,339		
PROJECTS APPROVED IN FY 2003:					
* 64	MCCREARY COUNTY FISCAL COURT	7,996,000	1,474,999	(c)	9/5/2002
* 65	NICHOLASVILLE, CITY OF	4,310,000	4,160,000	(c)	10/3/2002
66	SOUTHERN WATER & SEWER	6,874,900	0		1/9/2003 Withdrawn - Replaced with Coal Sev
67	MEADE COUNTY WATER DISTRICT	919,760	0		6/5/2003 Withdrawn - Replaced with Fd F loan
	TOTAL	\$7,996,000	\$5,634,999		
PROJECTS APPROVED IN FY 2004:					
68	KNOTT CO WATER & SEWER DISTRICT	\$2,628,821	\$640,367		8/7/2003
* 69	CAWOOD WATER DISTRICT	\$2,020,000	\$500,000		12/4/2003
* 70	BLACK MTN UTILITIES DISTRICT	\$2,295,000	\$250,000	(c)	1/8/2004
	TOTAL	\$6,943,821	\$1,390,367		
PROJECTS APPROVED IN FY 2005:					
* 71	NORTONVILLE, CITY OF	\$5,300,000	\$2,768,556	(c)	9/2/2004
* 72	JOHNSON CO FISCAL COURT	\$1,317,000	\$0		12/9/2004 Withdrawn
* 73	PEAKS MILL WATER DISTRICT	\$1,626,900	\$946,900	(c)	5/5/2005
	TOTAL	\$8,243,900	\$3,715,456		
PROJECTS APPROVED IN FY 2007:					
* 74	MAYFIELD, CITY OF	\$393,250	\$389,255	(c)	5/10/2007 broadband
	TOTAL	\$393,250	\$389,255		

		TOTAL PROJECT AMOUNT	KIA AMOUNT		DATE APPROVED	COMMENTS
PROJECTS APPROVED IN FY 2008:						
* 75	SOUTHEAST DAVIESS CO WD	\$1,219,995	\$796,140	(c)	11/1/2007	water
* 76	WEST DAVIESS CO WD	\$1,378,708	\$948,348	(c)	11/1/2007	water
* 77	NORTHERN KY WATER DISTRICT	\$6,000,000	\$6,000,000	(c)	6/5/2008	water
	TOTAL	\$8,598,703	\$7,744,488			
PROJECTS APPROVED IN FY 2009:						
* 78	UNION, CITY OF	\$1,147,500	\$248,294	(c)	10/2/2008	sewer
	TOTAL	\$1,147,500	\$248,294			
PROJECTS APPROVED IN FY 2010:						
* 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)	10/1/2009	water
	TOTAL	\$6,850,000	\$5,300,000			
PROJECTS APPROVED IN FY 2011:						
* 81	Bracken Co Water District	\$621,000	\$621,000	(c)	3/3/2011	water main replacement
	TOTAL	\$621,000	\$621,000			
PROJECTS APPROVED IN FY 2012:						
* 82	Warren Co Water District	\$1,114,400	\$823,900	(c)	10/6/2011	Buchanon Park Sewer Extension
* 83	Muninet Fiber Agency	\$3,173,049	\$3,173,049		2/2/2012	Cable Build Project #2
* 84	Worthington, City of	\$600,000	\$600,000		4/12/2012	Filters Upgrade
	TOTAL	\$4,887,449	\$4,596,949			
PROJECTS APPROVED IN FY 2014:						
* 85	Bowling Green, City of	\$1,192,485	\$1,192,485		2/6/2014	WX21227077 - Reservoir Hill Piping Renovation Project
* 86	Glasgow, City of	\$3,364,860	\$3,000,000		6/26/2014	SX21009017 - New sewer basin
	TOTAL	\$4,557,345	\$4,192,485			
PROJECTS APPROVED IN FY 2015:						
* 87	Northern Madison Co SD	\$1,500,000	\$1,200,000		10/2/2014	SX21151036 - Muddy Creek Waste Water Treatment Plant
* 88	Richmond, City of	\$1,422,370	\$1,422,370		11/6/2014	WX21151058 - Raw Water Intake Electric Relocation
* 89	Warren County Water District	\$1,760,700	\$1,090,050		2/15/2015	SX21227047 - Alvaton Area Sewer Extension
	TOTAL	\$4,683,070	\$3,712,420			
	KIA TOTALS	\$156,742,914	\$97,465,184			
	GRAND TOTALS (including KPAA)		\$129,490,184			
	Funds committed; not issued:		\$37,192,925			

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
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: \$45,495,408

