



**Board Meeting Booklet**  
**for**  
**May 7th, 2019**

**Kentucky Infrastructure Authority**  
**100 Airport Road, Third Floor**  
**Frankfort, Kentucky 40601-3646**  
**502-573-0260**  
**502-696-0676 fax**  
**<http://kia.ky.gov>**



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**A G E N D A**

**KENTUCKY INFRASTRUCTURE AUTHORITY  
FULL BOARD MEETING  
100 Airport Road, Third Floor  
May 7, 2019, 1:00 P.M.**

**Call to Order:**

Chair Sandra Dunahoo

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

**I. BUSINESS (Board Action Required)**

**II.**

**A. Minutes**

- |   |                         |   |
|---|-------------------------|---|
| 1. Consideration of Approval of the <b>Minutes</b> of the <b>Kentucky Infrastructure Authority Regular Board Meeting of April 4, 2019</b><br><i>(Attachment I.A.1.)</i> | Chair Sandra K. Dunahoo | 7 |
|---|-------------------------|---|

**B. New Projects / Action Items**

- |  |   |    |
|--|---|----|
| 1. Resolution and Order of the Board of Directors for Approval of a <b>Fund A loan (A19-002)</b> in the amount of <b>\$3,106,922</b> to the <b>City of Louisa, Lawrence County, Kentucky (SX21127030)</b><br><i>(Attachment I.B.1.)</i>                        | Mr. Jory Becker, DOW<br>Ms. Meili Sun, KIA    | 17 |
| 2. Resolution and Order of the Board of Directors for Approval of a <b>Fund A loan (A19-012)</b> in the amount of <b>\$861,148</b> to the <b>City of Tompkinsville, Monroe County, Kentucky (SX21171020)</b><br><i>(Attachment I.B.2.)</i>                     | Mr. Jory Becker, DOW<br>Ms. Meili Sun, KIA    | 31 |
| 3. Resolution and Order of the Board of Directors for Approval of a <b>Fund A loan (A19-039)</b> in the amount of <b>\$5,193,000</b> to the <b>Paducah McCracken Joint Sewer Agency, McCracken County, Kentucky (SX21145027)</b><br><i>(Attachment I.B.3.)</i> | Mr. Jory Becker, DOW<br>Ms. Ashley Adams, KIA | 45 |
| 4. Resolution and Order of the Board of Directors for Approval of a <b>Fund A loan (A19-044)</b> in the amount of <b>\$2,476,652</b> to the <b>Paducah McCracken Joint Sewer Agency, McCracken County, Kentucky (SX21145017)</b><br><i>(Attachment I.B.4.)</i> | Mr. Jory Becker, DOW<br>Ms. Ashley Adams, KIA | 59 |
| 5. Resolution and Order of the Board of Directors for Approval of a <b>Fund F loan (F19-041)</b> in the amount of <b>\$3,051,133</b> to the <b>City of South Shore, Greenup County, Kentucky (WX21089101)</b><br><i>(Attachment I.B.5.)</i>                    | Mr. Jory Becker, DOW<br>Ms. Meili Sun, KIA    | 73 |
| 6. Resolution and Order of the Board of Directors for Approval of a <b>Fund F loan (F19-056)</b> in the amount of <b>\$1,000,000</b> to the <b>City of Russell, Greenup County, Kentucky (WX21089011)</b><br><i>(Attachment I.B.6.)</i>                        | Mr. Jory Becker, DOW<br>Ms. Meili Sun, KIA    | 87 |

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<p>7. Resolution and Order of the Board of Directors Authorizing and Approving the Issuance of Obligations of the Kentucky Infrastructure Authority to <b>Reimburse Capital Expenditures</b> made by Governmental Agencies Pursuant to Loans made by the Kentucky Infrastructure Authority to such Governmental Agencies <i>(Attachment I.B.7.)</i></p>	<p>Ms. Meili Sun, KIA</p>	<p>99</p>
<p>8. Resolution and Order of the Board of Directors Authorizing Approval for the <b>Filing of an Application with the United States Environmental Protection Agency</b> for the Federal Fiscal Year 2019 Capitalization Grant for the <b>Drinking Water Revolving Fund</b> <i>(Attachment I.B.8.)</i></p>	<p>Ms. Ashley Adams, KIA</p>	<p>105</p>
<p>9. Resolution and Order of the Board of Directors Authorizing Approval for the <b>Filing of an Application with the United States Environmental Protection Agency</b> for the Federal Fiscal Year 2019 Capitalization Grant for the <b>Wastewater Revolving Fund</b> <i>(Attachment I.B.9.)</i></p>	<p>Ms. Ashley Adams, KIA</p>	<p>109</p>
<p>III. EXECUTIVE DIRECTOR’S REPORT</p>	<p>Ms. Donna McNeil</p>	
<p>IV. ANNOUNCEMENTS/NOTIFICATIONS</p> <p style="padding-left: 40px;">Next KIA Board Meeting: <b>Tuesday, June 11, 2019</b> Kentucky Infrastructure Authority 100 Airport Road, Third Floor, Frankfort</p>	<p>Chair Sandra K. Dunahoo</p>	
<p>V. ADJOURN</p>	<p>Chair Sandra K. Dunahoo</p>	

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**I.A.1.**

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

**Meeting Date/Location:** April 4, 2019 – 1:00 p.m.  
**Kentucky Infrastructure Authority**  
**1024 Capital Center Drive, Suite 340, Frankfort**

**Members present:**

Commissioner Sandra K. Dunahoo, Department for Local Government  
Mr. Mark Bunning, (proxy for Secretary William Landrum), Finance and Administration Cabinet  
Mr. Claude Christensen, representing Kentucky League of Cities  
Mr. Bobby Aldridge (proxy for Secretary Terry Gill), Cabinet for Economic Development  
Ms. Gwen Pinson, Executive Director, Public Service Commission  
Mr. Robert A. Amato, representing Kentucky Municipal Utilities Association  
Mr. Paul Lashbrooke, representing the Kentucky Rural Water Association  
Mr. David A. Voegelé, representing Kentucky Association of Counties

**Members absent:**

Mr. C. Ronald Lovan, representing the American Water Works Association  
Mr. Bruce Scott, (proxy for Secretary Charles Snavely), Energy and Environment Cabinet

**DLG Staff:**

Mr. Larry Brown, Field Representative  
Ms. Kirsten Delamarter, Press Secretary  
Mr. Will Rich, Staff Attorney

**KIA Staff:**

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

**Guests:**

Mr. Scott Althaus, Richmond Utilities  
Mr. Brian Bingham, Louisville/Jefferson County Metropolitan Sewer  
Mr. Robert Blythe, City of Richmond  
Mr. Heath Carlton, City of Hickman  
Ms. Bethany Couch, Office of Financial Management  
Mr. Brad Good, Louisville/Jefferson County Metropolitan Sewer  
Mr. Russell Neal, Division of Water  
Mr. Bob Pickerill, Bell Engineering  
Mr. David Schrader, Bell Engineering  
Mr. Bob Sturdivant, HDR Engineering, Inc.

Ms. Ruth Webb, First Kentucky Securities

## **PROCEEDINGS**

Commissioner Sandra K. Dunahoo, Chair, called the meeting of the Kentucky Infrastructure Authority (KIA) Board to order. She asked Mr. Will Rich, DLG Staff Attorney, to confirm the press notification distribution as well as the presence of a quorum. Guests were asked to introduce themselves.

### **I. BUSINESS (Board Action Required)**

#### **A. 1. APPROVAL OF MINUTES**

**For: KIA Regular Board Meeting of March 7, 2019**

***Mr. Claude Christensen moved to approve the minutes of the March 7, 2019, regular board meeting. Judge David Voegele seconded, and the motion carried unanimously.***

#### **B. NEW PROJECTS/ACTION ITEMS**

#### **1. A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING ISSUANCE OF A CONDITIONAL COMMITMENT FOR ASSUMPTION OF THE CLEAN WATER STATE REVOLVING FUND LOAN (A98-04) IN AN AMOUNT UP TO \$1,103,340 BY THE LOUISVILLE AND JEFFERSON COUNTY METROPOLITAN SEWER DISTRICT, JEFFERSON COUNTY, KENTUCKY FROM THE CITY OF CRESTWOOD, OLDHAM COUNTY, KENTUCKY**

Mr. Russell Neal, DOW and Ms. Ashley Adams, KIA, discussed the Louisville and Jefferson County Metropolitan Sewer District's ("MSD") assumption of a Fund A wastewater loan (A98-04) from the City of Crestwood in Oldham County as part of MSD's acquisition of the Crestwood wastewater system and all of its assets. The original loan to Crestwood included a sewer collection system for the residents of Crestwood and Park Lake which transported waste to MSD's Hite Creek Plant. The original loan was approved by the KIA Board on April 28th, 1998. MSD entered into an Interlocal Agreement with the City of Crestwood on September 3, 1996. Since then MSD has provided operational and maintenance services to Crestwood for wastewater collection and treatment, responded to customer calls, provided billing services, and managed regulatory programs such as the Consent Decree. Kentucky Revised Statutes changed in 2018 allowing for an acquisition of the Crestwood system by MSD. This acquisition is attractive to both parties in order to continue a high level of service while maintaining a competitive billing rate for existing Crestwood customers. For MSD, the acquisition gives MSD the opportunity to provide wastewater services to potential development in the area and achieve greater economies of scale.

***Mr. Bob Amato moved to approve the Louisville and Jefferson County Metropolitan Sewer District's assumption of the City of Crestwood's Fund A Loan (A98-04) for an amount up to \$1,103,340 with the standard conditions. Mr. Claude Christensen seconded and the motion was unanimously approved.***

2. **COMMISSIONER DUNAHOO NOTED THAT THE LOAN THAT WAS ORIGINALLY LISTED AS AGENDA ITEM NUMBER 2 FOR THE OLDHAM COUNTY ENVIRONMENTAL AUTHORITY (OCEA) WOULD NOT BE PRESENTED AT THIS TIME.**

*Mr. Bob Amato moved to table Agenda Item #2 for the Oldham County Environmental Authority. Mr. Paul Lashbrooke seconded and the motion was unanimously approved.*

3. **A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING ISSUANCE OF A CONDITIONAL COMMITMENT FOR A FEDERALLY ASSISTED CLEAN WATER REVOLVING FUND LOAN (A19-050) FOR AN AMOUNT UP TO \$10,142,000 TO THE CITY OF RICHMOND, MADISON COUNTY, KENTUCKY**

Mr. Russell Neal, DOW and Ms. Ashley Adams, KIA, discussed the City of Richmond's request for a Fund A Loan, (A19-050) in an amount up to \$10,142,000 the Silver Creek Outfall Sewer Phase 1 project. The purpose of this project is to eliminate known overflows and provide additional capacity in the collection system for future growth. In 2009, soon after the construction of the Otter Creek Waste Water Treatment Plant (WWTP), two existing WWTP's (Dreaming Creek and Tates Creek) were taken off-line with flows directed to this new large WWTP. The other large WWTP (Silver Creek), was built in the summer of 1999 to treat waste generated on the south side of Richmond, primarily the area along Duncannon Road and the new industrial park. This project will eliminate this Kentucky Pollutant Discharge Elimination System (KPDES) permit and convey flows through the existing conveyance system to the Otter Creek WWTP.

**Division A** - Silver Creek WWTP to Existing Pavilion Force Main The existing Silver Creek WWTP will be used as an equalization basin to store wet weather flows. A new 1,500 gallon per minute (gpm) pump station will be built at the Silver Creek WWTP site along with 14,500 linear feet (lf) of 16 - inch force main that will discharge into an existing 14 – inch force main for approximately 10,500 lf to a point of discharge at the existing Pavilion pump station. The Pavilion pump station will be de-commissioned and all flows will be diverted to the new Taylor Fork gravity Sewer

**Division B** – Taylor Fork Gravity Sewer Flows from the Silver Creek and Pavilion pump stations will be diverted to approximately 3,500 lf of 30 inch, 11,500 lf of 24 inch gravity sewer and approximately 49 manholes along Taylor Fork. This line will discharge into the existing Wilgreen pump station on the west side of Interstate 75.

**Division C** – TC-15 Collector Sewers The TC15 drainage basin of the Richmond Utilities Sanitary Sewer Collection System is subject to frequent wet weather induced overflows at three primary locations: TC15- M4- 11, TC15-M8-18, and TC15-M10-3. This division of the project will replace 47 approximately 1,500 lf of 15 inch and 2,550 lf of 12 inch gravity sewer along with 25 manhole replacements.

**Division D** – Wilgreen Parallel Force Main The existing Wilgreen pump station is capable of pumping a peak flow of approximately 2,500 gpm through the existing 12 inch force main. This project will extend a second 12 inch force main parallel to the existing force main for approximately 4,900 lf. The new force main will add approximately 1,100 gpm of peak capacity to the Wilgreen pump station for a total peak flow of 3,600 gpm. Richmond Water, Gas, and Sewerage Works provides sanitary sewer service to almost 12,000 residential, commercial, and industrial customers in Madison County.

***Mr. Mark Bunning moved to approve the Fund A Loan (A19-050) for an amount up to \$10,142,000 with the standard conditions. Mr. Claude Christian seconded and the motion was unanimously approved.***

**4. A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING ISSUANCE OF A CONDITIONAL COMMITMENT FOR AN INFRASTRUCTURE REVOLVING FUND LOAN (B19-009) FOR AN AMOUNT UP TO \$397,000 TO THE CITY OF HICKMAN, FULTON COUNTY, KENTUCKY**

Ms. Meili Sun, KIA, discussed the City of Hickman's request for a Fund B loan (B19-009) in the amount of \$397,000 for the Water Treatment Plant Modification project. This project will repurpose the currently idle old plant with its basins sitting empty. The scope of work includes installing piping and pumps to utilize the sediment and flocculation basins in the old water treatment plant to add detention time prior to the filters for iron and manganese removal. It will also repair and/or replace the aerators in the existing plant to improve oxidation of iron and manganese.

The purpose of this project is to improve drinking water quality for approximately 1,300 customers while addressing the requirements of an agreed order issued by the Division of Water.

***Mr. Mark Bunning moved to approve the Fund B Loan (B19-009) for an amount up to \$397,000 with the standard conditions and the following special condition: The City shall pass an ordinance by May 31, 2019 to increase both water and sewer rates. The new rates shall raise additional \$58,000 or 8% of the total revenues, effective July 1, 2019. Judge David Voegelé seconded and the motion was unanimously approved.***

**5. A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING ISSUANCE OF A CONDITIONAL COMMITMENT FOR A FEDERALLY ASSISTED DRINKING WATER REVOLVING FUND LOAN (F19-042) FOR AN AMOUNT UP TO \$4,918,257 TO THE CITY OF DANVILLE, BOYLE COUNTY, KENTUCKY**

Mr. Russell Neal, DOW, and Ms. Meili Sun, KIA, discussed the City of Danville's request for a Drinking Water SRF loan (F19-042) in the amount of \$4,918,257 for the Danville – Perryville Standpipe Replacement and Water Main project. The project will replace the 100,000 gallon standpipe on the east side of Perryville with a 750,000 gallon elevated tank, and construct an 800 GPM pump station that will be located on Perryville Road near Locklin Lane. The current standpipe is outdated, undersized, and does not have adequate turnover. The new elevated tank will be fed by approximately 17,500 LF of new 12-inch water main that will start at Coldwell Road and will parallel Perryville Road West to the new tank site. It will provide additional storage capacity to meet both current and future demands.

Approximately 35% (470 million gallons) of water produced by the utility is sold to wholesale customers including four PSC regulated entities (Garrard County Water Association, Lake Village Water Association, Parksville Water District, and North Mercer Water District) and three municipals (City of Hustonville, City of Springfield, and City of Stanford).

***Mr. Claude Christensen moved to approve the Fund F Loan (F19-042) for an amount up to \$4,918,257 with the standard conditions. Mr. Bob Amato seconded and the motion was unanimously approved.***

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

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

<b>BORROWER</b>	<b>FUND</b>	<b>AMOUNT UP TO</b>
Louisville & Jefferson County Metropolitan Sewer District <i>(City of Crestwood Loan Assumption)</i>	A98-04	\$ 1,103,340
<b><i>Oldham County Environmental Authority*</i></b>	<b>A19-022</b>	<b>\$2,944,345</b>
City of Richmond	A19-022	\$ 2,944,345
City of Hickman	B19-009	\$ 397,000
City of Danville	F19-042	\$ 4,918,257

***\*Tabled***

***Ms. Gwen Pinson moved to approve the reimbursement resolution. Mr. Bob Amato seconded and the motion carried unanimously.***

**II. EXECUTIVE DIRECTOR'S REPORT**

Director McNeil directed everyone's attention to the TV monitor. Now available on the WRIS Portal table of the KIA website, is a Dashboard developed by KIA staff member Dustin Horn. There are versions. The first is based on the needs in the state for drinking water and wastewater. Information can be filtered by Area Development District, region, county or even facility. Currently, the needs are documented at \$5 billion. This includes projects moving forward for the next 20 years that are seeking state or federal funding in Kentucky. The numbers are different than those put out on the American Society of Civil Engineers' (ASCE) report card because not all utilities are seeking state or Federal funding. Some of the information gathered by the Area Development Districts is outdated, as demonstrated by this Dashboard. It is so important to keep information up-to-date, especially pertaining to budgeting their projects. The second version is designed to be viewed by phones or tablets. The third version sorts information based on the Senate and House Districts, currently by District Number. A future version plans to include the Senator or Representatives' name for search purposes. Dustin has done a great job and has additional ideas for other Dashboards.