Revolving Available to Loan/Grant Before Current Meeting \$5,775,951

	TOTAL INFRASTRUCTURE AMOUNT	KIA Grnt/Prin Forg AMOUNT	KIA Loan AMOUNT	GENERATED PRIVATE INVESTMENT	JOBS CREATED	DATE APPROVED	COMMENTS
PROJECTS APPROVED IN FY 1989:							
1	WILMORE, CITY OF	\$1,059,938	\$407,770 (c)	\$13,700,000	257	12-21-88	
2	AUBURN, CITY OF	\$2,175,540	\$1,475,540 (c)	\$2,225,000	96	12-21-88	
3	SOMERSET, CITY OF	\$2,402,764	\$1,500,000 (c)	\$75,000,000	326	12-21-88	
4	HENRY COUNTY	\$775,627	\$287,984 (c)	\$4,380,000	210	03-22-89	(REAP. 1-31-91 & AMD. 6-20-91)
5	GRAVES COUNTY	\$3,717,000	\$3,717,000 (c)	\$31,037,070	600	05-03-89	
	TOTALS	\$10,130,869	\$7,388,294	\$126,342,070	1,489		
PROJECTS APPROVED IN FY 1990:							
6	LAWRENCEBURG, CITY OF	\$301,000	\$86,114 (c)	\$426,187	30	08-07-89	
7	LEITCHFIELD, CITY OF	\$1,296,200	\$699,674 (c)	\$2,470,000	200	08-07-89	
8	LIBERTY, CITY OF	\$319,573	\$163,822 (c)	\$1,533,133	140	08-07-89	
9	BEREA, CITY OF	\$1,200,000	\$340,000 (c)	\$0	750	08-07-89	
10	GAMALIEL, CITY OF	\$2,040,263	\$490,425 (c)	\$2,000,000	125	09-27-89	(REAP. 3-28-91 & AMD. 6-26-92)
11	GRAYSON, CITY OF (1)	\$1,875,000	\$1,000,000 (c)	\$10,000,000	300	12-13-89	
12	LEBANON JUNCTION, CITY OF	\$701,900	\$148,649 (c)	\$7,500,000	200	04-25-90	
13	MT. VERNON, CITY OF	\$864,347	\$456,480 (c)	\$20,000,000	154	04-25-90	(AMD. 3-28-91)
14	RUSSELLVILLE, CITY OF	\$1,591,673	\$1,434,750 (c)	\$0	0	04-25-90	
	TOTALS	\$10,189,956	\$4,819,914	\$43,929,320	1,899		
PROJECTS APPROVED IN FY 1991:							
15	RICHMOND, CITY OF	\$1,508,300	\$250,000 (c)	\$1,500,000	100	09-26-90	
16	WARREN COUNTY W.D. (Chg)	\$638,035	\$229,035 (c)	\$14,000,000	280	09-26-90	
17	LAUREL COUNTY FISCAL COURT	\$964,742	\$319,969 (c)	\$2,900,000	74	09-26-90	
18	MOUNTAIN WATER DISTRICT (Mtn. Top f	\$890,977	\$186,711 (c)	\$2,250,000	500	11-19-90	
19	MONTICELLO, CITY OF (1)	\$336,450	\$366,293 (c)	\$2,300,000	432	06-20-91	
20	JEFFERSON COUNTY / KROGER	\$1,425,575	\$1,310,251 (c)	\$23,950,000	101	06-20-91	(AMD. 3-17-93)
	TOTALS	\$5,764,079	\$2,662,259	\$46,900,000	1,487		
PROJECTS APPROVED IN FY 1992:							
21	NEWPORT, CITY OF	\$4,017,704	\$2,931,899 (c)	\$2,931,899	220	09-16-91	(AMD. 7-23-92; 6-29-94; 12/9/04)
22	HODGENVILLE, CITY OF	\$125,900	\$114,931 (c)	\$400,000	16	11-01-91	
23	SCOTTSVILLE, CITY OF	\$4,252,173	\$2,660,800 (c)	\$0	260	12-04-91	
24	MONTICELLO, CITY OF (2)	\$2,610,040	\$1,495,628 (c)	\$0		12-04-91	
25	WARREN COUNTY WATER DISTRICT (W	\$121,000	\$92,809 (c)	\$32,000,000	200	02-25-92	
26	WARREN COUNTY WATER DISTRICT (St	\$297,000	\$203,233 (c)	\$0		02-25-92	
27	LIVERMORE, CITY OF	\$86,039	\$86,039 (c)	\$0	12	06-26-92	
	TOTALS	\$11,509,856	\$7,585,339	\$35,331,899	708		
PROJECTS APPROVED IN FY 1993:							
28	MARION, CITY OF	\$1,218,460	\$379,510 (c)	\$1,412,000	40	12-17-92	
29	DAVISS COUNTY FISCAL COURT	\$1,765,510	\$1,634,610 (c)	\$340,000,000	280	01-29-93	
30	COVINGTON, CITY OF	\$516,140	\$460,327 (c)	\$18,000,000	500	01-29-93	
31	HOPKINSVILLE, CITY OF	\$8,688,679	\$5,000,000 (c)	\$0	500	05-05-93	(REAP. 3-31-95)
	TOTALS	\$12,188,789	\$7,474,447	\$359,412,000	1,320		
PROJECTS APPROVED IN FY 1994:							
32	GRAYSON, CITY OF (2)	\$1,712,759	\$1,412,759 (c)	\$0	155	08-31-93	
33	PIKEVILLE, CITY OF	\$5,037,889	\$611,397 (c)	\$4,396,000	93	08-31-93	
34	LANCASTER, CITY OF	\$1,710,420	\$781,462 (c)	\$0	100	09-29-93	
35	GALLATIN COUNTY	\$4,089,434	\$4,000,000 (c)	\$400,089,434	400	09-29-93	(AMD. 6-29-94, REAP. 3-31-95)
36	CAMPBELLSVILLE, CITY OF	\$4,905,000	\$1,905,000 (s)	\$0	295	12-05-95	(REAP.)(AMD. 7-13-98)
	TOTALS	\$38,849,110	\$21,645,392	\$781,897,434	3,363		
PROJECTS APPROVED IN FY 1995:							
30	HENDERSON, CITY OF (phase 1)	\$7,445,372	\$3,188,731 (c)	\$0	1,500	08-30-94	(AMD. 7-5-96)
	(phase 2)		\$581,512 (c)	\$0		08-30-94	
* 31	WEBSTER COUNTY WATER DISTRICT	\$1,268,460	\$638,000 (c)	\$0	58	05-30-95	
	TOTALS	\$8,713,832	\$4,408,243	\$0	1,558		

	INFRASTRUCTURE AMOUNT	Grnt/Prin Forg AMOUNT	Loan AMOUNT	PRIVATE INVESTMENT	JOBS CREATED	DATE APPROVED	COMMENTS
PROJECTS APPROVED IN FY 1996:							
* #REF! OAK GROVE, CITY OF	\$787,990		\$498,295 (c)	\$0	134	05-14-96	
#REF! MOUNT STERLING, CITY OF	\$2,467,009		\$2,467,009 (c)	\$0	400	05-14-96	
TOTALS	\$3,254,999		\$2,965,304	\$0	534		
PROJECTS APPROVED IN FY 1997:							
#REF! CORBIN, CITY OF	\$583,878		\$300,000 (c)	\$0	30	8-29-96	
42 GRAVES CO WATER DISTRICT	\$1,028,000		\$528,000 (c)	\$0	95	12-4-96; 4/4/13	REAP 9-1-98; assumed from Hickory
TOTALS	\$1,611,878		\$828,000	\$0	125		
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)	\$0	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	11/4/2004	commitment expired
* 40 OWENTON, CITY OF	\$736,890		\$0	\$0	NA	11/4/2004	commitment expired
* 41 HART CO FISCAL COURT	\$3,192,000		\$2,170,999 (c)	\$0	NA	3/3/2005	
* 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	12/1/2005	
* 46 BONNIEVILLE, CITY OF	\$3,160,000		\$0	\$0	NA	12/1/2005	commitment expired
* 47 Elkton, City of	\$808,000		\$808,000 (c)	\$0	NA	3/2/2006	
* 48 MT VERNON, CITY OF	\$2,055,000		\$945,000 (c)	\$0	NA	5/4/2006	
TOTALS	\$11,415,953		\$3,062,225	\$0			
PROJECTS APPROVED IN FY2007:							
* 49 GUTHRIE, CITY OF	\$0		\$0	\$0	NA	8/3/2006	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	12/7/2006	3,038,700 In; 550,000 grant
* 52 CONNECTGRADD	\$2,400,000		\$837,856 (c)	\$0	NA	2/8/2007	broadband
* 53 ALBANY, CITY OF	\$7,366,000		\$749,947 (c)	\$0	NA	5/10/2007	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	9/6/2007	sewer
* 56 HOPKINSVILLE ELECT & EN NET	\$3,000,000		\$3,000,000 (c)	\$0	NA	10/4/2007	fiber optic communications
* 57 MARION CO WATER DISTRICT	\$750,000		\$340,000 (c)	\$0	NA	10/4/2007	water
* 58 WILLIAMSBURG, CITY OF	\$3,237,440		\$400,000 (c)	\$0	NA	10/4/2007	water
* 59 LOGAN TODD REG WAT COMM	\$1,500,000		\$400,000 (c)	\$0	NA	11/1/2007	water
* 60 BURGIN, CITY OF	\$50,000		\$50,000 (c)	\$0	NA	11/1/2007	water
61 PRESTONSBURG, CITY OF	\$2,700,000		\$2,700,000 (c)	\$0	NA	12/6/2007	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	3/6/2008	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	4/3/2008	water
66 WALTON, CITY OF	\$4,000,000		\$1,000,000 (c)	\$0	NA	6/5/2008	sewer
TOTALS	\$23,245,440		\$11,137,800	\$0			