Director McNeil and Jeff Abshire have been working on the six year Capital Plan, which is due to the Capital Plan Advisory Board by April 15<sup>th</sup>. KIA is requesting \$180 million each Biennium that includes \$77.5 million for Federal Capitalization Grants, \$15.5 million for the state match, the authorization to leverage bonds at \$60 million, and a General Fund contribution to Fund B at \$25 million. Staff does not anticipate any bond leveraging, but wants to have the ability to have the authorization should it

be necessary. KIA has historically asked for \$10 million for Fund B, which has not allocated. Of the \$25 million requested from the General Fund for the Fund B program we hope to fund failing package treatment plants for consolidation with public utilities, assisting with water loss and regionalization and promote sustainability. KIA does not have the ability to leverage funds in Fund B funding from the General Fund would provide the opportunity to revolve the funds over time. Jeff will be working on finalizing the plan for submission.

Later this year, KIA will be applying for a new EPA grant regarding small and disadvantaged communities and drinking water program. This program will assist utilities in returning their systems to compliance. Funding can be used for planning and design, construction, technical and managerial compliance, water loss and various other things, but requires the 2 CFR requiring engineering procurement. The state has to provide the match, which is included in the Capital Plan. Congress allocated \$20 million with the WIIN Act in 2016, which is to be available to all the state SRF Funds. Kentucky's allocation is estimated to be \$400,000 to \$750,000 that requires a 45% match. EPA has stated the grant will be available for four years. KIA will have to develop an Intended Use Plan, a Call for Projects and a strategy for how the funding will be used. Director McNeil has inquired to see if water loss projects would be eligible and has not gotten final approval, but feels as if it will be approved. When drafted, the Intended Use Plan will need to be posted and a 30 day public comment period would be applicable.

KIA will be moving their offices beginning the week of April 22<sup>nd</sup>, to 100 Airport Road. Following the move, information will be sent out regarding the new location with directions, parking and security information for future attendance at KIA Board meetings. KIA By-Laws will need to be updated with the new location for meeting location.

Director McNeil, Deputy Director Bridwell and Mr. Jeff Abshire will be attending the Council of Infrastructure Financing Authorities (CIFA) Conference in Washington, DC the week of April 22<sup>nd</sup>. Director McNeil serves as Co-Chair as the EPA State Workgroup Committee.

A replacement for Linda Bridwell's seat on the Board has not been filled at this time, but KIA hopes to have someone in place very soon.

Ms. Sheryl Parsons, Project Officer with EPA Region 4 will be conducting the annual EPA audit during the week of May 20-25<sup>th</sup>.

## **ANNOUNCEMENTS/NOTIFICATIONS**

- Next scheduled KIA board meeting:  
Tuesday, May 7, 2019, 1:00 p.m.  
100 Airport Road, Third Floor  
Frankfort, Kentucky

***There being no further business, Mr. Claude Christensen moved to adjourn. Ms. Gwen Pinson seconded and the motion carried unanimously. The April 7, 2019 meeting of the Board of the Kentucky Infrastructure Authority was adjourned.***

Submitted by:

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

April 11, 2019  
Date

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**A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING ISSUANCE OF A CONDITIONAL COMMITMENT FOR A FEDERALLY ASSISTED CLEAN WATER REVOLVING FUND LOAN (A19-002) FOR AN AMOUNT UP TO \$3,359,566 TO THE CITY OF LOUISA, LAWRENCE 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 Louisa, subject to final determination of amount when the factors involving such financing have been determined; and

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

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

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

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

Section 2. The Authority hereby authorizes the issuance of a conditional Federally Assisted Clean Water Revolving Fund loan for an amount up to \$3,359,566 including permanent financing for planning & design loan A17-023 in the amount of \$232,666 and

\$3,126,900 for construction, and capitalized interest during the construction period, to the City of Louisa for the Inflow & Infiltration Rehab project. Such amounts are subject to adjustment by further action of the Authority or may be adjusted by action of the Executive Director at the time of the issuance of bonds based on adjustment in project costs of not more than (10%) ten percent of the loan amount authorized by this resolution. Upon satisfaction of all conditions of the commitment, execution of an assistance agreement for this loan is authorized.

Section 3. Principal forgiveness of 50% of the assistance amount, not to exceed \$1,000,000 will be credited to the loan balance upon release of liens on all contracts and disbursement of the final draw request by KIA to the borrower. The unforgiven principal balance of \$2,359,566 shall be repaid.

Section 4. The unforgiven principal shall be repayable over 20 years at an interest rate of 0.50%. In addition to debt service, a 0.2% annual administration fee on the unpaid, unforgiven principal balance will be charged. From annual revenues, \$8,300 must be set aside in a borrower held replacement reserve each December 1 until the balance reaches \$166,000 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 7<sup>th</sup> day of May, 2019.

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SANDRA K. DUNAHOO, CHAIR  
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

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MARGARET F. LINK, SECRETARY  
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

---

GREG B. LADD, GENERAL COUNSEL  
DEPARTMENT FOR LOCAL GOVERNMENT



MATTHEW G. BEVIN  
GOVERNOR

CHARLES G. SNAVELY  
SECRETARY

**ENERGY AND ENVIRONMENT CABINET**  
**DEPARTMENT FOR ENVIRONMENTAL PROTECTION**

ANTHONY R. HATTON  
COMMISSIONER

300 SOWER BOULEVARD  
FRANKFORT, KENTUCKY 40601

April 30, 2019

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

Re: A19-002  
Louisa WWTP--2615  
Activity ID: FGL20190003  
Project Name: I&I Rehab

Dear Mrs. McNeil:

The Division of Water (DOW) hereby certifies that the City of Louisa is eligible to receive \$3,126,900.00 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 Louisa's status relative to the Clean Water State Revolving Fund General Conditions is provided below:

1. Project specific environmental information was approved on April 22, 2019.
2. Plans and specifications were to be submitted to DOW on October 26, 2018.
3. Construction bids are expected to be opened on May 31, 2019.

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

Sincerely,

Peter J. Goodmann, Director  
Division of Water

PG/BG:jjm

c: John May, City of Louisa  
Honorable Harold Slone, City of Louisa  
Bob Martin, P&A Engineers & Consultants

<b>EXECUTIVE SUMMARY</b>		Reviewer	Meili Sun	
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		Date	May 7, 2019	
<b>FUND A, FEDERALLY ASSISTED WASTEWATER</b>		KIA Loan Number	A19-002	
<b>REVOLVING LOAN FUND</b>		WRIS Number	SX21127030	
BORROWER	CITY OF LOUISA LAWRENCE COUNTY			
BRIEF DESCRIPTION				
This is the construction portion of the I&I Rehab project that started with a planning and design loan approved on December 1, 2016. In 2009, a Sewer Evaluation Study (SES) was performed on the entire Louisa sewer system that yielded a delineation of three priority zones for rehabilitation. This project will address the downtown area (Zone 1), which is considered to have the oldest infrastructure and is the highest priority for the city. The planning and design portion paid for camera inspection of approximately 23,250 linear feet of sewer line and determined what measures are necessary to address the issues. The construction portion will replace storm sewer along Lock Avenue and Pike Street in downtown Louisa, with intent to separate the combined sewer in parts of the area and eliminate other inflow and infiltration concerns.				
PROJECT FINANCING		PROJECT BUDGET		
Fund A Loan A19-002	\$3,106,922	RD Fee %	Actual %	
P&D A17-023	232,666			
		Administrative Expenses		\$10,000
		Planning		70,387
		Eng - Design / Const	7.2%	6.7%
		Eng - Insp	4.0%	3.6%
		Construction		2,457,420
		Contingency		496,480
TOTAL	\$3,339,588	TOTAL		\$3,339,588
REPAYMENT	Rate	0.50%	Est. Annual Payment	\$127,751
	Term	20 Years	1st Payment	6 Mo. after first draw
PROFESSIONAL SERVICES	Engineer	P&A Engineering and Consulting		
	Bond Counsel	Dinsmore & Shohl, LLP		
PROJECT SCHEDULE	Bid Opening	May-19		
	Construction Start	Jun-19		
	Construction Stop	Jun-20		
DEBT PER CUSTOMER	Existing	\$4,143		
	Proposed	\$5,741		
OTHER DEBT	See Attached			
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>	
	Current	1,857	\$39.05	(for 4,000 gallons)
	Additional	0	\$39.05	(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 2016	794,490	674,381	120,109	1.2
Audited 2017	801,245	675,471	125,774	1.2
Audited 2018	936,477	670,884	265,593	1.4
Projected 2019	980,054	779,224	200,830	1.3
Projected 2020	1,025,388	783,131	242,257	1.3
Projected 2021	1,062,143	879,296	182,848	1.2
Projected 2022	1,111,185	889,367	221,818	1.2
Projected 2023	1,162,185	861,229	300,956	1.3

Reviewer: Meili Sun  
Date: May 7, 2019  
Loan Number: A19-002

**KENTUCKY INFRASTRUCTURE AUTHORITY  
WASTEWATER REVOLVING LOAN FUND (FUND A)  
CITY OF LOUISA, LAWRENCE COUNTY  
PROJECT REVIEW  
SX21127030**

**I. PROJECT DESCRIPTION**

The City of Louisa (“the City”) is requesting a Fund A loan in the amount of \$3,106,922 to fund the construction portion of the Inflow & Infiltration Rehabilitation project. The total project cost is \$3,339,588 including the planning & design loan previously approved on December 1, 2016.

The purpose of this project is to eliminate inflow and infiltration in the Louisa Sewer System by constructing a portion of storm water sewer facilities.

In 2009, a Sewer Evaluation Study (“SSES”) was performed on the entire Louisa Sewer System, which yielded a delineation of three priority zones for rehabilitation. This project will address the downtown area (Zone 1), which is considered to have the oldest infrastructure and is the highest priority of the City. The planning and design portion paid for camera inspection of approximately 23,250 linear feet of sewer line and determined exactly what measures are necessary to address the issues. The construction portion will replace storm sewer along Lock Avenue and Pike Street in downtown Louisa, with intent to separate the combined sewer in parts of the area and eliminate other inflow and infiltration concerns.

By separating the storm sewer from the City’s sanitary sewer, the City will be able to lower the cost of wastewater treatment as well as reduce the risk of sanitary sewer overflow for approximately 1,800 customers within the Lawrence County.

**II. PROJECT BUDGET**

	<u>Total</u>
Administrative Expenses	\$ 10,000
Planning	70,387
Engineering Fees – Design	162,279
Engineering Fees – Construction	36,616
Engineering Fees – Inspection	106,406
Construction	2,457,420
Contingency*	496,480
<b>Total</b>	<b>\$ 3,339,588</b>

\* Contingency is 20% of the construction cost due to uncertainties associated with depth of the line and various requirements that may be imposed by the KYTC.

### III. PROJECT FUNDING

	Amount	%
KIA A17-023 P&D Loan	\$ 232,666	7%
KIA A19-002 Construction Loan	3,106,922	93%
<b>Total</b>	<b>\$ 3,339,588</b>	<b>100%</b>

### IV. KIA DEBT SERVICE

KIA A17-023 P&D Loan	\$ 232,666
KIA A19-002 Construction Loan	3,106,922
Principal Forgiveness	1,000,000
Amortized Loan Amount	\$ 2,339,588
Interest Rate	0.50%
Loan Term	20
Estimated Annual Debt Service	123,072
Administrative Fee (0.20%)	4,679
<b>Total Estimated Annual Debt Service</b>	<b>\$ 127,751</b>

### V. PROJECT SCHEDULE

Bid Opening	May 2019
Construction Start	June 2019
Construction Stop	June 2020

### VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

#### A) Customers

	Current
Residential	1,579
Commercial	278
Industrial	
<b>Total</b>	<b>1,857</b>

**B) Rates**

Date of Increase	Water Inside City			Water Outside City		
	Current 05/01/18	Prior 05/01/17	Prior 07/01/16	Current 05/01/18	Prior 05/01/17	Prior 07/01/16
First 1,000 Gallons	\$17.72	\$17.12	\$16.47	\$23.18	\$22.40	21.55
Next 3,000 Gallons	7.11	6.87	6.61	9.08	8.77	8.44
Cost for 4,000 gallons	\$39.05	\$37.73	\$36.30	\$50.42	\$48.71	\$46.87
Increase %	3.5%	3.9%		3.5%	3.9%	
Affordability Index	1.5%	1.5%	1.4%	2.0%	1.9%	1.8%

Date of Increase	Sewer Inside City			Sewer Outside City		
	Current 05/01/18	Prior 05/01/17	Prior 07/01/16	Current 05/01/18	Prior 05/01/17	Prior 07/01/16
First 1,000 Gallons	\$10.82	\$10.45	10.07	\$11.72	\$11.31	10.90
Next 3,000 Gallons	10.82	10.45	10.07	11.72	11.31	10.90
Cost for 4,000 gallons	\$43.28	\$41.80	\$40.28	\$46.88	\$45.24	\$43.60
Increase %	3.5%	3.8%		3.6%	3.8%	
Affordability Index	1.7%	1.6%	1.6%	1.8%	1.8%	1.7%

A CPI clause was written into the 2012 rate ordinance to automatically adjust both water and sewer rates annually based on the Consumer Price Index.

**VII. DEMOGRAPHICS**

Based on current Census data from the American Community Survey 5-Year Estimate 2012-2016, the Utility's service area population was 3,433 with a Median Household Income (MHI) of \$30,830. The median household income for the Commonwealth is \$44,811. The MHI of the City's service area is below 80% of the state MHI, which qualifies this project for a 0.5% interest rate and \$1,000,000 in principal forgiveness.

Year	Population		County	% Change	County Unemployment	
	City	% Change			Date	Rate
1980	1,832		14,121		June 2005	9.0%
1990	1,990	8.6%	13,998	-0.9%	June 2010	13.9%
2000	2,018	1.4%	15,569	11.2%	June 2015	9.0%
2010	2,467	22.2%	15,860	1.9%	June 2018	8.3%
Current	2,708	9.8%	15,870	0.1%		
Cumulative %		47.8%		12.4%		

**VIII. 2018 CAPITALIZATION GRANT EQUIVALENCIES**

- 1) Green Project Reserve - This project does not qualify for Green Project Reserve (GPR) funding.
- 2) Additional Subsidization – Principal forgiveness of 50% of the assistance amount, not to exceed \$1,000,000, will be credited to the loan balance upon release of liens on all contracts and disbursement of the final draw request by KIA to the borrower.

**IX. FINANCIAL ANALYSIS**

Financial information was obtained from the audited financial statements for the years ended June 30, 2016 through June 30, 2018. The City’s Enterprise Funds account for water & sewer and swimming pool activities. The swimming pool operations are excluded from this analysis. The cash impact of GASB 68 - Accounting and Financial Reporting for Pensions and GASB 75 - Other Postemployment Benefit has been removed from the operating expenses. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

**HISTORY**

Combined water and sewer revenues went up 5.5% from \$2.62 million in 2016 to \$2.77 million in 2018 due to the annual CPI rate increases. Operating expenses increased less than 1% from \$1.83 million to \$1.84 million during the same period. The debt coverage ratio was 1.2, 1.2 and 1.4 for 2016, 2017, and 2018 respectively.

The balance sheet reflects a current ratio of 2.4, debt to equity ratio of 0.8, 67.5 days sales in accounts receivable, and 0.2 months of operating expenses in unrestricted cash.

## PROJECTIONS

Projections are based on the following assumptions:

- 1) Water revenues will grow steadily each year at an estimated 2.7% for CPI adjustments.
- 2) Sewer revenues will increase 3.7% each year based on the historical average of CPI increases. This is projected at a higher rate than the water revenues due to the rate structure of the water customers including wholesale.
- 3) Wholesale water rates to Big Sandy Water District will remain at \$3.06 per 1,000 gallons. However, the Public Service Commission may set new rates as necessary.
- 4) Expenses will increase 2% each year for inflation.
- 5) Debt service coverage is 1.2 in 2022 when full year principal and interest repayments begin.

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

## REPLACEMENT RESERVE

The replacement reserve will be 5% (\$166,000 total) of the final amount borrowed (prior to principal forgiveness, if any) to be funded annually (\$8,300 yearly) each December 1 for 20 years and maintained for the life of the loan.