	TOTAL INFRASTRUCTURE AMOUNT	KIA Grnt/Prin Forg AMOUNT	KIA Loan AMOUNT	GENERATED PRIVATE INVESTMENT	JOBS CREATED	DATE APPROVED	COMMENTS
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		8/7/2008	sewer
69	PRESTONSBURG, CITY OF	\$841,000	\$841,000 (c)	\$0 NA		10/2/2008	water meters
70	LEBANON, CITY OF	\$1,119,707	\$582,883 (c)	\$0 NA		12/4/2008	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		6/25/2009	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		10/1/2009	sewer
74	Falmouth, City of	\$564,835	\$564,835 (c)	\$0 NA		10/1/2009	sewer
75	Bullitt Co Sanitation District	\$500,000	\$500,000 (c)	\$0 NA		2/4/2010	sewer
76	Hart Co Industrial Authority	\$2,300,000	\$999,811 (c)	\$3,000,000	40	2/4/2010	sewer
77	Marshall Co. Fiscal Court	\$1,075,000	\$800,000	\$275,000		6/3/10; 12/6/12	80% grant/ 20% loan
TOTALS		\$7,109,835	\$800,000	\$2,339,646	\$3,000,000	40	
PROJECTS APPROVED IN FY2011:							
78	Bullitt Co Sanitation District	\$500,000	\$0	\$500,000 (c)	\$0 NA	8/5/2010	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	12/9/2010	water
83	Caneyville, City of	\$445,000	\$0	\$110,000 (c)	\$0 NA	12/9/2010	sewer
84	Crab Orchard, City of	\$1,660,000	\$400,000	\$410,000	\$0 NA	12/9/2010	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	2/3/2011	
87	Mt. Washington, City of	\$700,000	\$560,000	\$140,000 (c)	\$0 NA	2/3/2011	
88	White Plains, City of	\$657,000	\$525,600	\$131,400 (c)	\$0 NA	2/3/2011	
89	Beattyville, City of	\$675,000	\$140,000	\$35,000 (c)	\$0 NA	3/3/2011	water
90	Elkton, City of	\$141,700	\$0	\$136,761 (c)	\$0 NA	3/3/2011	water
91	Nicholas County Sanitation District	\$2,641,000	\$0	\$550,000 (c)	\$0 NA	3/3/2011	sewer
92	North McLean Co WD	\$737,871	\$200,000	\$50,000 (c)	\$0 NA	3/3/2011	water
93	MuniNet	\$2,031,370	\$0	\$2,031,370 (c)	\$0 NA	4/7/2011	broadband
TOTALS		\$16,419,852	\$2,940,400	\$7,901,931	\$0		
PROJECTS APPROVED IN FY2012:							
94	Crittenden-Livingston Water District	\$300,000	\$0	\$300,000 (c)	\$0 NA	8/4/2011	water
95	Lewisburg, City of	\$0	\$0	\$0	\$0 NA	3/1/2012	water - withdrawn 12/2/13
96	Olive Hill, City of	\$505,000	\$0	\$505,000	\$0 NA	3/1/2012	water
97	Mount Olivet, City of	\$1,100,000	\$0	\$350,000 (c)	\$0 NA	4/12/2012	water
98	Nebo Water District	\$92,000	\$0	\$92,000 (c)	\$0 NA	6/7/2012	water - WX21107002
TOTALS		\$1,997,000	\$0	\$1,247,000	\$0		
PROJECTS APPROVED IN FY2013:							
99	East Pendleton Water District	\$160,000	\$0	\$160,000 (c)	\$0 NA	8/2/2012	water WX21191002
100	Marion County Water District	\$548,180	\$0	\$548,180 (c)	\$0 NA	8/2/2012	water - WX21155031
101	Symsonia Water District	\$924,016	\$0	\$329,016	\$0 NA	8/2/12; 12/4/14	water - WX21083055
102	Scottsville, City of	\$716,000	\$0	\$261,068 (c)	\$0 NA	8/2/2012	sewer - SX21003032
103	South Shore, City of	\$2,082,411	\$0	\$1,882,411	\$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	3/7/2013	sewer - SX21029031
106	Pineville, City of	\$1,380,000	\$0	\$1,380,000	\$0 NA	4/4/2013	water - WX21013926
107	Green River Valley Water District	\$1,175,000	\$0	\$1,175,000	\$0 NA	4/4/2013	water - WX21099003
108	Burkesville, City of	\$1,500,000	\$0	\$500,000 (c)	\$0 NA	5/2/2013	sewer - SX21057003
109	Scottsville, City of	\$2,093,465	\$0	\$1,416,540	\$0 NA	5/2/2013	sewer - SX21003027
TOTALS		\$11,014,532	\$84,756	\$8,002,920	\$0		
PROJECTS APPROVED IN FY2014:							
110	Paradise Park Reg Industrial Dev Auth	\$853,585	\$0	\$350,000	\$0 NA	9/5/2013	water - WX21177029
111	US 60 Water District	\$1,605,810	\$0	\$1,300,000 (c)	\$0 NA	9/5/2013	water - WX21211033
112	Greensburg, City of	\$83,813	\$0	\$83,813	\$0 NA	2/6/2014	water - WX21087018
113	Edmonton, City of	\$174,907	\$0	\$174,907 (c)	\$0 NA	2/6/2014	water - WX21169031
114	Dawson Springs, City of	\$450,000	\$0	\$350,000	\$0 NA	3/6/2014	water - WX21107035
115	Wickliffe, City of	\$150,000	\$0	\$150,000	\$0 NA	3/6/2014	water - WX21007006
116	Lebanon Junction, City of	\$200,000	\$0	\$200,000	\$0 NA	4/3/2014	sewer - SX21029032
117	Grand Rivers, City of	\$263,000	\$0	\$263,000	\$0 NA	4/3/2014	water - WX21139017
118	Mount Olivet, City of	\$65,000	\$0	\$65,000	\$0 NA	4/3/2014	sewer - SX21201007
119	Hickman, City of	\$0	\$0	\$0	\$0 NA	4/3/2014	water - WX21075017 - withdrawn 8/20/14
120	London, City of	\$1,100,300	\$0	\$1,100,300	\$0 NA	5/1/2014	sewer - SX21125004
121	Greenup Joint Sewer Agency	\$2,000,000	\$0	\$2,000,000	\$0 NA	6/26/2014	sewer - SX21089072
122	Greensburg, City of	\$0	\$0	\$0	\$0 NA	6/26/2014	water - WX21087008 - withdrawn 2/20/14
TOTALS		\$6,946,415	\$0	\$6,037,020	\$0		
PROJECTS APPROVED IN FY2015:							
123	Hustonville, City of	\$476,400	\$0	\$476,400	\$0 NA	9/4/2014	water - WX21137046
124	Bracken Co Water District	\$358,000	\$0	\$358,000	\$0 NA	12/4/2014	water - WX21023045
125	Northern Kentucky Water District	\$1,834,917	\$0	\$1,500,000	\$0 NA	2/5/2015	water - WX21117002
126	Cattlettsburg, City of	\$270,000	\$0	\$270,000	\$0 NA	2/5/2015	sewer - SX21019076
127	Barbourville, City of	\$130,000	\$0	\$130,000	\$0 NA	4/2/2015	water - WX21121007
TOTALS		\$3,069,317	\$0	\$2,734,400	\$0		
GRAND TOTALS		\$249,570,222	\$3,825,156	\$123,660,088	\$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 (rif)
TOTAL AUTHORIZATION FYS 2001-2002	\$3,925,000 (rif)
	<u>\$22,846,178</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>\$14,777,038</u>	<u>\$5,621,178</u>		

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

10 DAVIESS COUNTY FISCAL COURT (East Daviess County Water Association)	\$300,000	\$300,000 (c)	11-12-92	(AMD. 9-29-93)
TOTALS	<u>\$300,000</u>	<u>\$300,000</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	9/1/1998	
13 CITY OF MIDWAY	\$4,760,971	\$3,500,000	6/6/2000	
14 CITY OF HINDMAN	\$3,000,000	\$3,000,000	7/28/1999	
TOTALS	<u>\$20,365,196</u>	<u>\$13,000,000</u> (rif)		

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

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

PROJECTS PER SPECIAL PROVISIONS DURING 2000 GENERAL SESSION

16 HORTON CAMP INF AT GREEN RIVER ST PARK	650,000.00	650,000.00	6/6/2000	
17 FLEMING CO WATER COMM	75,000.00	75,000.00	2/1/2001 (AA date)	
18 FLEMING CO '201' SEWER PLANNING	50,000.00	50,000.00	10/1/2001 (AA date)	
19 CITY OF WURLAND	25,000.00	25,000.00	10/1/2001 (AA date)	
20 SPURLOCK & LITTLE MUD CREEK	300,000.00	300,000.00	8/17/2001 (AA date)	
21 PIKE COUNTY - TAYLOR FORK	50,000.00	50,000.00	8/6/2001 (AA date)	
22 SOUTHERN MADISON WATER DISTRICT	200,000.00	200,000.00	3/1/2001 (AA date)	
23 HENDERSON CO WATER DISTRICT	500,000.00	500,000.00	8/20/2001 (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	8/6/2001 (AA date)	
26 LARUE COUNTY FISCAL COURT	750,000.00	750,000.00	8/6/2001 (AA date)	
27 CARROL COUNTY FISCAL COURT	250,000.00	250,000.00	8/1/2001 (AA date)	
28 CITY OF RACELAND	25,000.00	25,000.00	9/21/2001 (AA date)	
29 CITY OF WORTHINGTON	25,000.00	25,000.00	8/6/2001 (AA date)	
30 CITY OF FLATWOODS	25,000.00	25,000.00	10/1/2001 (AA date)	
TOTALS	<u>3,925,000.00</u>	<u>3,925,000.00</u> (rif)		