## X. DEBT OBLIGATIONS

	<u>Outstanding</u>	<u>Maturity</u>
Water Revenues Bonds, Series 1989	\$ 48,260	2029
Water & Sewer Bonds, Series 2002	763,500	2042
Water & Sewer Bonds, Series 2007	362,000	2046
Revenue Bonds, Series 2010D	290,000	2025
KIA Loan C98-02	105,000	2022
KIA Loan A11-02	798,885	2034
KIA Loan F02-06	1,171,091	2024
KIA Loan A209-10	353,850	2030
KIA Loan B08-07	748,344	2033
KIA Loan F10-03	1,299,047	2033
KIA Loan C98-02	151,658	2021
KACO Loan 1BP2017B	1,601,511	2032
KIA Loan F18-018 i.a.o. \$834,430		TBD
<b>Total</b>	<b>\$ 7,693,146</b>	

**XI. CONTACTS**

<b>Legal Applicant</b>	
Name	City of Louisa
Address	215 N Main Cross St Louisa, KY 41230
County	Lawrence
Authorized Official	Harold E Slone
Phone	(606) 638-4050
Email	mayoroflouisa@gmail.com

<b>Project Contact - Applicant</b>	
Name	Jason Helton
Organization	City of Louisa
Address	215 N Main Cross St Louisa, KY 401230
Phone	(606) 638-9322
Email	louisawater@louisawater.com

<b>Project Administrator/Engineer</b>	
Name	Robert S Martin
Organization	P & A Engineering and Consulting
Address	PO Box 279 Louisa, KY 41230
Phone	(606) 673-4413
Email	bmartin@pa-eng.com

**XII. RECOMMENDATIONS**

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

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

	<u>Audited 2016</u>	<u>Audited 2017</u>	<u>Audited 2018</u>	<u>Projected 2019</u>	<u>Projected 2020</u>	<u>Projected 2021</u>	<u>Projected 2022</u>	<u>Projected 2023</u>
<b>Balance Sheet</b>								
<b>Assets</b>								
Current Assets	584,323	697,564	663,056	723,144	786,895	839,265	899,929	976,920
Other Assets	16,863,923	19,239,389	20,808,568	20,008,722	23,818,936	23,313,654	22,839,549	22,428,753
<b>Total</b>	<b>17,448,246</b>	<b>19,936,953</b>	<b>21,471,624</b>	<b>20,731,866</b>	<b>24,605,832</b>	<b>24,152,919</b>	<b>23,739,477</b>	<b>23,405,673</b>
<b>Liabilities &amp; Equity</b>								
Current Liabilities	380,876	339,152	273,966	265,646	267,446	269,246	271,046	272,946
Long Term Liabilities	8,036,359	7,583,201	9,555,724	9,336,775	12,290,110	12,248,354	12,379,752	12,409,620
<b>Total Liabilities</b>	<b>8,417,235</b>	<b>7,922,353</b>	<b>9,829,690</b>	<b>9,602,421</b>	<b>12,557,556</b>	<b>12,517,600</b>	<b>12,650,798</b>	<b>12,682,566</b>
<b>Net Assets</b>	<b>9,031,011</b>	<b>12,014,600</b>	<b>11,641,934</b>	<b>11,129,445</b>	<b>12,048,276</b>	<b>11,635,320</b>	<b>11,088,679</b>	<b>10,723,107</b>
<b>Cash Flow</b>								
Revenues	2,624,401	2,719,469	2,769,819	2,850,109	2,932,890	3,018,241	3,106,243	3,196,982
Operating Expenses	1,832,006	1,920,489	1,835,653	1,872,366	1,909,813	1,958,409	1,997,369	2,037,108
Other Income	2,095	2,265	2,311	2,311	2,311	2,311	2,311	2,311
<b>Cash Flow Before Debt Service</b>	<b>794,490</b>	<b>801,245</b>	<b>936,477</b>	<b>980,054</b>	<b>1,025,388</b>	<b>1,062,143</b>	<b>1,111,185</b>	<b>1,162,185</b>
<b>Debt Service</b>								
Existing Debt Service	674,381	675,471	670,884	779,224	783,131	815,420	761,616	733,478
Proposed KIA Loan	0	0	0	0	0	63,876	127,751	127,751
<b>Total Debt Service</b>	<b>674,381</b>	<b>675,471</b>	<b>670,884</b>	<b>779,224</b>	<b>783,131</b>	<b>879,296</b>	<b>889,367</b>	<b>861,229</b>
<b>Cash Flow After Debt Service</b>	<b>120,109</b>	<b>125,774</b>	<b>265,593</b>	<b>200,830</b>	<b>242,257</b>	<b>182,848</b>	<b>221,818</b>	<b>300,956</b>
<b>Ratios</b>								
Current Ratio	1.5	2.1	2.4	2.7	2.9	3.1	3.3	3.6
Debt to Equity	0.9	0.7	0.8	0.9	1.0	1.1	1.1	1.2
Days Sales in Accounts Receivable	63.7	67.7	67.5	67.5	67.5	67.5	67.5	67.5
Months Operating Expenses in Unrestricted Cash	0.1	0.5	0.2	0.5	0.8	1.0	1.2	1.6
Debt Coverage Ratio	1.2	1.2	1.4	1.3	1.3	1.2	1.2	1.3

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**A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING ISSUANCE OF A CONDITIONAL COMMITMENT FOR A FEDERALLY ASSISTED CLEAN WATER REVOLVING FUND LOAN (A19-012) FOR AN AMOUNT UP TO \$861,148 TO THE CITY OF TOMPKINSVILLE, MONROE 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 Tompkinsville, subject to final determination of amount when the factors involving such financing have been determined; and

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

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

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

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

Section 2. The Authority hereby authorizes the issuance of a conditional Federally Assisted Clean Water Revolving Fund loan for an amount up to \$861,148 of project expense including capitalized interest for the construction period, to the City of

Tompkinsville for the WWTP Expansion & Sanitary Sewer Collection Improvements project. Such amounts are subject to adjustment by further action of the Authority or may be adjusted by action of the Executive Director at the time of the issuance of bonds based on adjustment in project costs of not more than (10%) ten percent of the loan amount authorized by this resolution. Upon satisfaction of all conditions of the commitment, execution of an assistance agreement for this loan is authorized.

Section 3. Principal forgiveness of 50% of the assistance amount, not to exceed \$430,574 will be credited to the loan balance upon release of liens on all contracts and disbursement of the final draw request by KIA to the borrower. The unforgiven principal balance of \$430,574 shall be repaid.

Section 4. The unforgiven principal shall be repayable over 30 years at an interest rate of 0.50%. In addition to debt service, a 0.2% annual administration fee on the unpaid, unforgiven principal balance will be charged. From annual revenues, \$2,200 must be set aside in a borrower held replacement reserve each December 1 until the balance reaches \$44,000 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 7<sup>th</sup> day of May, 2019.

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SANDRA K. DUNAHOO, CHAIR  
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

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MARGARET F. LINK, SECRETARY  
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

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GREG B. LADD, GENERAL COUNSEL  
DEPARTMENT FOR LOCAL GOVERNMENT



MATTHEW G. BEVIN  
GOVERNOR

CHARLES G. SNAVELY  
SECRETARY

**ENERGY AND ENVIRONMENT CABINET**  
**DEPARTMENT FOR ENVIRONMENTAL PROTECTION**

ANTHONY R. HATTON  
COMMISSIONER

300 SOWER BOULEVARD  
FRANKFORT, KENTUCKY 40601

April 24, 2019

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

Re: A19-012 – City of Tompkinsville WWTP Expansion &  
Sanitary Sewer Collection Improvements Project  
Tompkinsville WWTP--3174  
Activity ID: FGL20190003 – Project Eligibility Letter

Dear Mrs. McNeil:

The Division of Water (DOW) hereby certifies that the City of Tompkinsville is eligible to receive \$861,148 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 FY 2019 Intended Use Plan-Project Priority List.

The City of Tompkinsville'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 November 30, 2018.
2. Plans and specifications are expected to be submitted to DOW by May 1, 2019.
3. Construction bids are expected to be opened on September 1, 2019.

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

Sincerely,

Peter J. Goodman, Director  
Division of Water

PG/BG: wa

c: The Honorable Scotty D. Turner,  
Mayor, City of Tompkinsville

Stephen R. Harris, P. E., President  
Precision Engineering, LLC

<b>EXECUTIVE SUMMARY</b>		Reviewer	Meili Sun	
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		Date	May 7, 2019	
<b>FUND A, FEDERALLY ASSISTED WASTEWATER</b>		KIA Loan Number	A19-012	
<b>REVOLVING LOAN FUND</b>		WRIS Number	SX21171020	
BORROWER	CITY OF TOMPKINSVILLE MONROE COUNTY			
BRIEF DESCRIPTION				
This project will convert the existing Tompkinsville Extended Aeration Plant 670,000 GPD AVD to a 1.7 MGD Sequential Batch Reactor (SBR) WWTP. It will also install a new Headwork's facility, replace the existing chlorine disinfection system with a new Ultraviolet (UV) system, rehabilitate approximately 8,750 LF of dilapidated sanitary sewer collection mains, construct approximately 11,600 LF of new HDPE force main to Joe Harrison Carter (JHC) Elementary, install a new lift station at JHC to replace and decommission the JHC Package Treatment Facility, install a new SCADA system which will be connected to the WWTP and all ten lift stations within the City's sewer system, and install VFDs on all lift stations to optimize use and reduce power consumption.				
PROJECT FINANCING		PROJECT BUDGET		
Fund A Loan	\$861,148	Administrative Expenses	RD Fee %	Actual %
CDBG	1,000,000	Planning		
ARC	500,000	Eng - Design / Const	7.6%	7.6%
Monroe Board of Ed	10,000	Eng - Insp	6.1%	6.0%
		Construction		
		Contingency		
TOTAL	\$2,371,148	TOTAL		
REPAYMENT	Rate	0.50%	Est. Annual Payment	\$16,335
	Term	30 Years	1st Payment	6 Mo. after first draw
PROFESSIONAL SERVICES	Engineer	Precision Engineering, LLC		
	Bond Counsel	Dinsmore & Shohl, LLP		
PROJECT SCHEDULE	Bid Opening	Sep-19		
	Construction Start	Oct-19		
	Construction Stop	Jun-20		
DEBT PER CUSTOMER	Existing	\$1,237		
	Proposed	\$1,555		
OTHER DEBT	See Attached			
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>	
	Current	1,038	\$36.55	(for 4,000 gallons)
	Additional	13	\$36.55	(for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.			
CASHFLOW	Cash Flow Before Debt Service	Debt Service	Cash Flow After Debt Service	Coverage Ratio
Audited 2016	313,873	71,900	241,973	4.4
Audited 2017	579,776	125,649	454,127	4.6
Audited 2018	494,588	153,681	340,907	3.2
Projected 2019	495,892	537,960	(42,068)	0.9
Projected 2020	571,570	113,832	457,738	5.0
Projected 2021	541,187	120,615	420,573	4.5
Projected 2022	512,440	90,320	422,120	5.7
Projected 2023	483,118	72,653	410,465	6.6

Reviewer: Meili Sun  
Date: May 7, 2019  
Loan Number: A19-012

**KENTUCKY INFRASTRUCTURE AUTHORITY  
WASTEWATER REVOLVING LOAN FUND (FUND A)  
CITY OF TOMPKINSVILLE, MONROE COUNTY  
PROJECT REVIEW  
SX21171020**

**I. PROJECT DESCRIPTION**

The City of Tompkinsville (“the City”) is requesting a Fund A loan in the amount of \$2,271,148. The purpose of the loan is to improve water quality through the elimination of sewer overflows during rain events.

The City has been experiencing overflows due to dilapidated sanitary sewer collectors and mains throughout the City. These damaged mains allow infiltration and inflow to enter the collection system during wet weather and thus cause health hazards to the public. The project will correct these issues by expanding the existing wastewater treatment plant (“WWTP”) to a sequential batch reactor WWTP with a larger capacity. It will also rehabilitate the first 8,750 LF of old sewer main and install 11,600 LF of new force main with a lift station to eliminate the need for a local package treatment facility. The expansion and rehabilitation work is expected to reduce power consumption by 50%. The savings will provide the City with additional cash flow to fund future projects.

The City is a regional water provider serving approximately 1,200 retail customers and supplying wholesale water to the Monroe County Water District which is a Kentucky Public Service Commission (“PSC”) regulated system. All wholesale water rate adjustments are subject to PSC approval.

**II. PROJECT BUDGET**

	<u>Total</u>
Administrative Expenses	\$ 30,000
Planning	30,000
Engineering Fees – Design	123,120
Engineering Fees – Construction	30,780
Engineering Fees – Inspection	123,000
Construction	1,918,000
Contingency	116,248
<b>Total</b>	<b>\$ 2,371,148</b>

### III. PROJECT FUNDING

	Amount	%
KIA Fund A Loan	\$ 861,148	36%
ARC Grant	500,000	21%
CDBG Grant	1,000,000	42%
Monroe County Board of Education	10,000	1%
<b>Total</b>	<b>\$ 2,371,148</b>	<b>100%</b>

### IV. KIA DEBT SERVICE

Construction Loan	\$ 861,148
Principal Forgiveness (50%)	430,574
Amortized Loan Amount	\$ 430,574
Interest Rate	0.50%
Loan Term (Year)	30
Estimated Annual Debt Service	\$ 15,474
Administrative Fee (0.20%)	861
<b>Annual Debt Service</b>	<b>\$ 16,335</b>

### V. PROJECT SCHEDULE

Bid Opening	September 2019
Construction Start	October 2019
Construction Stop	June 2020

### VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

#### A) Customers

	Current	Proposed	Total
Residential	842	8	850
Commercial	165	3	168
Industrial	31	2	33
<b>Total</b>	<b>1,038</b>	<b>13</b>	<b>1,051</b>

**B) Rates**

	Water & Sewer Inside City		
	Current	Prior	Prior
Date of Last Rate Increase	02/01/19	08/01/17	01/16/16
First 2,000 Gallons			19.00
First 1,000 Gallons	22.00	19.00	
Next 5,000 Gallons			4.75
1,001 Gallons to 3,000 Gallons	4.90	4.90	
3,001 Gallons to 5,000 Gallons	4.75	4.75	
Cost for 4,000 gallons	\$36.55	\$33.55	\$28.50
Increase %	8.9%	17.7%	
Affordability Index (Rate/MHI)	1.5%	1.4%	1.1%

Wholesale per 1,000 Gallons	3.00	3.00	2.25
Increase %	0.00%	33.3%	

	Water & Sewer Outside City		
	Current	Prior	Prior
Date of Last Rate Increase	02/01/19	08/01/17	01/16/16
First 2,000 Gallons			19.00
First 1,000 Gallons	25.00	19.00	
Next 5,000 Gallons			4.75
1,001 Gallons to 3,000 Gallons	7.90	4.90	
3,001 Gallons to 5,000 Gallons	7.75	4.75	
Cost for 4,000 gallons	\$48.55	\$33.55	\$28.50
Increase %	44.7%	17.7%	
Affordability Index (Rate/MHI)	2.0%	1.4%	1.1%

**VII. DEMOGRAPHICS**

Based on current Census data from the American Community Survey 5-Year Estimate 2012-2016, the Utility's service area population was 2,458 with a Median Household Income (MHI) of \$20,809. The median household income for the Commonwealth is \$44,811. The project qualifies for a 0.50% interest rate and \$430,574 in principal forgiveness due to its low MHI.

Year	Population				County Unemployment	
	City	% Change	County	% Change	Date	Rate
1980	4,366		12,353		June 2005	6.0%
1990	2,861	-34.5%	11,401	-7.7%	June 2010	10.7%
2000	2,660	-7.0%	11,756	3.1%	June 2015	4.4%
2010	2,402	-9.7%	10,963	-6.7%	June 2018	4.5%
Current	2,088	-13.1%	10,692	-2.5%		
Cumulative %		-52.2%		-13.4%		

### **VIII. 2018 CAPITALIZATION GRANT EQUIVALENCIES**

- 1) Green Project Reserve - This project does not qualify for Green Project Reserve.
- 2) Additional Subsidization – This project qualifies for additional subsidization. Principal forgiveness of 50% of the assistance amount, not to exceed \$430,574, will be credited to the loan balance upon release of liens on all contracts and disbursement of the final draw request by KIA to the borrower.

### **IX. FINANCIAL ANALYSIS**

Financial information was obtained from the audited financial statements for the years ended June 30, 2016 through June 30, 2018. The non-cash impact of GASB 68, Accounting and Financial Reporting for Pensions, has been removed from the operating expenses. GASB 75 – Other Postemployment Benefits is not applicable to the City’s financial reporting. The South Central Bank note with an outstanding balance of \$82,234 was borrowed to fund a road project but reported under water operations by mistake. The debt service for this note has been excluded from our projections.

#### **HISTORY**

Combined water and sewer revenues went up 25.4% from \$1.46 million in 2016 to \$1.83 million in 2018 due to previously approved rate increases. Operating expenses increased 16.7% from \$1.16 million to \$1.35 million during the same period as a result of insurance costs associated with the new sludge facility and higher treatment costs in an exceptional wet year. The debt coverage ratio was 4.4, 4.6 and 3.2 for 2016, 2017, and 2018 respectively.

The balance sheet reflects a current ratio of 1.1, debt to equity ratio of 0.6, 13.7 days sales in accounts receivable, and 1.7 months of operating expenses in unrestricted cash.

## PROJECTIONS

Projections are based on the following assumptions:

- 1) The City will receive other funding assistances including \$1,000,000 from CDBG, \$500,000 from ARC, and \$10,000 from the Monroe Board of Education to subsidize the total project costs.
- 2) Water revenues will go up 6.7% and sewer revenues up 9% in 2020 based on the approved rate increases effective February 1, 2019.
- 3) The project will add approximately 13 new customers to the system upon completion.
- 4) Expenses will increase 2% each year for inflation.
- 5) Debt service coverage is 4.5 in 2021 when principal and interest repayments begin.

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

## REPLACEMENT RESERVE

The replacement reserve will be 5% (\$44,000 total) of the final amount borrowed (prior to principal forgiveness, if any) to be funded annually (\$2,200 yearly) each December 1 for 20 years and maintained for the life of the loan.