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	12/6/2001
32	Bath County Water District	WX21011002	\$2,253,000	\$1,150,000	12/6/2001
33	City of Paris	WX21017002	\$2,300,000	\$1,000,000	12/6/2001
34	City of Ashland	WX21019006	\$2,362,626	\$750,000	12/6/2001
35	Bracken County Water District	WX21023001	\$1,810,000	\$93,500	12/6/2001
36	City of Murray	WX21035005	\$1,126,000	\$0	12/6/2001
37	Center Ridge Water District	WX21035011	\$262,200	\$262,200	12/6/2001
38	West Carroll Water District	WX21041301	\$2,200,000	\$500,000	12/6/2001
39	Rattlesnake Ridge Water District	WX21043001	\$4,130,000	\$440,000	12/6/2001
40	Christian County Water District	WX21047011	\$2,200,000	\$1,000,000	12/6/2001
41	Owensboro Municipal Utilities	WX21059001	\$2,500,000	\$1,000,000	12/6/2001
42	Consumers Water District	WX21083002	\$1,117,868	\$1,000,000	12/6/2001
43	City of Caneyville	WX21085001	\$486,000	\$186,000	12/6/2001
44	Grayson County Water District	WX21085009	\$2,878,000	\$1,000,000	12/6/2001
45	City of Cumberland	WX21095662	\$1,600,000	\$400,000	12/6/2001
46	Henderson Water Utility	WX21101005	\$600,000	\$600,000	12/6/2001
47	Wood Creek water District	WX21125527	\$350,364	\$350,364	12/6/2001
48	Louisa Water District	WX21127001	\$5,570,570	\$1,000,000	12/6/2001
49	Electric Plant Board of the City of Vanceburg	WX21135001	\$4,077,000	\$977,000	12/6/2001
50	City of Sacramento	WX21149002	\$150,000	\$150,000	12/6/2001
51	Western Lewis Rectorville Water District	WX21161001	\$1,399,000	\$275,000	12/6/2001
52	Edmonton Water Works	WX21169001	\$2,222,782	\$595,782	12/6/2001
53	Tri-Village Water District	WX21187205	\$1,800,000	\$800,000	12/6/2001
54	City of Falmouth	WX21191311	\$1,000,000	\$300,000	12/6/2001
55	City of Hazard	WX21193009	\$5,500,000	\$250,000	12/6/2001
56	Buffalo Trail Water Association	WX21201005	\$1,500,000	\$750,000	12/6/2001
57	US 60 Water District	WX21211026	\$1,375,000	\$650,000	12/6/2001
58	Taylorsville Water Works	WX21215087	\$3,500,000	\$430,400	12/6/2001
59	Campbellsville-Greensburg	WX21217004	\$3,181,900	\$0	12/6/2001
60	Cadiz-Trigg County Regional Water Commissio	WX21221002	\$14,000,000	\$70,000	12/6/2001
61	City of Midway	WX21239003	\$766,000	\$150,000	12/6/2001
62	City of Booneville	WX21189002	\$687,000	\$130,000	6/6/2002
TOTALS			\$78,320,310	\$16,315,246 (rif)	

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

63	Knott Co Water & Sewer		\$500,000	\$500,000	10/5/2006
64	Bath Co WD		\$514,340	\$250,000	12/7/2006
65	Western Pulaski Co Water District		\$620,000	\$620,000	5/10/07; 6/21/07
66	City of Harlan		\$200,000	\$200,000	6/21/2007
TOTALS			\$1,834,340	\$1,570,000 (rif)	

PROJECTS APPROVED IN FY2008:

67	City of Arlington		\$190,750	\$190,750	7/19/2007
68	City of Elkton		\$200,000	\$200,000	7/19/2007
69	City of Georgetown		\$80,000	\$80,000	7/19/2007
70	Morehead Utility Plant Board		\$373,900	\$373,900	7/19/2007
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.

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

**KENTUCKY INFRASTRUCTURE AUTHORITY
WATER RESOURCES LOAN ----- (FUND B2)
GATEWAY, BIG SANDY, KENTUCKY RIVER AND CUMBERLAND VALLEY DEVELOPMENT DISTRICTS**

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	<u>\$28,283,414</u>

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	<u>\$37,672,835</u>	<u>\$26,119,616</u>				

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	<u>\$1,858,645</u>	<u>\$1,792,633</u>				

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	<u>\$1,324,000</u>	<u>\$450,000</u>				
GRAND TOTALS	<u>\$40,855,480</u>	<u>\$28,362,249</u>				