## X. DEBT OBLIGATIONS

	Outstanding	Maturity
GMAC Bonds Series 1986	\$ 54,000	2026
RD Revenues Bonds Series 1998	644,000	2038
South Central Bank Note	179,160	2021
South Central Bank Line of Credit	407,998	2019
<b>Total</b>	<b>\$ 1,285,158</b>	

## XI. CONTACTS

<b>Legal Applicant</b>	
Name	City of Tompkinsville
Address	206 N Magnolia St Tompkinsville, KY 42167
County	Monroe
Authorized Official	Scotty Turner, Mayor
Phone	(270) 487-6776
Email	scotty.turner@tompkinsvilleky.gov

<b>Project Contact - Applicant</b>	
Name	Sharon Walker, City Clerk
Organization	City of Tompkinsville
Address	206 Magnolia St Tompkinsville, KY 42167
Phone	(270) 487-6776
Email	sharon.walker@tompkinsvilleky.gov

<b>Project Administrator</b>	
Name	Katie Ford
Organization	BRADD
Address	177 Graham Ave Bowling Green, KY 42101
Phone	(270) 781-2381
Email	kford@bradd.org

<b>Consulting Engineer</b>	
Name	Stephen R Harris
Firm	Precision Engineering, LLC
Address	1194 Columbia Ave, PO Box 2 Tompkinsville, KY 42167
Phone	(270) 407-5784
Email	steve@precision-engr.com

**XII. RECOMMENDATIONS**

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

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

	<u>Audited 2016</u>	<u>Audited 2017</u>	<u>Audited 2018</u>	<u>Projected 2019</u>	<u>Projected 2020</u>	<u>Projected 2021</u>	<u>Projected 2022</u>	<u>Projected 2023</u>
<b>Balance Sheet</b>								
<b>Assets</b>								
Current Assets	458,485	336,466	403,636	362,652	458,100	542,214	626,638	708,731
Other Assets	5,178,163	5,449,555	6,106,567	5,657,085	8,186,286	8,257,528	8,330,008	8,393,164
<b>Total</b>	<b>5,636,648</b>	<b>5,786,021</b>	<b>6,510,203</b>	<b>6,019,737</b>	<b>8,644,386</b>	<b>8,799,743</b>	<b>8,956,647</b>	<b>9,101,896</b>
<b>Liabilities &amp; Equity</b>								
Current Liabilities	300,332	275,153	359,589	357,122	373,467	338,939	323,538	325,338
Long Term Liabilities	1,193,446	1,597,292	1,968,455	1,853,713	2,188,606	2,128,153	2,083,800	2,038,448
<b>Total Liabilities</b>	<b>1,493,778</b>	<b>1,872,445</b>	<b>2,328,044</b>	<b>2,210,835</b>	<b>2,562,073</b>	<b>2,467,092</b>	<b>2,407,339</b>	<b>2,363,786</b>
<b>Net Assets</b>	<b>4,142,870</b>	<b>3,913,576</b>	<b>4,182,159</b>	<b>3,808,902</b>	<b>6,082,313</b>	<b>6,332,651</b>	<b>6,549,308</b>	<b>6,738,110</b>
<b>Cash Flow</b>								
Revenues	1,457,490	1,749,589	1,828,193	1,856,586	1,959,895	1,959,895	1,959,895	1,959,895
Operating Expenses	1,160,113	1,191,753	1,354,454	1,381,543	1,409,174	1,439,557	1,468,304	1,497,626
Other Income	16,496	21,940	20,849	20,849	20,849	20,849	20,849	20,849
<b>Cash Flow Before Debt Service</b>	<b>313,873</b>	<b>579,776</b>	<b>494,588</b>	<b>495,892</b>	<b>571,570</b>	<b>541,187</b>	<b>512,440</b>	<b>483,118</b>
<b>Debt Service</b>								
Existing Debt Service	71,900	125,649	153,681	537,960	113,832	112,447	73,985	56,318
Proposed KIA Loan	0	0	0	0	0	8,168	16,335	16,335
<b>Total Debt Service</b>	<b>71,900</b>	<b>125,649</b>	<b>153,681</b>	<b>537,960</b>	<b>113,832</b>	<b>120,615</b>	<b>90,320</b>	<b>72,653</b>
<b>Cash Flow After Debt Service</b>	<b>241,973</b>	<b>454,127</b>	<b>340,907</b>	<b>(42,068)</b>	<b>457,738</b>	<b>420,573</b>	<b>422,120</b>	<b>410,465</b>
<b>Ratios</b>								
Current Ratio	1.5	1.2	1.1	1.0	1.2	1.6	1.9	2.2
Debt to Equity	0.4	0.5	0.6	0.6	0.4	0.4	0.4	0.4
Days Sales in Accounts Receivable	17.5	16.8	13.7	13.7	13.7	13.7	13.7	13.7
Months Operating Expenses in Unrestricted Cash	2.4	1.1	1.7	1.3	2.0	2.7	3.3	3.9
Debt Coverage Ratio	4.4	4.6	3.2	0.9	5.0	4.5	5.7	6.6

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**A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING ISSUANCE OF A CONDITIONAL COMMITMENT FOR A FEDERALLY ASSISTED CLEAN WATER REVOLVING FUND A LOAN (A19-039) FOR AN AMOUNT UP TO \$5,193,000 TO THE PADUCAH McCracken COUNTY JOINT SEWER AGENCY, 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 Clean Water Revolving Loan Program (Fund A) with the Paducah McCracken County Joint Sewer Agency, subject to final determination of amount when the factors involving such financing have been determined; and

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

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

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

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

Section 2. The Authority hereby authorizes the issuance of a conditional Federally Assisted Clean Water Revolving Fund A loan for an amount up to \$5,193,000 of project

expense including capitalized interest for the construction period, to the Paducah McCracken County Joint Sewer Agency for the Perkins/Crooked Creek Wet Weather Tank Project. Such amounts are subject to adjustment by further action of the Authority or may be adjusted by action of the Executive Director at the time of the issuance of bonds based on adjustment in project costs of not more than ten percent (10%) of the loan amount authorized by this resolution. Upon satisfaction of all conditions of the commitment, execution of an assistance agreement for this loan is authorized.

Section 3. The loan shall be repayable over 20 years at an interest rate of 2.0%. In addition to debt service, a 0.2% annual administration fee on the unpaid loan balance will be charged. There is no annual reserve requirement. 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 7<sup>th</sup> day of May, 2019.

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SANDRA K. DUNAHOO, CHAIR  
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

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MARGARET F. LINK, SECRETARY  
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

---

GREG B. LADD, GENERAL COUNSEL  
DEPARTMENT FOR LOCAL GOVERNMENT



MATTHEW G. BEVIN  
GOVERNOR

CHARLES G. SNAVELY  
SECRETARY

**ENERGY AND ENVIRONMENT CABINET**  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

ANTHONY R. HATTON  
COMMISSIONER

300 SOWER BOULEVARD  
FRANKFORT, KENTUCKY 40601

April 25, 2019

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

Re: A19-039  
Paducah WWTP--3062  
Activity ID: FGL20190003

Dear Mrs. McNeil:

The Division of Water (DOW) hereby certifies that the Paducah McCracken Co Joint Sewer is eligible to receive \$5,193,000.00 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 Paducah McCracken Co Joint Sewer'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 2019.
2. Plans and specifications are expected to be submitted to DOW in June 2019.
3. Construction bids are expected to be opened in July 2019.

Upon compliance with the general conditions, the DOW will issue a final project certification prior to authorizing the loan agreement. A preconstruction and project management conference with the DOW must be held prior to commencement of construction. If you have any questions concerning this letter, please contact Krystal Harrod, Project Manager, at (502) 782-6968.

Sincerely,

Peter T. Goodmann, Director  
Division of Water

PG/BG:kh

c: Mr. John C Hodges  
GRW, Inc.



<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>FUND A, FEDERALLY ASSISTED WASTEWATER</b> <b>REVOLVING LOAN FUND</b>		Reviewer Date KIA Loan Number WRIS Number	Ashley Adams May 7, 2019 A19-039 SX21145027	
BORROWER		PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY MCCRACKEN COUNTY		
BRIEF DESCRIPTION This project will capture excess wet weather flows near the intersection of the Cooked Creek and Perkins Creek sanitary sewer interceptors, eliminating a sanitary sewer overflow. Work will include a segment of gravity sewer, a diversion structure, a lift station, and a 3 million gallon above ground concrete storage tank. This project is in accordance with the sanitary sewer overflow plan to help assuage the system's Consent Decree (CWA-04-2008-4756).				
PROJECT FINANCING		PROJECT BUDGET		
Fund A Loan	\$5,193,000	RD Fee %	Actual %	
			10,000	
			250,000	
		6.8%	6.2%	
			280,000	
		3.6%	1.8%	
			80,000	
			25,000	
			4,000,000	
			523,000	
			25,000	
TOTAL	\$5,193,000	TOTAL	\$5,193,000	
REPAYMENT	Rate Term	2.00% 20 Years	Est. Annual Payment 1st Payment 6 Mo. after first draw	
			\$326,698	
PROFESSIONAL SERVICES	Engineer Bond Counsel	GRW Engineers, Inc Dinsmore & Shohl, LLP		
PROJECT SCHEDULE	Bid Opening Construction Start Construction Stop	Jul-19 Oct-19 Oct-20		
DEBT PER CUSTOMER	Existing Proposed	\$1,210 \$1,976		
OTHER DEBT	See Attached			
OTHER STATE-FUNDED PROJECTS LAST 5 YRS	See Attached			
RESIDENTIAL RATES	Current Additional	Users 18,708 0	Avg. Bill \$23.32 (for 4,000 gallons) \$23.32 (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 2016	3,085,407	1,375,321	1,710,086	2.2
Audited 2017	3,395,483	1,556,594	1,838,889	2.2
Audited 2018	4,774,436	1,604,158	3,170,278	3.0
Projected 2019	4,685,349	1,606,436	3,078,913	2.9
Projected 2020	4,594,481	1,647,225	2,947,256	2.8
Projected 2021	4,501,795	2,548,783	1,953,012	1.8
Projected 2022	4,407,256	2,711,990	1,695,266	1.6
Projected 2023	4,310,826	2,710,943	1,599,883	1.6

Reviewer: Ashley Adams  
 Date: May 7, 2019  
 Loan Number: A19-039

**KENTUCKY INFRASTRUCTURE AUTHORITY  
 WASTEWATER REVOLVING LOAN FUND (FUND A)  
 PADUCAH McCRACKEN JOINT SEWER AGENCY,  
 McCRACKEN COUNTY  
 PROJECT REVIEW  
 SX21145027**

**I. PROJECT DESCRIPTION**

The Paducah McCracken Joint Sewer Agency is requesting a Fund A loan in the amount of \$5,193,000 for the Perkins/Crooked Creek Wet Weather Tank project. This project will capture excess wet weather flows near the intersection of the Crooked Creek and Perkins Creek sanitary sewer interceptors, eliminating a sanitary sewer overflow and improving water quality. Construction will include a 3.0 million gallon above ground concrete storage tank, associated site improvements, and infrastructure to convey wet weather flows to/from the proposed storage tank. Additional infrastructure will include: a 5.0 million gallon a day (MGD) pump station, an influent diversion structure, an effluent flow control structure, approximately 400 linear feet of 24” sanitary sewer, and approximately 1,000 linear feet of 18” sanitary sewer. Electrical work and controls for the pump station and tank effluent flow control structure are also included. This project is in accordance with the sanitary sewer overflow plan to help comply with the system's Consent Decree (CWA-04-2008-4756).

The Paducah McCracken Joint Sewer Agency serves over 18,700 customers in the City of Paducah and McCracken County.

**II. PROJECT BUDGET**

	<u>Total</u>
Legal Expenses	\$ 10,000
Land, Easements	250,000
Engineering Fees - Design	220,000
Engineering Fees - Construction	60,000
Engineering Fees - Inspection	80,000
Engineering Fees - Other	25,000
Construction	4,000,000
Contingency	523,000
Other	25,000
<b>Total</b>	<b>\$ 5,193,000</b>

### III. PROJECT FUNDING

	<u>Amount</u>	<u>%</u>
Fund A Loan	\$ 5,193,000	100%
<b>Total</b>	<b>\$ 5,193,000</b>	<b>100%</b>

### IV. KIA DEBT SERVICE

Construction Loan	\$ 5,193,000	
Less: Principal Forgiveness		0
Amortized Loan Amount	\$ 5,193,000	
Interest Rate		2.00%
Loan Term (Years)		20
Estimated Annual Debt Service	\$ 316,312	
Administrative Fee (0.20%)		10,386
<b>Total Estimated Annual Debt Service</b>	<b>\$ 326,698</b>	

### V. PROJECT SCHEDULE

Bid Opening	July 2019
Construction Start	October 2019
Construction Stop	October 2020

### VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

#### A) Customers

	<u>Current</u>
Residential/Commercial/Industrial	18,708
<b>Total</b>	<b>18,708</b>

#### B) Rates

	<u>Current</u>	<u>Prior</u>
Date of Last Rate Increase	07/01/17	03/01/16
Minimum (3,000 gallons)	\$ 17.49	\$ 15.45
Over 3,000 gallons (per 1,000)	5.83	5.15
<b>Cost for 4,000 gallons</b>	<b>\$ 23.32</b>	<b>\$ 20.60</b>
Increase %	13.2%	
Affordability Index (Rate/MHI)	0.8%	

## VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2012-2016, the Utility's service area population was 34,452 with a Median Household Income (MHI) of \$36,678. The median household income for the Commonwealth is \$44,811. The project will qualify for a 2.0% interest rate based on the Utility's MHI and Agreed Order.

Year	Population		County	% Change	County Unemployment	
	City	% Change			Date	Rate
1980	29,315		61,310		June 2005	6.3%
1990	27,256	-7.0%	62,879	2.6%	June 2010	9.0%
2000	26,307	-3.5%	65,514	4.2%	June 2015	5.8%
2010	25,024	-4.9%	65,565	0.1%	June 2018	6.3%
Current	25,010	-0.1%	65,292	-0.4%		
Cumulative %		-14.7%		6.5%		

## VIII. 2018 CAPITALIZATION GRANT EQUIVALENCIES

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

## IX. FINANCIAL ANALYSIS

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

### HISTORY

Revenues increased 23% from \$7.4 million in 2016 to \$9.1 million in 2018. The revenue increase was driven by rate increases for the utility in both 2016 and 2017. Expenses increased 3% from \$4.3 million in 2016 to \$4.5 million in 2018. Debt coverage was 2.2 in both 2016 and 2017 and 3.0 in 2018.

The 2018 balance sheet reflects a current ratio of 7.1, a debt to equity ratio of 0.5, 21 days sales in accounts receivable, and 13.1 months operating expenses in unrestricted cash.

## PROJECTIONS

Projections are based on the following assumptions:

- 1) Revenues will stay flat for both volume and growth and reflect all currently planned rate increases. The utility has a CPI clause that states they may adjust rates based on CPI-U each April although no CPI assumptions for revenue growth were factored into this analysis.
- 2) Expenses will increase 2% annually for inflation.
- 3) This analysis includes debt service for both A19-039 as well as A19-044 (\$482 thousand is the current combined estimate).
- 4) Debt service coverage is 1.6 in 2022 when full principal and interest repayments begin.

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

## REPLACEMENT RESERVE

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

## X. DEBT OBLIGATIONS

	<u>Outstanding Maturity</u>	
Sewer Revenue Bonds (Series 2012)	\$ 4,008,000	2051
Sewer Revenue Bonds (Series 2014)	3,530,000	2031
KIA Loan A03-01	408,049	2023
KIA Loan A03-08	521,375	2026
KIA Loan A04-03	338,746	2025
KIA Loan A08-01	919,471	2029
KIA Loan A09-02	4,801,797	2033
KIA Loan A12-08	6,429,869	2035
KIA Loan A16-072 i/a/o \$2,385,000	1,678,017	TBD
KIA Loan A17-033 i/a/o \$9,100,000	0	TBD
KIA Loan A18-022 i/a/o \$625,000	0	TBD
KIA Loan A19-044 i/a/o \$2,476,652	0	TBD
<b>Total</b>	<b>\$ 22,635,323</b>	

## **XI. CONTACT**

### **Legal Applicant**

Entity Name	Paducah McCracken County Joint Sewer Agency
Authorized Official	Justin Hancock (Board Chairman)
County	McCracken
Email	justin@hancocks-paducah.com
Phone	(270) 575-0056
Address	621 Northview St Paducah, KY 42001

### **Applicant Contact**

Name	John Hodges
Organization	Paducah McCracken County Joint Sewer Agency
Email	jhodges@jointsewer.com
Phone	270-575-0056
Address	621 Northview St Paducah, KY 42001

### **Project Administrator**

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

### **Consulting Engineer**

PE Name	Tyler Bridges
Firm Name	GRW Engineers, Inc.
Email	tbridges@grwinc.com
Phone	859-489-8484
Address	9710 Bunsen Pkwy Louisville, KY 40299

## **XII. RECOMMENDATIONS**

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

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

	<u>Audited 2016</u>	<u>Audited 2017</u>	<u>Audited 2018</u>	<u>Projected 2019</u>	<u>Projected 2020</u>	<u>Projected 2021</u>	<u>Projected 2022</u>	<u>Projected 2023</u>
<b>Balance Sheet</b>								
<b>Assets</b>								
Current Assets	13,992,586	13,850,539	12,978,262	13,286,107	13,580,833	13,776,134	13,945,661	14,105,649
Other Assets	67,910,623	68,436,117	72,089,951	75,762,676	85,815,865	87,192,758	85,741,179	84,203,756
<b>Total</b>	<b>81,903,209</b>	<b>82,286,656</b>	<b>85,068,213</b>	<b>89,048,783</b>	<b>99,396,698</b>	<b>100,968,892</b>	<b>99,686,840</b>	<b>98,309,405</b>
<b>Liabilities &amp; Equity</b>								
Current Liabilities	2,581,348	2,561,594	1,831,780	1,840,638	1,896,576	2,326,936	2,365,825	2,405,315
Long Term Liabilities	23,890,401	24,573,136	26,720,572	27,995,144	36,787,275	37,756,594	36,099,924	34,413,364
<b>Total Liabilities</b>	<b>26,471,749</b>	<b>27,134,730</b>	<b>28,552,352</b>	<b>29,835,782</b>	<b>38,683,851</b>	<b>40,083,530</b>	<b>38,465,749</b>	<b>36,818,679</b>
<b>Net Assets</b>	<b>55,431,460</b>	<b>55,151,926</b>	<b>56,515,861</b>	<b>59,213,001</b>	<b>60,712,847</b>	<b>60,885,362</b>	<b>61,221,091</b>	<b>61,490,726</b>
<b>Cash Flow</b>								
Revenues	7,407,866	7,948,802	9,142,934	9,142,934	9,142,934	9,142,934	9,142,934	9,142,934
Operating Expenses	4,337,519	4,569,420	4,454,330	4,543,417	4,634,285	4,726,971	4,821,510	4,917,940
Other Income	15,060	16,101	85,832	85,832	85,832	85,832	85,832	85,832
<b>Cash Flow Before Debt Service</b>	<b>3,085,407</b>	<b>3,395,483</b>	<b>4,774,436</b>	<b>4,685,349</b>	<b>4,594,481</b>	<b>4,501,795</b>	<b>4,407,256</b>	<b>4,310,826</b>
<b>Debt Service</b>								
Existing Debt Service	1,375,321	1,556,594	1,604,158	1,606,436	1,647,225	2,229,625	2,229,483	2,228,436
Proposed KIA Loan A19-044	0	0	0	0	0	155,809	155,809	155,809
Proposed KIA Loan A19-039	0	0	0	0	0	163,349	326,698	326,698
<b>Total Debt Service</b>	<b>1,375,321</b>	<b>1,556,594</b>	<b>1,604,158</b>	<b>1,606,436</b>	<b>1,647,225</b>	<b>2,548,783</b>	<b>2,711,990</b>	<b>2,710,943</b>
<b>Cash Flow After Debt Service</b>	<b>1,710,086</b>	<b>1,838,889</b>	<b>3,170,278</b>	<b>3,078,913</b>	<b>2,947,256</b>	<b>1,953,012</b>	<b>1,695,266</b>	<b>1,599,883</b>
<b>Ratios</b>								
Current Ratio	5.4	5.4	7.1	7.2	7.2	5.9	5.9	5.9
Debt to Equity	0.5	0.5	0.5	0.5	0.6	0.7	0.6	0.6
Days Sales in Accounts Receivable	24.4	19.4	21.0	21.0	21.0	21.0	21.0	21.0
Months Operating Expenses in Unrestricted Cash	15.8	17.2	13.1	13.6	14.1	14.3	14.5	14.6
Debt Coverage Ratio	2.2	2.2	3.0	2.9	2.8	1.8	1.6	1.6

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**A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING ISSUANCE OF A CONDITIONAL COMMITMENT FOR A FEDERALLY ASSISTED CLEAN WATER REVOLVING FUND A LOAN (A19-044) FOR AN AMOUNT UP TO \$2,476,652 TO THE PADUCAH McCracken COUNTY JOINT SEWER AGENCY, 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 Clean Water Revolving Loan Program (Fund A) with the Paducah McCracken County Joint Sewer Agency, subject to final determination of amount when the factors involving such financing have been determined; and

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

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

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

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

Section 2. The Authority hereby authorizes the issuance of a conditional Federally Assisted Clean Water Revolving Fund A loan for an amount up to \$2,476,652 of project

expense including capitalized interest for the construction period, to the Paducah McCracken County Joint Sewer Agency for the Massac Creek Phase III Project. Such amounts are subject to adjustment by further action of the Authority or may be adjusted by action of the Executive Director at the time of the issuance of bonds based on adjustment in project costs of not more than ten percent (10%) of the loan amount authorized by this resolution. Upon satisfaction of all conditions of the commitment, execution of an assistance agreement for this loan is authorized.

Section 3. The loan shall be repayable over 20 years at an interest rate of 2.0%. In addition to debt service, a 0.2% annual administration fee on the unpaid loan balance will be charged. There is no annual reserve requirement. 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 7<sup>th</sup> day of May, 2019.

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SANDRA K. DUNAHOO, CHAIR  
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

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MARGARET F. LINK, SECRETARY  
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

---

GREG B. LADD, GENERAL COUNSEL  
DEPARTMENT FOR LOCAL GOVERNMENT



MATTHEW G. BEVIN  
GOVERNOR

CHARLES G. SNAVELY  
SECRETARY

**ENERGY AND ENVIRONMENT CABINET**  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

ANTHONY R. HATTON  
COMMISSIONER

300 SOWER BOULEVARD  
FRANKFORT, KENTUCKY 40601

April 26, 2019

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

Re: A19-044  
Paducah WWTP--3062  
Activity ID: FGL20190011

Dear Mrs. McNeil:

The Division of Water (DOW) hereby certifies that the Paducah McCracken Co Joint Sewer is eligible to receive \$2,476,652.00 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 Paducah McCracken Co Joint Sewer'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 2019.
2. Plans and specifications are expected to be submitted to DOW in June 2019.
3. Construction bids are expected to be opened in July 2019.

Upon compliance with the general conditions, the DOW will issue a final project certification prior to authorizing the loan agreement. A preconstruction and project management conference with the DOW must be held prior to commencement of construction. If you have any questions concerning this letter, please contact Krystal Harrod, Project Manager, at (502) 782-6968.

Sincerely,



Peter T. Goodman, Director  
Division of Water

PG/BG:kh

c: Mr. John C Hodges  
HDR, Inc.

<b>EXECUTIVE SUMMARY</b>		Reviewer	Ashley Adams	
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		Date	May 7, 2019	
<b>FUND A, FEDERALLY ASSISTED WASTEWATER</b>		KIA Loan Number	A19-044	
<b>REVOLVING LOAN FUND</b>		WRIS Number	SX21145017	
<b>BORROWER</b>	PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY MCCRACKEN COUNTY			
<b>BRIEF DESCRIPTION</b>				
The project's primary goal is to offload dry and wet weather flows from the Perkins Creek Interceptor to the Massac Creek Interceptor. This will be achieved by adding an additional pump to the Ross Lift Station. Additional improvements to the Ross Lift station include an emergency generator. Approximately 8,300 LF of gravity sewer will be constructed along with 2,700 LF of forcemain. As part of the project, four existing lift stations will be decommissioned. This project will help achieve compliance with Paducah JSA's consent decree, CWA-04-2008-4756.				
<b>PROJECT FINANCING</b>		<b>PROJECT BUDGET</b>		
Fund A Loan	\$2,476,652	RD Fee %	Actual %	
				10,000
				57,000
		7.6%	8.2%	163,860
		4.6%	4.2%	84,000
				1,750,000
				260,000
				100,000
<b>TOTAL</b>	<b>\$2,476,652</b>	<b>TOTAL</b>		<b>\$2,476,652</b>
<b>REPAYMENT</b>	Rate	2.00%	Est. Annual Payment \$155,809	
	Term	20 Years	1st Payment	6 Mo. after first draw
<b>PROFESSIONAL SERVICES</b>	Engineer	HDR Engineering		
	Bond Counsel	Dinsmore & Shohl, LLP		
<b>PROJECT SCHEDULE</b>	Bid Opening	Jul-19		
	Construction Start	Aug-19		
	Construction Stop	Mar-20		
<b>DEBT PER CUSTOMER</b>	Existing	\$1,210		
	Proposed	\$1,901		
<b>OTHER DEBT</b>	See Attached			
<b>OTHER STATE-FUNDED PROJECTS LAST 5 YRS</b>	See Attached			
<b>RESIDENTIAL RATES</b>		<u>Users</u>	<u>Avg. Bill</u>	
	Current	18,708	\$23.32 (for 4,000 gallons)	
	Additional	0	\$23.32 (for 4,000 gallons)	
<b>REGIONAL COORDINATION</b>	This project is consistent with regional planning recommendations.			
<b>CASHFLOW</b>	Cash Flow Before Debt Service	Debt Service	Cash Flow After Debt Service	Coverage Ratio
Audited 2016	3,085,407	1,375,321	1,710,086	2.2
Audited 2017	3,395,483	1,556,594	1,838,889	2.2
Audited 2018	4,774,436	1,604,158	3,170,278	3.0
Projected 2019	4,685,349	1,606,436	3,078,913	2.9
Projected 2020	4,594,481	1,647,225	2,947,256	2.8
Projected 2021	4,501,795	2,548,783	1,953,012	1.8
Projected 2022	4,407,256	2,711,990	1,695,266	1.6
Projected 2023	4,310,826	2,710,943	1,599,883	1.6

Reviewer: Ashley Adams  
Date: May 7, 2019  
Loan Number: A19-044

**KENTUCKY INFRASTRUCTURE AUTHORITY  
WASTEWATER REVOLVING LOAN FUND (FUND A)  
PADUCAH McCracken JOINT SEWER AGENCY,  
McCracken COUNTY  
PROJECT REVIEW  
SX21145017**

**I. PROJECT DESCRIPTION**

The Paducah McCracken Joint Sewer Agency (JSA) is requesting a Fund A loan in the amount of \$2,476,652 for the Massac Creek Phase III project. The project's primary goal is to improve water quality and eliminate sewer overflows by offloading dry and wet weather flows from the Perkins Creek Interceptor to the Massac Creek Interceptor. The Massac Creek Interceptor is served by a 6 million gallon per day pump station with adequate capacity to handle the diverted flows. By diverting this flow, wet weather flow impacts on the Perkins Creek interceptor will be reduced and the interceptor will regain additional dry weather capacity for continued growth and development of McCracken County. In addition, the Ross Lift Station will be upgraded for more pumping capacity, which the Perkins Creek Interceptor cannot handle during wet weather. Additional improvements to the Ross Lift station include an emergency generator. The rehabilitation of the Ross Lift Station will eliminate the sanitary sewer overflow associated with the station, which is included in Paducah JSA's Consent Judgment with Kentucky Division of Water. The project requires timely completion due to time constraints related to the JSA's sanitary sewer overflow plan. The project also includes 8,300 LF of new gravity sewer and 2,700 LF of new force main to be constructed in addition to the decommissioning of four existing lift stations.

The Paducah McCracken Joint Sewer Agency serves over 18,700 customers in the City of Paducah and McCracken County.

## II. PROJECT BUDGET

	<u>Total</u>
Legal Expenses	\$ 10,000
Land, Easements	57,000
Planning	22,192
Engineering Fees - Design	133,260
Engineering Fees - Construction	30,600
Engineering Fees - Inspection	84,000
Engineering Fees - Other	29,600
Construction	1,750,000
Contingency	260,000
Other	100,000
<b>Total</b>	<b>\$ 2,476,652</b>

## III. PROJECT FUNDING

	<u>Amount</u>	<u>%</u>
Fund A Loan	\$ 2,476,652	100%
<b>Total</b>	<b>\$ 2,476,652</b>	<b>100%</b>

## IV. KIA DEBT SERVICE

Construction Loan	\$ 2,476,652
Less: Principal Forgiveness	<u>0</u>
Amortized Loan Amount	\$ 2,476,652
Interest Rate	2.00%
Loan Term (Years)	<u>20</u>
Estimated Annual Debt Service	\$ 150,856
Administrative Fee (0.20%)	<u>4,953</u>
<b>Total Estimated Annual Debt Service</b>	<b>\$ 155,809</b>

## V. PROJECT SCHEDULE

Bid Opening	July 2019
Construction Start	August 2019
Construction Stop	March 2020

## VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

### A) Customers

	<u>Current</u>
Residential/Commercial/Industrial	18,708
<b>Total</b>	<b>18,708</b>

### B) Rates

	<u>Current</u>	<u>Prior</u>
Date of Last Rate Increase	07/01/17	03/01/16
Minimum (3,000 gallons)	\$ 17.49	\$ 15.45
Over 3,000 gallons (per 1,000)	5.83	5.15
<b>Cost for 4,000 gallons</b>	<b>\$ 23.32</b>	<b>\$ 20.60</b>
Increase %	13.2%	
Affordability Index (Rate/MHI)	0.8%	

## VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2012-2016, the Utility's service area population was 34,452 with a Median Household Income (MHI) of \$36,678. The median household income for the Commonwealth is \$44,811. The project will qualify for a 2.0% interest rate based on the Utility's MHI and Agreed Order.

Year	Population		County	% Change	County Unemployment	
	City	% Change			Date	Rate
1980	29,315		61,310		June 2005	6.3%
1990	27,256	-7.0%	62,879	2.6%	June 2010	9.0%
2000	26,307	-3.5%	65,514	4.2%	June 2015	5.8%
2010	25,024	-4.9%	65,565	0.1%	June 2018	6.3%
Current	25,010	-0.1%	65,292	-0.4%		
Cumulative %		-14.7%		6.5%		

## VIII. 2018 CAPITALIZATION GRANT EQUIVALENCIES

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

## **IX. FINANCIAL ANALYSIS**

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

### **HISTORY**

Revenues increased 23% from \$7.4 million in 2016 to \$9.1 million in 2018. The revenue increase was driven by rate increases for the utility in both 2016 and 2017. Expenses increased 3% from \$4.3 million in 2016 to \$4.5 million in 2018. Debt coverage was 2.2 in both 2016 and 2017 and 3.0 in 2018.

The 2018 balance sheet reflects a current ratio of 7.1, a debt to equity ratio of 0.5, 21 days sales in accounts receivable, and 13.1 months operating expenses in unrestricted cash.

### **PROJECTIONS**

Projections are based on the following assumptions:

- 1) Revenues will stay flat for both volume and growth and reflect all currently planned rate increases. The utility has a CPI clause that states they may adjust rates based on CPI-U each April although no CPI assumptions for revenue growth were factored into this analysis.
- 2) Expenses will increase 2% annually for inflation.
- 3) This analysis includes debt service for both A19-039 as well as A19-044 (\$482 thousand is the current combined estimate).
- 4) Debt service coverage is 1.6 in 2022 when full principal and interest repayments begin.

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

### **REPLACEMENT RESERVE**

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

**X. DEBT OBLIGATIONS**

	<u>Outstanding Maturity</u>	
Sewer Revenue Bonds (Series 2012)	\$ 4,008,000	2051
Sewer Revenue Bonds (Series 2014)	3,530,000	2031
KIA Loan A03-01	408,049	2023
KIA Loan A03-08	521,375	2026
KIA Loan A04-03	338,746	2025
KIA Loan A08-01	919,471	2029
KIA Loan A09-02	4,801,797	2033
KIA Loan A12-08	6,429,869	2035
KIA Loan A16-072 i/a/o \$2,385,000	1,678,017	TBD
KIA Loan A17-033 i/a/o \$9,100,000	0	TBD
KIA Loan A18-022 i/a/o \$625,000	0	TBD
KIA Loan A19-039 i/a/o \$5,193,000	0	TBD
<b>Total</b>	<b>\$ 22,635,323</b>	

**XI. CONTACTS**

<b>Legal Applicant</b>	
Entity Name	Paducah McCracken County Joint Sewer Agency
Authorized Official	Justin Hancock (Board Chairman)
County	McCracken
Email	justin@hancocks-paducah.com
Phone	(270) 575-0056
Address	621 Northview St Paducah, KY 42001

<b>Applicant Contact</b>	
Name	John Hodges
Organization	Paducah McCracken County Joint Sewer Agency
Email	jhodges@jointsewer.com
Phone	270-575-0056
Address	621 Northview St Paducah, KY 42001

**Project Administrator**

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

**Consulting Engineer**

PE Name	Michael Alan Hansen
Firm Name	HDR Engineering
Email	mike.hansen@hdrinc.com
Phone	270-443-7600
Address	2550 Irvin Cobb Dr. Paducah, KY 42003

**XII. RECOMMENDATIONS**

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

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

	<u>Audited 2016</u>	<u>Audited 2017</u>	<u>Audited 2018</u>	<u>Projected 2019</u>	<u>Projected 2020</u>	<u>Projected 2021</u>	<u>Projected 2022</u>	<u>Projected 2023</u>
<b>Balance Sheet</b>								
<b>Assets</b>								
Current Assets	13,992,586	13,850,539	12,978,262	13,286,107	13,580,833	13,776,134	13,945,661	14,105,649
Other Assets	67,910,623	68,436,117	72,089,951	75,762,676	85,815,865	87,260,667	85,876,997	84,407,483
<b>Total</b>	<b>81,903,209</b>	<b>82,286,656</b>	<b>85,068,213</b>	<b>89,048,783</b>	<b>99,396,698</b>	<b>101,036,801</b>	<b>99,822,658</b>	<b>98,513,132</b>
<b>Liabilities &amp; Equity</b>								
Current Liabilities	2,581,348	2,561,594	1,831,780	1,840,638	1,896,576	2,326,936	2,365,825	2,405,315
Long Term Liabilities	23,890,401	24,573,136	26,720,572	27,995,144	36,787,275	37,756,594	36,099,924	34,413,364
<b>Total Liabilities</b>	<b>26,471,749</b>	<b>27,134,730</b>	<b>28,552,352</b>	<b>29,835,782</b>	<b>38,683,851</b>	<b>40,083,530</b>	<b>38,465,749</b>	<b>36,818,679</b>
<b>Net Assets</b>	<b>55,431,460</b>	<b>55,151,926</b>	<b>56,515,861</b>	<b>59,213,001</b>	<b>60,712,847</b>	<b>60,953,271</b>	<b>61,356,909</b>	<b>61,694,453</b>
<b>Cash Flow</b>								
Revenues	7,407,866	7,948,802	9,142,934	9,142,934	9,142,934	9,142,934	9,142,934	9,142,934
Operating Expenses	4,337,519	4,569,420	4,454,330	4,543,417	4,634,285	4,726,971	4,821,510	4,917,940
Other Income	15,060	16,101	85,832	85,832	85,832	85,832	85,832	85,832
<b>Cash Flow Before Debt Service</b>	<b>3,085,407</b>	<b>3,395,483</b>	<b>4,774,436</b>	<b>4,685,349</b>	<b>4,594,481</b>	<b>4,501,795</b>	<b>4,407,256</b>	<b>4,310,826</b>
<b>Debt Service</b>								
Existing Debt Service	1,375,321	1,556,594	1,604,158	1,606,436	1,647,225	2,229,625	2,229,483	2,228,436
Proposed KIA Loan A19-044	0	0	0	0	0	155,809	155,809	155,809
Proposed KIA Loan A19-039	0	0	0	0	0	163,349	326,698	326,698
<b>Total Debt Service</b>	<b>1,375,321</b>	<b>1,556,594</b>	<b>1,604,158</b>	<b>1,606,436</b>	<b>1,647,225</b>	<b>2,548,783</b>	<b>2,711,990</b>	<b>2,710,943</b>
<b>Cash Flow After Debt Service</b>	<b>1,710,086</b>	<b>1,838,889</b>	<b>3,170,278</b>	<b>3,078,913</b>	<b>2,947,256</b>	<b>1,953,012</b>	<b>1,695,266</b>	<b>1,599,883</b>
<b>Ratios</b>								
Current Ratio	5.4	5.4	7.1	7.2	7.2	5.9	5.9	5.9
Debt to Equity	0.5	0.5	0.5	0.5	0.6	0.7	0.6	0.6
Days Sales in Accounts Receivable	24.4	19.4	21.0	21.0	21.0	21.0	21.0	21.0
Months Operating Expenses in Unrestricted Cash	15.8	17.2	13.1	13.6	14.1	14.3	14.5	14.6
Debt Coverage Ratio	2.2	2.2	3.0	2.9	2.8	1.8	1.6	1.6