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

**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 FFY 2002:

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

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	\$19,554,151

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	\$19,565,981

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

NET FY 1989-2014 SRF FUNDS **\$550,784,088**

CURRENT REVOLVING/SURPLUS FUND BALAN **\$261,458,036**

Leverage Bonds - 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	\$10,223,395	\$7,063,116	
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; 7/07/04 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	\$12,882,851	\$8,388,968	
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	\$38,664,447	\$31,883,950	
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	\$36,975,208	\$27,495,029	
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	\$36,291,393	\$29,923,350	
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
48	LEDBETTER SANITATION DISTRICT #1	\$4,767,980	\$3,624,359 (c)	05-11-94 (AMD.5-30-95)(AMD.7-13-98)
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	

TOTAL PROJECT AMOUNT	KIA AMOUNT	DATE APPROVED
----------------------	------------	---------------

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	SCOTTSDALE, 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		

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		

TOTAL PROJECT AMOUNT	KIA AMOUNT	DATE APPROVED
-------------------------	---------------	------------------

PROJECTS APPROVED IN SFY 2001:

108	PIKEVILLE, CITY OF	\$1,205,484	\$1,116,574	(c)	07/18/2000; 5/16/01 9/6/01; 3/2/06	Assumed from Mtn WD
109	GREENUP JOINT SEWER AGENCY	\$1,717,540	\$1,561,400	(c)	7/18/00; 6/26/14	Assumed from Wurtland
110	LEITCHFIELD, CITY OF	\$6,146,196	\$5,355,560	(c)	8/29/00	
111	CLOVERPORT, CITY OF	\$57,500	\$57,500	(c)	11/22/00	(A1)
112	WHITE PLAINS, CITY OF	\$2,250,400	\$669,700	(c)	12/21/00	
113	MANCHESTER, CITY OF	\$5,060,376	\$1,053,589	(c)	1/25/01	
114	ARLINGTON, CITY OF	\$677,333	\$167,567	(c)	6/7/01	
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	SOUTHERN WAT & SEW DIST	\$3,750,000	\$68,037	(c)	05/06/04	
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			

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			

TOTAL PROJECT AMOUNT	KIA AMOUNT	DATE APPROVED
-------------------------	---------------	------------------

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	\$25,981,634	\$24,350,578	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	\$57,843,022	\$54,690,822	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	\$21,192,000	\$21,192,000	4/3/08
170	Nicholasville, City of	\$9,554,625	\$7,494,225	4/3/08
171	Somersets, 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 \$300,885,449 \$260,014,598

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	\$10,000,000	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 \$71,167,731

PROJECTS APPROVED IN SFY 2010

183	Kentucky Horse Park	\$1,950,000	\$717,039.80 (c)	8/6/09
184	Maysville, City of	\$11,000,000	\$11,000,000	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	\$2,846,174	\$2,843,153 (c)	5/6/10; 7/7/11; 6/7/12
195	Oldham Co Env Auth -	\$1,477,000	\$1,000,000 (c)	5/6/10; 1/5/12
196	Oldham Co Env Auth	\$2,601,420	\$2,538,415 (c)	5/6/10; 1/5/12; 6/7/12
197	Lexington Fayette Urban County Government	\$10,500,000	\$10,500,000	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 \$103,083,700 \$83,483,238

TOTAL PROJECT AMOUNT	KIA 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	12/9/10;3/11/12;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		\$10,619,600	\$10,619,600	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	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		\$26,641,000	\$26,641,000	4/7/11	
215	Hopkinsville, City of		\$8,010,000	\$7,100,000	4/7/11;5/9/12	The 5/9/12 increase was rescinded
216	Pineville, City of		\$500,000	\$500,000	5/5/11	
217	Sanitation District #1		\$17,225,660	\$14,188,155	5/5/11	
218	Sanitation District #1		\$19,000,000	\$15,187,500	5/5/11	
219	Sanitation District #1		\$9,572,000	\$7,778,000	5/5/11	
220	West Liberty, City of		\$3,937,950	\$3,011,505	5/5/11; revised for ARRA fdg	
Total			\$144,085,094	\$120,565,256		