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**A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING ISSUANCE OF A CONDITIONAL COMMITMENT FOR A FEDERALLY ASSISTED DRINKING WATER REVOLVING FUND LOAN (F19-041) FOR AN AMOUNT UP TO \$3,051,133 TO THE CITY OF SOUTH SHORE, GREENUP 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 South Shore, subject to final determination of amount when the factors involving such financing have been determined; and

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

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

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

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

Section 2. The Authority hereby authorizes the issuance of a conditional Federally Assisted Drinking Water Revolving Fund loan for an amount up to \$3,051,133 of project expense including capitalized interest for the construction period, to the City of South Shore for the New South Shore Water Treatment Plant project. Such amounts are subject

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

Section 3. Principal forgiveness of 50% of the assistance amount, not to exceed \$1,300,000 will be credited to the loan balance upon release of liens on all contracts and disbursement of the final draw request by KIA to the borrower. The unforgiven principal balance of \$1,751,133 shall be repaid.

Section 4. The unforgiven principal shall be repayable over 20 years at an interest rate of 0.50%. In addition to debt service, a 0.25% annual administration fee on the unpaid, unforgiven principal balance will be charged. From annual revenues, \$7,600 must be set aside in a borrower held replacement reserve each December 1 until the balance reaches \$152,000 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 7<sup>th</sup> day of May, 2019.

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SANDRA K. DUNAHOO, CHAIR  
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

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MARGARET F. LINK, SECRETARY  
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

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GREG B. LADD, GENERAL COUNSEL  
DEPARTMENT FOR LOCAL GOVERNMENT



MATTHEW G. BEVIN  
GOVERNOR

CHARLES G. SNAVELY  
SECRETARY

**ENERGY AND ENVIRONMENT CABINET**  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

ANTHONY R. HATTON  
COMMISSIONER

300 SOWER BOULEVARD  
FRANKFORT, KENTUCKY 40601

April 23, 2019

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

Re: F19-041  
City of South Shore WTP--1612  
Activity ID: FGL20190003

Dear Mrs. McNeil:

The Division of Water (DOW) hereby certifies that the City of South Shore is eligible to receive \$3,051,133 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 City of South Shore's status relative to the Drinking Water State Revolving Fund General Conditions is provided below:

1. Project specific environmental information is expected to be submitted to DOW in June of 2019.
2. Plans and specifications are expected to be submitted to DOW in August of 2019.
3. Construction bids are expected to be opened in March 15, 2020.

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) 782-6958.

Sincerely,

Peter T. Goodmann, Director  
Division of Water

PG/BG:bg

c: Cheryl Moore, Mayor  
Linda Potter, City Clerk  
Bryan Kirby, Ceda



<b>EXECUTIVE SUMMARY</b> <b>KENTUCKY INFRASTRUCTURE AUTHORITY</b> <b>FUND F, FEDERALLY ASSISTED DRINKING WATER</b> <b>REVOLVING LOAN FUND</b>		Reviewer Date KIA Loan Number WRIS Number	Meili Sun May 7, 2019 F19-041 WX21089101	
BORROWER	CITY OF SOUTH SHORE GREENUP COUNTY			
BRIEF DESCRIPTION				
This project will construct a new building for storage, office lab, green sand filters, and well connection to the chlorine room. The existing pressure filters, chemical feed systems and high service pumps are past their useful life in need of replacement. A new water treatment plant control building will replace the existing dilapidated facility that, due to its age, has severe structural issues. It will house a filter room, a chemical feed rooms, a lab, offices, restrooms, a mechanical room and an electrical room. It will be designed with an electrical switch gear to allow for quick connection of a portable generator during prolonged power outages and be wired for a permanent generator in the future. The WTP site will be fenced for security.				
PROJECT FINANCING		PROJECT BUDGET		
Fund F Loan	\$3,051,133	RD Fee %	Actual %	
		Administrative Expenses	\$40,000	
		Legal Expenses	5,000	
		Land, Easements	5,000	
		Planning	30,000	
		Eng - Design / Const	7.4% 6.8% 177,000	
		Eng - Insp	5.5% 5.3% 137,000	
		Eng - Other	62,000	
		Construction	2,360,000	
		Contingency	235,133	
TOTAL	\$3,051,133	TOTAL	\$3,051,133	
REPAYMENT	Rate Term	0.50% 20 Years	Est. Annual Payment 1st Payment 6 Mo. after first draw \$96,495	
PROFESSIONAL SERVICES	Engineer Bond Counsel	HMB Dinsmore & Shohl, LLP		
PROJECT SCHEDULE	Bid Opening Construction Start Construction Stop	Mar-20 May-20 Jun-21		
DEBT PER CUSTOMER	Existing Proposed	\$767 \$2,499		
OTHER DEBT	See Attached			
RESIDENTIAL RATES	Current Additional	<u>Users</u> 2,166 0	<u>Avg. Bill</u> \$31.24 (for 4,000 gallons) \$31.24 (for 4,000 gallons)	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.			
CASHFLOW	Cash Flow Before Debt Service	Debt Service	Cash Flow After Debt Service	Coverage Ratio
Audited 2016	253,826	58,939	194,887	4.3
Audited 2017	228,833	105,165	123,668	2.2
Audited 2018	251,742	104,990	146,752	2.4
Projected 2019	239,884	101,462	138,422	2.4
Projected 2020	244,587	101,532	143,055	2.4
Projected 2021	247,184	113,628	133,557	2.2
Projected 2022	244,476	173,971	70,506	1.4
Projected 2023	249,466	222,218	27,248	1.1

Reviewer: Meili Sun  
Date: May 7, 2019  
Loan Number: F19-041

**KENTUCKY INFRASTRUCTURE AUTHORITY  
DRINKING WATER STATE REVOLVING FUND (FUND F)  
CITY OF SOUTH SHORE, GREENUP COUNTY  
PROJECT REVIEW  
WX21089101**

**I. PROJECT DESCRIPTION**

The City of South Shore (“the City”), is requesting a Fund F loan for \$3,051,133. The purpose of this project is to improve drinking water quality in Greenup County by constructing a new water treatment plant building that will replace existing facilities to improve drinking water system reliability, treatment efficiency and maintain or exceed water quality compliance.

This project will construct a new 1.0 MGD water treatment plant control building to replace the dilapidated 1.0 MGD facility. The new building will be approximately 3,000 square feet in size to house a filter room, chemical feed rooms, a lab, offices, restrooms, a mechanical room and an electrical room. There will be three filters in series with provisions for a fourth one in the future if necessary. The new filter system will be designed to take up to two filters out of service for backwashing, maintenance or repairs while still operating the other filter(s). The plant will be controlled by a Programmable Logic Computer (PLC) which will automatically make adjustments to the treatment process to allow for efficient use of chemicals. The new pumps will have premium efficiency motors and Variable Frequency Drives to reduce electrical costs. An electrical switch gear will be installed to allow for quick connection of a portable generator during prolonged power outages and be wired for a permanent generator in the future. The plant site will be fenced in for security.

The City produces 92% and purchases 8% of its water supply from the Garrison Quincy KY-O-Heights Water District, which is a PSC regulated entity. The project will improve drinking water quality for approximately 2,200 customers in the City of South Shore and the outlying areas of northwestern Greenup and northeastern Lewis Counties.

## II. PROJECT BUDGET

	<u>Total</u>
Administrative Expenses	\$ 40,000
Legal Expenses	5,000
Land Easements	5,000
Planning	30,000
Engineering Fees – Design	141,600
Engineering Fees – Construction	35,400
Engineering Fees – Inspection	137,000
Engineering Fees – Other	62,000
Construction	2,360,000
Contingency	235,133
<b>Total</b>	<b>\$ 3,051,133</b>

## III. PROJECT FUNDING

	<u>Amount</u>	<u>%</u>
<b>Fund F Loan</b>	<b>\$ 3,051,133</b>	<b>100%</b>

## IV. KIA DEBT SERVICE

Construction Loan	\$ 3,051,133
Principal Forgiveness	1,300,000
Amortized Loan Amount	\$ 1,751,133
Interest Rate	0.50%
Loan Term (Years)	20
Estimated Annual Debt Service	\$ 92,117
Administrative Fee (0.25%)	4,378
<b>Annual Debt Service</b>	<b>\$ 96,495</b>

## V. PROJECT SCHEDULE

Bid Opening	March 2020
Construction Start	May 2020
Construction Stop	June 2021

## VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

### A) Customers

Customers	Current
Residential	2,026
Commercial	137
Industrial	3
Total	2,166

### B) Rates

	Water Inside City		Water Outside City	
	Proposed	Current	Proposed	Current
Date of Last Rate Increase	07/01/19	07/01/17	07/01/19	07/01/17
Minimum 1,000 Gallons	\$13.84	\$13.57	\$15.84	\$15.57
Next 9,000	5.80	5.69	5.92	5.79
Over 10,000	4.10	4.02	4.30	4.22
Cost for 4,000 gallons	\$31.24	\$30.64	\$33.60	\$32.94
Increase %	2.0%		2.0%	
Affordability Index (Rate/MHI)	1.1%	1.1%	1.2%	1.1%

## VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2012-2016, the Utility's service area population was 4,582 with a Median Household Income (MHI) of \$34,724. The median household income for the Commonwealth is \$44,811. The project will qualify for a 0.50% interest rate and \$1,300,000 in principal forgiveness with its Median House Income below 80% of the State MHI.

Year	Population		County	% Change	County Unemployment	
	City	% Change			Date	Rate
1980	1,525		39,132		June 2005	6.7%
1990	1,318	-13.6%	36,742	-6.1%	June 2010	11.1%
2000	1,226	-7.0%	36,891	0.4%	June 2015	7.7%
2010	1,122	-8.5%	36,910	0.1%	June 2018	7.1%
Current	1,035	-7.8%	36,255	-1.8%		
Cumulative %		-32.1%		-7.4%		

## **VIII. 2018 CAPITALIZATION GRANT EQUIVALENCIES**

- 1) Green Project Reserve – The Drinking Water capitalization grant does not contain a “green” requirement.
- 2) Additional Subsidization – Principal forgiveness of 50% of the assistance amount, not to exceed \$1,300,000, will be credited to the loan balance upon release of liens on all contracts and disbursement of the final draw request by KIA to the borrower.

## **IX. FINANCIAL ANALYSIS**

Financial information was obtained from the audited financial statements for the years ended June 30, 2016 through June 30, 2018. The Revenues reflected in the Cash Flow reflect the City’s Enterprise Funds, which account for the activities of water and sewer operations. The sewer component has been extracted from the financial statements for the purpose of this analysis. The non-cash impact of GASB 68 - Accounting and Financial Reporting for Pensions and GASB 75 - Other Postemployment Benefit is not applicable as the City does not report Pensions and OPEB liabilities.

### **HISTORY**

Revenues increased 6.3% from \$789,906 in 2016 to \$839,877 in 2018 due to the rate increase effective July, 2017. Operating expenses went up 10.0% from \$538,824 to \$592,912 during the same period as a result of higher Repair and Maintenance costs. The debt coverage ratio was 4.3, 2.2 and 2.4 for 2016, 2017, and 2018 respectively.

The City recently approved a CPI rate adjustment that will begin in 2019.

The 2018 Balance Sheet reflects 52.5 days sales in accounts receivable, 6.8 months of operating expenses in unrestricted cash, a current ratio of 4.7, and a debt to equity ratio of 1.9.

### **PROJECTIONS**

Projections are based on the following assumptions:

- 1) The approved CPI rate adjustment will take effect on July 1 annually.
- 2) Water revenues will grow approximately 2% each year for the CPI adjustment.
- 3) Expenses will increase 2% annually for inflation.
- 4) Debt coverage ratio is 1.4 in 2022 when principal and interest repayments begin.
- 5) South Shore has an existing KIA loan F 18-019 that has not begun repayment. Debt payment and replacement reserve payments are projected to begin in December 2021 and have been included in the financial analysis.

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

## REPLACEMENT RESERVE

The replacement reserve will be 5% (\$152,000 total) of the final amount borrowed (prior to principal forgiveness) to be funded annually (\$7,600 yearly) each December 1 for 20 years and maintained for the life of the loan. An additional \$2,200 has been included to represent the replacement reserve payments for loan F 18-019.

## X. DEBT OBLIGATIONS

	Outstanding	Maturity
KIA Loan B12-09	\$ 1,662,231	2035
KIA Loan F18-019 i.a.o. \$878,000		TBD
<b>Total</b>	<b>\$ 1,662,231</b>	

## XI. CONTACTS

<b>Legal Applicant</b>	
Name	City of South Shore
Authorized Official	Cheryl A. Moore, Mayor
Email	mayorcoss@windstream.net
Phone	(606) 932-6144
County	Greenup
Address	69 Narco Dr, PO Box 516 South Shore, KY 41175

<b>Project Contact - Applicant</b>	
Name	Linda Potter, City Clerk
Organization	City of South Shore
Email	cityoss@windstream.net
Phone	(606) 932-6144
Address	69 Narco Dr, PO Box 516 South Shore, KY 41175

<b>Project Administrator</b>	
Name	Bryan Kirby, President
Organization	Ceda, Inc
Email	bkirby1953@gmail.com
Phone	(859) 624-3396
Address	P.O. Box 855 Richmond, KY 40476

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

**XII. RECOMMENDATIONS**

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

**CITY OF SOUTH SHORE  
FINANCIAL SUMMARY (JUNE YEAR END)**

	<u>Audited</u> <u>2016</u>	<u>Audited</u> <u>2017</u>	<u>Audited</u> <u>2018</u>	<u>Projected</u> <u>2019</u>	<u>Projected</u> <u>2020</u>	<u>Projected</u> <u>2021</u>	<u>Projected</u> <u>2022</u>	<u>Projected</u> <u>2023</u>
<b>Balance Sheet</b>								
<b>Assets</b>								
Current Assets	243,483	347,611	456,900	484,544	515,555	544,767	561,368	569,417
Other Assets	2,318,836	2,251,986	2,182,940	2,193,123	3,085,012	6,122,685	5,990,106	5,822,922
<b>Total</b>	<b>2,562,319</b>	<b>2,599,597</b>	<b>2,639,840</b>	<b>2,677,667</b>	<b>3,600,567</b>	<b>6,667,452</b>	<b>6,551,474</b>	<b>6,392,339</b>
<b>Liabilities &amp; Equity</b>								
Current Liabilities	108,047	108,048	96,689	97,513	98,388	99,269	100,155	101,046
Long Term Liabilities	1,785,685	1,700,948	1,617,786	1,617,786	2,405,883	5,366,438	5,297,129	5,292,741
<b>Total Liabilities</b>	<b>1,893,732</b>	<b>1,808,996</b>	<b>1,714,475</b>	<b>1,715,299</b>	<b>2,504,271</b>	<b>5,465,707</b>	<b>5,397,284</b>	<b>5,393,787</b>
<b>Net Assets</b>	<b>668,587</b>	<b>790,601</b>	<b>925,365</b>	<b>962,368</b>	<b>1,096,296</b>	<b>1,201,745</b>	<b>1,154,190</b>	<b>998,552</b>
<b>Cash Flow</b>								
Revenues	789,906	773,938	839,877	839,877	856,675	873,809	891,285	909,111
Operating Expenses	538,824	547,521	592,912	604,770	616,865	631,402	651,586	664,422
Other Income	2,744	2,416	4,777	4,777	4,777	4,777	4,777	4,777
<b>Cash Flow Before Debt Service</b>	<b>253,826</b>	<b>228,833</b>	<b>251,742</b>	<b>239,884</b>	<b>244,587</b>	<b>247,184</b>	<b>244,476</b>	<b>249,466</b>
<b>Debt Service</b>								
Existing Debt Service	58,939	105,165	104,990	101,462	101,532	113,628	125,723	125,723
Proposed KIA Loan	0	0	0	0	0	0	48,248	96,495
<b>Total Debt Service</b>	<b>58,939</b>	<b>105,165</b>	<b>104,990</b>	<b>101,462</b>	<b>101,532</b>	<b>113,628</b>	<b>173,971</b>	<b>222,218</b>
<b>Cash Flow After Debt Service</b>	<b>194,887</b>	<b>123,668</b>	<b>146,752</b>	<b>138,422</b>	<b>143,055</b>	<b>133,557</b>	<b>70,506</b>	<b>27,248</b>
<b>Ratios</b>								
Current Ratio	2.3	3.2	4.7	5.0	5.2	5.5	5.6	5.6
Debt to Equity	2.8	2.3	1.9	1.8	2.3	4.5	4.7	5.4
Days Sales in Accounts Receivable	51.8	53.4	52.5	52.5	52.5	52.5	52.5	52.5
Months Operating Expenses in Unrestricted Cash	2.9	5.1	6.8	7.2	7.6	8.0	8.1	8.0
Debt Coverage Ratio	4.3	2.2	2.4	2.4	2.4	2.2	1.4	1.1

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**A RESOLUTION AND ORDER OF THE BOARD OF DIRECTORS OF THE KENTUCKY INFRASTRUCTURE AUTHORITY AUTHORIZING ISSUANCE OF A CONDITIONAL COMMITMENT FOR A FEDERALLY ASSISTED DRINKING WATER REVOLVING FUND LOAN (F19-056) FOR AN AMOUNT UP TO \$1,000,000 TO THE CITY OF RUSSELL, GREENUP 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 Russell, subject to final determination of amount when the factors involving such financing have been determined; and

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

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

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

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

Section 2. The Authority hereby authorizes the issuance of a conditional Federally Assisted Drinking Water Revolving Fund loan for an amount up to \$1,000,000 of project expenses incurred during the planning and design period, to the City of Russell for the Upgrade Water Treatment Plant and System Improvements project. Such amounts are

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

Section 3. The loan shall be repayable over 5 years at an interest rate of 3.00%. In addition to debt service, a 0.25% annual administration fee on the unpaid loan balance will be charged.

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 7<sup>th</sup> day of May, 2019.

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SANDRA DUNAHOO, CHAIR  
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

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MARGARET F. LINK, SECRETARY  
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

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GREG B. LADD, GENERAL COUNSEL  
DEPARTMENT FOR LOCAL GOVERNMENT



MATTHEW G. BEVIN  
GOVERNOR

CHARLES G. SNAVELY  
SECRETARY

**ENERGY AND ENVIRONMENT CABINET**  
**DEPARTMENT FOR ENVIRONMENTAL PROTECTION**

ANTHONY R. HATTON  
COMMISSIONER

300 SOWER BOULEVARD  
FRANKFORT, KENTUCKY 40601

April 23, 2019

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

Re: F19-056  
Russell Water Co--1609  
Activity ID: FGL20190003

Dear Mrs. McNeil:

The Division of Water (DOW) hereby certifies that the City of Russell is eligible to receive \$1,000,000.00 for a planning and design loan from the Drinking Water State Revolving Fund. Upon approval of an engineering contract, the DOW will issue a final certification letter authorizing initiation of the Assistance Agreement.

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

Sincerely,

Peter T. Goodmann, Director  
Division of Water

PG/BG:av

- c: Sarah Parsley, KIA
- William C. Hopkins, Mayor, City of Russell
- Matthew R. Curtis, PE, Bluegrass Engineering, PLLC

<b>EXECUTIVE SUMMARY</b>		Reviewer	Meili Sun	
<b>KENTUCKY INFRASTRUCTURE AUTHORITY</b>		Date	May 7, 2019	
<b>FUND F, FEDERALLY ASSISTED DRINKING WATER</b>		KIA Loan Number	F19-056 (P&D)	
<b>REVOLVING LOAN FUND</b>		WRIS Number	WX21089011	
BORROWER	CITY OF RUSSELL GREENUP COUNTY			
BRIEF DESCRIPTION				
This is the Planning & Design phase of the project to expand the capacity of the existing water treatment plant from 2 MGD to 4 MGD, which will enable the City to continue to be a regional water provider. The construction involves installation of a new raw water intake structure with a rail system. The City also proposes to replace a problematic existing 12" cast iron pipe with approximately 2,200 LF of 12" ductile iron pipe. All of this work is in the heart of downtown Russell, therefore sidewalk and asphalt replacement will be required. In addition, two service stations with buried gas tanks will require ductile iron with nitrile gaskets for approximately 700 of the 2,200 LF.				
PROJECT FINANCING		PROJECT BUDGET		
Fund F Loan P&D	\$1,000,000	RD Fee %	Actual %	
		Administrative Expenses		\$36,750
		Legal Expenses		50,000
		Planning		211,650
		Eng - Design / Const		644,800
		Eng - Other		56,800
TOTAL	\$1,000,000	TOTAL		\$1,000,000
REPAYMENT	Rate	3.00%	Est. Annual Payment	\$219,368
	Term	5 Years	1st Payment	6 Mo. after first draw
PROFESSIONAL SERVICES	Engineer	Bluegrass Engineering, PLLC		
	Bond Counsel	Dinsmore & Shohl, LLP		
PROJECT SCHEDULE	P&D Start	Jan-19		
	P&D Completion	Mar-20		
	Bid Opening Date	Jun-20		
DEBT PER CUSTOMER	Existing	\$148		
	Proposed	\$406		
OTHER DEBT	See Attached			
OTHER STATE-FUNDED PROJECTS LAST 5 YRS	See Attached			
RESIDENTIAL RATES		<u>Users</u>	<u>Avg. Bill</u>	
	Current	2,462	\$29.30	(for 4,000 gallons)
	Additional	0	\$29.30	(for 4,000 gallons)
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.			
CASHFLOW	Cash Flow Before Debt Service	Debt Service	Cash Flow After Debt Service	Coverage Ratio
Audited 2016	111,040	0	111,040	n/a
Audited 2017	173,447	0	173,447	n/a
Audited 2018	100,783	0	100,783	n/a
Projected 2019	161,150	0	161,150	n/a
Projected 2020	304,844	0	304,844	n/a
Projected 2021	309,767	219,368	90,399	1.4
Projected 2022	314,789	219,368	95,421	1.4
Projected 2023	319,911	219,368	100,543	1.5

Reviewer: Meili Sun  
 Date: May 7, 2019  
 Loan Number: F19-056 (P&D)

**KENTUCKY INFRASTRUCTURE AUTHORITY  
 DRINKING WATER STATE REVOLVING FUND (FUND F)  
 CITY OF RUSSELL, GREENUP COUNTY  
 PROJECT REVIEW  
 WX21089011**

**I. PROJECT DESCRIPTION**

The City of Russell (“the City”) is requesting a planning and design loan in the amount of \$1,000,000 for the planning and design of an upgrade to the water treatment plant and system improvements necessary to provide reliability to the system.

The project will expand the capacity of the existing water treatment plant from 2 million gallons per day (“MGD”) to 4 MGD. The construction involves installation of a new raw water intake and wet well structure with a rail system and replacement of a problematic existing 12” cast iron pipe with approximately 2,200 LF of 12” ductile iron pipe. In addition, there are two service stations in close proximity to the proposed water line replacement with buried gas tanks that will require ductile iron with nitrile gaskets for approximately 700 of the 2,200 LF new pipe. The completion of this project will improve the City’s drinking water treatment process, ensure the treatment plant’s ability to pump raw water from the Ohio River, and reduce water loss.

The City of Russell is a regional provider currently serving approximately 2,500 retail customers and providing wholesale water to the City of Flatwoods and the City of Raceland. The wholesale customers purchase about 64% of the water production.

**II. PROJECT BUDGET**

	Total
Administrative Expenses	\$ 36,750
Legal Expenses	50,000
Planning	211,650
Engineering Fees – Design	644,800
Engineering Fees – Other	56,800
<b>Total</b>	<b>\$ 1,000,000</b>

**III. PROJECT FUNDING**

	Amount	%
<b>KIA Fund A Loan (P&amp;D)</b>	<b>\$ 1,000,000</b>	<b>100%</b>

#### IV. KIA DEBT SERVICE

Planning & Design Loan	\$ 1,000,000
Interest Rate	3.00%
Loan Term (Year)	5
Estimated Annual Debt Service	\$ 216,868
Administrative Fee (0.25%)	2,500
<b>Annual Debt Service</b>	<b>\$ 219,368</b>

#### V. PROJECT SCHEDULE

P&D Start	January 2019
P&D Completion	March 2020
Bid Opening	June 2020
Estimated Construction Start	September 2020
Estimated Construction Completion	January 2023

#### VI. CUSTOMER COMPOSITION AND RATE STRUCTURE

##### A) Customers

Customers	Current
Residential	2,289
Commercial	171
Industrial/Institutional	7
Total	2,467

##### B) Rates

	Water Inside City		
	Proposed	Current	Prior
Date of Last Rate Increase	06/01/19	04/01/17	07/01/14
Minimum 1,000 Gallons	\$20.00	\$18.00	\$18.00
Next 1,000 Gallons	3.30	3.00	2.75
Next 8,000 Gallons	3.00	2.70	2.60
Cost for 4,000 gallons	\$29.30	\$26.40	\$25.95
Increase %	11.0%	1.7%	
Affordability Index (Rate/MHI)	0.5%	0.5%	0.5%

	Water Outside City		
	Proposed	Current	Prior
Date of Last Rate Increase	06/01/19	04/01/17	07/01/14
Minimum 1,000 Gallons	\$20.50	\$18.50	\$18.00
Next 1,000 Gallons	3.65	3.30	3.05
Next 8,000 Gallons	3.40	3.05	2.95
Cost for 4,000 gallons	\$30.95	\$27.90	\$26.95
Increase %	10.9%	3.5%	
Affordability Index (Rate/MHI)	0.6%	0.5%	0.5%

	Wholesale Water			
	Proposed	Current	Prior	Increase %
Date of Last Rate Increase	06/01/19	04/01/17	07/01/14	
Per 1,000 Gallons Within Contract	\$2.50	\$2.25	\$2.00	11.11%
Per 1,000 Gallons Over Contract	2.75	2.50	2.25	10.00%
Per 1,000 Gallons No Contract	3.00	2.75	2.50	9.09%

## VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2012-2016, the Utility’s service area population was 4,900 with a Median Household Income (MHI) of \$64,270. The median household income for the Commonwealth is \$44,811. The planning and design loan will qualify for a 3.00% interest rate.

Year	Population		County		County Unemployment	
	City	% Change	County	% Change	Date	Rate
1980	3,824		39,132		June 2005	6.7%
1990	4,014	5.0%	36,742	-6.1%	June 2010	11.7%
2000	3,645	-9.2%	36,891	0.4%	June 2015	7.7%
2010	3,380	-7.3%	36,910	0.1%	June 2018	7.1%
Current	3,281	-2.9%	36,255	-1.8%		
Cumulative %		-14.2%		-7.4%		

## VIII. 2018 CAPITALIZATION GRANT EQUIVALENCIES

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

## **IX. FINANCIAL ANALYSIS**

Financial information was obtained from the audited financial statements for the years ended June 30, 2016 through 2018. The non-cash impacts of GASB 68 - Accounting and Financial Reporting for Pensions and GASB 75 - Other Postemployment Benefit have been removed from operating expenses. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

### **HISTORY**

Water revenues went up 1.9% from \$1.51 million in 2016 to \$1.54 million in 2018 due to the previously approved rate increase while operating expenses increased 2.8% for inflation from \$1.40 million to \$1.44 million during the same period. The debt coverage ratio was not applicable to the base years due to the absence of debt.

The balance sheet reflects a current ratio of 0.9, debt to equity ratio of 0.8, 33.7 days sales in accounts receivable, and 0.9 month of operating expenses in unrestricted cash.

### **PROJECTIONS**

Projections are based on the following assumptions:

- 1) Total retail and wholesale revenues will grow 11% from the proposed rate increase effective June 1, 2019.
- 2) Beginning in 2020, the City will automatically adjust rates each year based on the Consumer Price Index.
- 3) Should the City decide to pursue a construction loan from KIA after the planning and design work is completed, additional \$875,000 revenues will be required to support a total loan amount of \$16.5 million. The City is exploring options for further rate increases or adjustments of usage blocks to maximize revenues for the anticipated debt service.
- 4) Operating expenses will increase 2% annually for inflation.
- 5) Debt service coverage is 1.4 in 2021 when principal and interest repayments begin.

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

### **REPLACEMENT RESERVE**

Replacement reserve is not required for a planning and design loan.

**X. DEBT OBLIGATIONS**

	Outstanding	Maturity
First and Peoples Bank i.a.o. \$358,784*		
Water Revenue Bond i.a.o. \$5,000**		
Total	\$	0

\* A line of credit to provide interim financing prior to the requested KIA loan  
 \*\* Outstanding matured coupon bond

**XI. CONTACTS**

<b>Legal Applicant</b>	
Name	City of Russell
Address	410 Ferry St, PO Box 394 Russell, KY 41169
County	Greenup
Authorized Official	Samuel R Simpson IV, Mayor
Phone	(606) 836-9666
Email	ronsimpson19522@yahoo.com

<b>Project Contact - Applicant</b>	
Name	Joy Conley
Organization	City of Russell
Address	410 Ferry St, PO Box 394 Russell, KY 41169
Phone	(606) 694-9461
Email	russelljec@aol.com

<b>Project Administrator/Engineer</b>	
Name	Matthew Ray Curtis
Organization	Bluegrass Engineering, PLLC
Address	222 E Main St, Ste 1, PO Box 1657 Georgetown, KY 40324
Phone	(502) 370-6551
Email	mcurtis@bluegrassengineering.net

**XII. RECOMMENDATIONS**

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

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

	<u>Audited 2016</u>	<u>Audited 2017</u>	<u>Audited 2018</u>	<u>Projected 2019</u>	<u>Projected 2020</u>	<u>Projected 2021</u>	<u>Projected 2022</u>	<u>Projected 2023</u>
<b>Balance Sheet</b>								
<b>Assets</b>								
Current Assets	367,509	396,092	344,132	384,595	461,564	482,844	505,228	528,736
Other Assets	3,816,094	3,797,910	4,659,635	4,050,313	5,133,251	5,044,634	4,960,033	4,879,531
<b>Total</b>	<b>4,183,603</b>	<b>4,194,002</b>	<b>5,003,767</b>	<b>4,434,908</b>	<b>5,594,815</b>	<b>5,527,477</b>	<b>5,465,261</b>	<b>5,408,267</b>
<b>Liabilities &amp; Equity</b>								
Current Liabilities	138,138	59,302	377,972	14,188	14,188	214,188	214,188	214,188
Long Term Liabilities	1,213,323	1,051,243	1,797,777	1,458,372	2,458,372	2,258,372	2,058,372	1,858,372
<b>Total Liabilities</b>	<b>1,351,461</b>	<b>1,110,545</b>	<b>2,175,749</b>	<b>1,472,560</b>	<b>2,472,560</b>	<b>2,472,560</b>	<b>2,272,560</b>	<b>2,072,560</b>
<b>Net Assets</b>	<b>2,832,142</b>	<b>3,083,457</b>	<b>2,828,018</b>	<b>2,962,348</b>	<b>3,122,255</b>	<b>3,054,917</b>	<b>3,192,701</b>	<b>3,335,707</b>
<b>Cash Flow</b>								
Revenues	1,512,991	1,507,355	1,543,038	1,632,255	1,805,376	1,840,315	1,875,953	1,912,303
Operating Expenses	1,402,247	1,334,143	1,442,510	1,471,360	1,500,787	1,530,803	1,561,419	1,592,647
Other Income	296	235	255	255	255	255	255	255
<b>Cash Flow Before Debt Service</b>	<b>111,040</b>	<b>173,447</b>	<b>100,783</b>	<b>161,150</b>	<b>304,844</b>	<b>309,767</b>	<b>314,789</b>	<b>319,911</b>
<b>Debt Service</b>								
Existing Debt Service	0	0	0	0	0	0	0	0
Proposed KIA Loan	0	0	0	0	0	219,368	219,368	219,368
<b>Total Debt Service</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>219,368</b>	<b>219,368</b>	<b>219,368</b>
<b>Cash Flow After Debt Service</b>	<b>111,040</b>	<b>173,447</b>	<b>100,783</b>	<b>161,150</b>	<b>304,844</b>	<b>90,399</b>	<b>95,421</b>	<b>100,543</b>
<b>Ratios</b>								
Current Ratio	2.7	6.7	0.9	27.1	32.5	2.3	2.4	2.5
Debt to Equity	0.5	0.4	0.8	0.5	0.8	0.8	0.7	0.6
Days Sales in Accounts Receivable	35.7	37.7	33.7	33.7	33.7	33.7	33.7	33.7
Months Operating Expenses in Unrestricted Cash	1.1	1.4	0.9	1.2	1.6	1.7	1.8	2.0
Debt Coverage Ratio	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.4	1.4	1.5

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**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 7<sup>th</sup> day of May, 2019.