PROJECTS APPROVED IN SFY 2012

221	Oldham Co Env Authority	SX21185037	\$670,588	\$670,588 (c)	7/7/11;6/7/12	
222	Southern Water & Sewer		\$3,750,087	\$1,094,143 (c)	8/4/11;4/12/12	
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	\$6,800,000	\$6,800,000	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		\$2,500,000	\$2,500,000	2/2/12	
234	Paducah McCracken County JSA		\$8,400,000	\$8,000,000	2/2/12	
235	Ashland, City of		\$0	\$0	3/1/12	Request for funds withdrawn
236	Murray, City of		\$46,000,000	\$46,000,000	3/1/12	
237	Grant Co Sanitary SD		\$0	\$0	3/1/12	Request for funds withdrawn
238	Lexington-Fayette Urban Co Govt		\$2,530,000	\$1,930,000	3/1/12	
239	Regional Water Resource Agency		\$619,070	\$357,335	3/1/12	
240	Regional Water Resource Agency		\$1,802,125	\$1,586,875	3/1/12	
241	Flemingsburg, City of		\$2,000,000	\$500,000	4/12/12	
242	Jackson, City of		\$1,200,000	\$700,000	4/12/12	
243	Russell Springs, City of		\$719,000	\$719,000 (c)	4/12/12	
244	South Shore, City of		\$4,006,000	\$3,006,000	4/12/12	
245	Worthington, City of		\$500,000	\$500,000	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	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	\$825,000	6/7/12	
251	Lawrenceburg, City of	SX21005007	\$2,000,000	\$2,000,000	6/7/12	
252	Perry County Sanitation District	SX21193100	\$3,060,000	\$1,675,000 (c)	6/7/12; 2/6/14	
Total			\$96,860,536	\$86,179,251		

		TOTAL PROJECT AMOUNT	KIA AMOUNT	DATE APPROVED	
PROJECTS APPROVED IN SFY 2013					
253	Jenkins, City of	SX21133013	\$1,500,000	\$500,000	8/2/12
254	Frankfort, City of	SX21073058	\$9,500,000	\$8,000,000	2/7/13
255	Regional Water Resource Agency	SX21059031	\$1,655,565	\$1,655,565	2/7/13
256	Lexington-Fayette Urban Co Govt	SX21067045	\$5,232,640	\$4,657,640	3/7/13
257	Lexington-Fayette Urban Co Govt	SX21067047	\$13,674,302	\$13,674,302	3/7/13
258	Lexington-Fayette Urban Co Govt	SX21067043	\$10,194,421	\$10,194,421	3/7/13
259	Lexington-Fayette Urban Co Govt	SX21067041	\$31,801,000	\$31,801,000	3/7/13; 6/26/14
260	Lexington-Fayette Urban Co Govt	SX21067006	\$9,100,000	\$6,000,000	3/7/13
261	Pineville, City of	SX21013151	\$2,233,485	\$533,485	4/4/13
262	Regional Water Resource Agency	SX21059014	\$1,538,750	\$1,538,750	5/2/13
263	Oldham Co Env Auth	SX21185052	\$6,650,000	\$6,500,000	5/2/13
264	Lincoln County Sanitation District	SX21137001	\$4,433,000	\$2,000,000	6/19/13
	Total		\$97,513,163	\$87,055,163	
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	\$525,000	\$525,000	3/6/14
268	City of Vanceburg	SX21135009	\$665,000	\$665,000	4/3/14
269	Lexington-Fayette Urban Co Govt	SX21067049	\$19,837,063	\$19,837,063	6/26/14
	Total		\$30,323,765	\$30,303,515	
PROJECTS APPROVED IN SFY 2015					
270	Catlettsburg, City of	SX21019075	\$3,335,000	\$2,485,000	9/4/14
271	Augusta Regional Sewer Auth, Inc.	SX21023010	\$700,000	\$600,000	9/4/14
272	Owensboro, City of	SX21059047	\$3,975,000	\$3,975,000	10/2/14
273	Morganfield, City of	SX21225024	\$2,642,200	\$2,642,200	11/6/14
274	Lexington-Fayette Urban Co Govt	SX21067048	\$71,303,742	\$36,000,000	12/4/14
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	12/4/14
277	Hardinsburg, City of	SX21027021	\$1,279,500	\$1,279,500	2/5/15
278	West Point, City of	SX21093024	\$507,500	\$250,000	2/5/15
279	Barbourville, City of	SX21121133	\$1,856,109	\$1,856,109	4/2/15
280	Harrodsburg, City of	SX21167003	\$21,400,000	\$10,000,000	4/2/15
281	Harrodsburg, City of	SX21167013	\$810,000	\$810,000	4/2/15
282	Mountain Water District	SX21195699	\$3,700,000	\$3,102,921	4/2/15
283	Nicholasville, City of	SX21113027	\$340,980	\$340,980	4/2/15
284	Sanitation District #1	SX21117001	\$3,330,000	\$3,000,000	4/2/15
285	Sanitation District #1	SX21117006	\$2,990,194	\$2,750,194	4/2/15
286	Corbin, City of	SX21235117	\$9,691,600	\$8,684,115	5/7/15
287	Frankfort, City of	SX21073063	\$1,058,000	\$747,041	5/7/15
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	5/7/15
291	Glasgow, City of	SX21009018	\$5,500,000	\$3,500,000	5/7/15
292	Liberty, City of	SX21045002	\$4,156,000	\$4,156,000	5/7/15
	Total		\$150,026,825	\$95,720,060	
GRAND TOTALS - COMMITMENTS					
			\$1,693,593,568	\$1,314,128,738	

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	<u>\$910,506</u>
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 Liberty, City of	\$3,937,950	\$926,445	\$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