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DONNA MCNEIL, EXECUTIVE DIRECTOR  
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

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MARGARET F. LINK, SECRETARY  
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

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GREG B. LADD, GENERAL COUNSEL  
DEPARTMENT FOR LOCAL GOVERNMENT

**EXHIBIT A**

<b><u>APPLICANT</u></b>	<b><u>LOAN #</u></b>	<b><u>AMOUNT</u></b>	<b><u>LOAN TOTAL</u></b>
City of Louisa	A19-002	\$ 3,106,922	\$ 3,339,588
City of Tompkinsville	A19-012	\$ 861,148	\$ 861,148
Paducah McCracken Joint Sewer Agency	A19-039	\$ 5,193,000	\$ 5,193,000
Paducah McCracken Joint Sewer Agency	A19-044	\$ 2,476,652	\$ 2,476,652
City of South Shore	F19-041	\$ 3,051,133	\$ 3,051,133
City of Russell (P&D)	F19-056	\$ 1,000,000	\$ 1,000,000

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**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 2019 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 under an agreement with the Energy and Environment Cabinet ("the Cabinet") to assure compliance through environmental and technical assistance, 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 2019, 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, 2019.

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SANDRA K. DUNAHOO, CHAIR  
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

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MARGARET F. LINK, SECRETARY  
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

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GREG B. LADD, GENERAL COUNSEL  
DEPARTMENT FOR LOCAL GOVERNMENT

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**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 2019 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 under an agreement with the Energy and Environment Cabinet ("The Cabinet") to assure compliance through environmental and technical assistance;

**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 2019, 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, 2019.

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SANDRA K. DUNAHOO, CHAIR  
KENTUCKY INFRASTRUCTURE AUTHORITY

ATTEST:

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MARGARET F. LINK, SECRETARY  
KENTUCKY INFRASTRUCTURE AUTHORITY

REVIEWED BY:

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GREG B. LADD, GENERAL COUNSEL  
DEPARTMENT FOR LOCAL GOVERNMENT

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

**Kentucky Infrastructure Authority  
Funds Availability  
April 30, 2019**

Description	Fund A (Clean	Fund F (Drinking	Fund B	Fund C
	Water SRF)	Water SRF) (2)	(Infrastructure Revolving Fund)	(Governmental Agencies Program)
<b>Funds Availability</b>				
Funds Available to Commit (1)	\$0	\$19,200,000	\$0	\$1,000,000

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

(2) City of Russell decided to pursue only planning and design loan which reduced anticipated commitments by \$17.0M. Available balance will carry forward to fiscal 2020 funds available.

**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	<u>\$45,369,201</u>

**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	<u>\$20,646,201</u>

**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	<u>\$36,259,607</u>

**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	<u>\$29,497,769</u>

**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	<u>\$28,376,620</u>

**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	<u>\$17,607,384</u>

**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	<u>\$18,184,570</u>

**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	<u>\$29,786,981</u>

**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	<u>\$9,178,152</u>

**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	<u>\$19,880,297</u>

**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	<u>\$19,881,905</u>

**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	<u>\$19,814,494</u>

**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	<u>\$19,638,329</u>

**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	<u>\$15,909,016</u>

**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	<u>\$12,928,344</u>

**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	<u>\$15,801,410</u>

**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	<u>\$10,031,796</u>

**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	<u>\$10,031,796</u>

**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	<u>\$30,081,120</u>

**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	<u>\$21,801,040</u>

**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	<u>\$20,864,920</u>

**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	<u>\$19,710,720</u>

**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	<u>\$20,700,200</u>

**AVAILABLE FUNDS FFY2015:**

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

**AVAILABLE FUNDS FFY2016:**

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

**AVAILABLE FUNDS FFY2017:**

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

**AVAILABLE FUNDS FFY 2002:**

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

**AVAILABLE FUNDS FFY2003:**

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

**AVAILABLE FUNDS FFY2004:**

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

**AVAILABLE FUNDS FFY2018:**

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

**AVAILABLE FUNDS FFY2019:**

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

**ACCUMULATED SRF FUNDS****\$634,374,848****CURRENT REVOLV/SURPL FUND BAL****\$146,589,701****LEVERAGE FUND BALANCE****\$0**

TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT	DATE APPROVED
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**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	
<b>TOTALS</b>	<u><b>\$10,223,395</b></u>	<u><b>\$7,063,116</b></u>		

4 MT. WASHINGTON, CITY OF	\$1,957,322	\$908,187 (c)	8-07-89	
5 MAYFIELD, CITY OF	\$4,067,194	\$3,425,343 (c)	8-07-89	(AMD. 8-16-90)
6 DANVILLE, CITY OF	\$634,900	\$418,055 (c)	8-07-89; 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)
<b>TOTALS</b>	<u><b>\$12,882,851</b></u>	<u><b>\$8,388,968</b></u>		

**PROJECTS APPROVED IN SFY 1991:**

9 LEWISBURG, CITY OF	\$751,974	\$667,388 (c)	8-16-90	
10 PROVIDENCE, CITY OF (1)	\$3,803,625	\$2,828,680 (c)	8-16-90	
11 PROVIDENCE, CITY OF (2)	\$820,069	\$820,069 (c)	8-16-90	
12 CAMPTON, CITY OF	\$669,615	\$367,641 (c)	8-16-90	(AMD. 11-19-90)
13 BOWLING GREEN, CITY OF (1)	\$9,459,163	\$6,570,011 (c)	11-19-90	
14 BOWLING GREEN, CITY OF (2)	\$2,616,756	\$2,616,756 (c)	11-19-90	
15 ELIZABETHTOWN, CITY OF	\$9,851,000	\$9,226,158 (c)	1-31-91	
16 PINEVILLE, CITY OF (1)	\$3,169,900	\$2,293,544 (c)	3-28-91	(AMD. 11-12-92 & 12-1-93)
17 BUTLER, CITY OF	\$373,850	\$187,950 (c)	3-28-91	
18 LONDON, CITY OF	\$7,148,495	\$6,305,753 (c)	6-20-91	
<b>TOTALS</b>	<u><b>\$38,664,447</b></u>	<u><b>\$31,883,950</b></u>		

**PROJECTS APPROVED IN SFY 1992:**

19 BOYD COUNTY FISCAL COURT	\$3,789,000	\$2,237,342 (c)	7-24-91	
20 WILLIAMSBURG, CITY OF	\$1,024,110	\$931,344 (c)	9-16-91	
21 GREENUP, CITY OF	\$453,800	\$442,739 (c)	9-16-91	(AMD. 1-23-93)
22 GEORGETOWN, CITY OF	\$6,009,300	\$6,119,705 (c)	9-16-91	
23 STANFORD, CITY OF	\$1,177,312	\$685,289 (c)	9-16-91	
24 HICKMAN, CITY OF	\$2,641,171	\$1,779,494 (c)	9-18-91	(AMD. 11-12-92)
25 BRANDENBURG, CITY OF	\$2,091,294	\$1,802,290 (c)	11-01-91	(AMD. 5-13-92)
26 MIDDLESBORO, CITY OF	\$832,085	\$175,785 (c)	11-01-91	
27 CAMPBELL/KENTON S.D. (MELBOURNE)	\$1,196,365	\$773,156 (c)	11-01-91	(AMD. 9-10-92)
28 MURRAY, CITY OF	\$5,121,690	\$5,161,272 (c)	11-01-91	
29 CUMBERLAND, CITY OF	\$1,366,700	\$680,417 (c)	12-04-91	
30 WHEELWRIGHT, CITY OF	\$971,000	\$361,675 (c)	12-04-91	
31 EMINENCE, CITY OF	\$4,071,300	\$1,328,600 (c)	2-25-92	(REAP. 2-16-94)
32 PADUCAH-MCCRACKEN JOINT SEWER AGENCY	\$1,889,950	\$1,495,501 (c)	5-13-92	(ASSUMED FROM REIDLAND)
33 FLEMINGSBURG, CITY OF	\$1,128,194	\$1,142,183 (c)	5-13-92	
34 WEBSTER COUNTY FISCAL COURT	\$3,211,937	\$2,378,237 (c)	5-13-92	(REAP. 9-27-94)
<b>TOTALS</b>	<u><b>\$36,975,208</b></u>	<u><b>\$27,495,029</b></u>		

**PROJECTS APPROVED IN SFY 1993:**

35 FRANKLIN, CITY OF (1)	\$497,979	\$497,979 (c)	9-10-92	AMD.
36 CORINTH, CITY OF	\$1,089,866	\$200,766 (c)	11-12-92	
37 PLEASUREVILLE, CITY OF	\$2,976,200	\$785,200 (c)	11-12-92	(AMD. 3-31-95)
38 HOPKINSVILLE, CITY OF (1)	\$9,845,968	\$9,693,741 (c)	12-17-92	(AMD. 9-1-94)
39 MARTIN, CITY OF	\$2,295,847	\$579,212 (c)	12-17-92	
40 OLIVE HILL, CITY OF	\$3,245,120	\$2,426,003 (c)	01-29-93	(AMD 10/6/05)
41 NICHOLASVILLE PUBLIC UTILITIES	\$16,340,413	\$15,740,449 (c)	05-05-93	(REAP. 3-31-95)(AMD.12-18-98)
<b>TOTALS</b>	<u><b>\$36,291,393</b></u>	<u><b>\$29,923,350</b></u>		

	TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT	DATE APPROVED	
<b>PROJECTS APPROVED IN SFY 1994:</b>				
42	PINEVILLE, CITY OF (2)	\$940,000	\$418,542 (c)	07-07-93 (REAP. 3-31-95)
43	IRVINE, CITY OF	\$2,883,563	\$1,658,248 (c)	08-31-93 (REAP. 3-31-95 & AMD. 8-29-96)
44	BENHAM, CITY OF	\$1,916,066	\$853,191 (c)	08-31-93 (REAP. 3-31-95)
45	PRINCETON, CITY OF (Part 1)	\$3,722,362	\$2,365,520 (c)	12-01-93 (REAP. 5-30-95)
46	PRINCETON, CITY OF (Part 2)	\$1,045,618	\$597,712 (c)	12-01-93 (REAP. 5-30-95)
47	HOPKINSVILLE, CITY OF	\$885,720	\$646,748 (c)	02-16-94; 4-7-11 (REAP. 8-30-95) Assumed from Crofton (AMD.5-30-95)(AMD.7-13-98)
48	LEDBETTER SANITATION DISTRICT #1	\$4,767,980	\$3,624,359 (c)	05-11-94
49	HAZARD, CITY OF	\$7,746,540	\$6,511,067 (c)	05-11-94
50	SHELBY COUNTY SANITATION DISTRICT #1	\$2,100,000	\$1,402,737 (c)	05-11-94 (Assumed from Shelby Co SD #1 (AMD. 7-17-95)
51	LAGRANGE, CITY OF	\$898,515	\$832,777 (c)	06-29-94
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)
	<b>TOTALS</b>	<b>\$49,144,500</b>	<b>\$38,480,065</b>	
<b>PROJECTS APPROVED IN SFY 1995:</b>				
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
	<b>TOTALS</b>	<b>\$59,704,120</b>	<b>\$46,773,907</b>	
<b>PROJECTS APPROVED IN SFY 1996:</b>				
	NONE	\$0	\$0	
	<b>TOTALS</b>	<b>\$0</b>	<b>\$0</b>	
<b>PROJECTS APPROVED IN SFY 1997:</b>				
77	HARLAN, CITY OF	\$6,053,575	\$2,546,299 (c)	7-18-96 (REAP. 4-27-98)
78	HAWESVILLE, CITY OF	\$871,000	\$435,000 (c)	7-18-96
79	EMINENCE, CITY OF	\$1,381,339	\$945,408 (c)	7-18-96
80	SCOTTSVILLE, CITY OF	\$4,608,815	\$3,959,472 (c)	7-18-96
81	ELKHORN CITY, CITY OF	\$926,726	\$926,726 (c)	7-18-96 (AMD 4-1-98)
82	GRAYSON, CITY OF	\$3,635,970	\$3,424,567 (s)	7-18-96 (AMD. 9-1-98)
83	MOREHEAD, CITY OF	\$2,357,176	\$781,381 (c)	7-18-96
84	JACKSON, CITY OF	\$719,287	\$681,983 (c)	8-29-96
85	LAWRENCE, COUNTY OF	\$1,566,000	\$868,219 (c)	3-6-97 (AMD 11/1/01)
86	GREENUP CO. ENVIRONMENTAL COMMISSION	\$2,368,793	\$2,331,195 (c)	3-6-97
87	HARDIN CO WATER DISTRICT 1	\$4,846,450	\$4,809,652 (c)	6-19-97; 3/6/08 Assumed from Radcliff
88	WARREN COUNTY WATER DISTRICT (1)	\$1,082,400	\$980,781 (c)	6-19-97
	<b>TOTALS</b>	<b>\$30,417,531</b>	<b>\$22,690,683</b>	
<b>PROJECTS APPROVED IN SFY 1998:</b>				
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 (c)	2-26-98
95	Louisville & Jefferson Co. Metro. Sewer Dist.	\$10,358,404	\$6,498,266 (c)	4/27/98; 3/2/06; 4/4/19 Assumed from Crestwood
	<b>TOTALS</b>	<b>\$30,908,982</b>	<b>\$21,221,249</b>	

	TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT	DATE APPROVED	
<b>PROJECTS APPROVED IN SFY 1999:</b>				
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
<b>TOTALS</b>	<b>\$19,975,429</b>	<b>\$15,583,941</b>		
<b>PROJECTS APPROVED IN SFY 2000:</b>				
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	
<b>TOTALS</b>	<b>\$33,687,179</b>	<b>\$28,225,886</b>		
<b>PROJECTS APPROVED IN SFY 2001:</b>				
108 PIKEVILLE, CITY OF	\$1,205,484	\$1,116,574 (c)	07/18/2000; 5/16/01	
109 GREENUP JOINT SEWER AGENCY	\$1,717,540	\$1,561,400 (c)	9/6/01; 3/2/06	Assumed from Mtn WD
110 LEITCHFIELD, CITY OF	\$6,146,196	\$5,355,560 (c)	7/18/00; 6/26/14	Assumed from Wurtland
111 CLOVERPORT, CITY OF	\$57,500	\$57,500 (c)	8/29/00	
112 WHITE PLAINS, CITY OF	\$2,250,400	\$669,700 (c)	11/22/00	(A1)
113 MANCHESTER, CITY OF	\$5,060,376	\$1,053,589 (c)	12/21/00	
114 ARLINGTON, CITY OF	\$677,333	\$167,567 (c)	1/25/01	
<b>TOTALS</b>	<b>\$17,114,829</b>	<b>\$9,981,890</b>		
<b>PROJECTS APPROVED IN SFY2002:</b>				
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
<b>TOTALS</b>	<b>\$42,537,535</b>	<b>\$31,483,629</b>		
<b>PROJECTS APPROVED IN SFY 2003</b>				
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	
<b>TOTALS</b>	<b>\$25,272,304</b>	<b>\$13,977,246</b>		
<b>PROJECTS APPROVED IN SFY 2004</b>				
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 BERA, CITY OF	\$9,011,045	\$5,000,000 (c)	4/1/04; 1/6/05	
136 HOPKINSVILLE WATER ENV AUTH	\$2,469,924	\$2,469,924 (c)	05/06/04; 3/2/06	
137 PRESTONSBURG, CITY OF	\$3,750,000	\$68,037 (c)	05/06/04	Assumed from Southern Wtr & Sew Dist
<b>TOTALS</b>	<b>\$38,511,624</b>	<b>\$22,738,183</b>		
<b>PROJECTS APPROVED IN SFY 2005</b>				
138 LAWRENCEBURG, CITY OF	\$8,319,703	\$7,889,974 (c)	7/1/04	
139 LORETTA, 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	
<b>TOTALS</b>	<b>\$89,632,500</b>	<b>\$68,794,469</b>		

	<b>TOTAL PROJECT AMOUNT</b>	<b>KIA LOAN AMOUNT</b>	<b>DATE APPROVED</b>	
<b>PROJECTS APPROVED IN SFY 2006</b>				
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)
<b>TOTALS</b>	<b>\$24,515,128</b>	<b>\$11,807,835</b>		
<b>PROJECTS APPROVED IN SFY 2007</b>				
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	
<b>TOTAL</b>	<b>\$66,469,881</b>	<b>\$43,478,046</b>		
<b>PROJECTS APPROVED IN SFY 2008</b>				
159 CITY OF BARLOW	\$169,500	\$168,954 (c)	9/6/07	(A1)
160 CITY OF WHITESBURG	\$7,474,000	\$1,040,900 (c)	9/6/07	
161 CITY OF OWENSBORO	\$25,562,531.87	\$23,931,476 (c)	10/4/07; 6/26/14	
162 CITY OF ALEXANDRIA	\$316,441	\$186,073 (c)	11/1/07	
163 CITY OF MURRAY	\$1,469,778	\$1,227,741 (c)	11/1/07	
164 CITY OF RICHMOND	\$56,808,695	\$53,656,495 (c)	11/1/07	
165 REGIONAL WATER RESOURCE AGENCY	\$1,709,375	\$1,425,488 (c)	11/1/07	
166 Paducah McCracken JSA	\$4,146,560	\$1,600,000 (c)	2/7/08	
167 Bowling Green, City of	\$54,235,960	\$53,881,569 (c)	4/3/08; 11/12/09; 8/4/11	
168 Sanitation District #1	\$83,147,554	\$69,403,566 (c)	4/3/08; 6/4/09	
169 Elizabethtown, City of	\$14,580,483	\$14,580,483 (c)	4/3/08	
170 Nicholasville, City of	\$6,043,903	\$6,043,903 (c)	4/3/08	
171 Somerset, City of	\$14,897,000	\$8,138,274 (c)	4/3/08	
172 Williamstown, City of	\$18,748,000	\$15,214,408 (c)	6/2/08	
<b>TOTAL</b>	<b>\$289,309,780</b>	<b>\$250,499,329</b>		
<b>PROJECTS APPROVED IN SFY 2009</b>				
173 Hopkinsville, City of	\$4,916,100	\$0	9/4/08; withdrawn 5/11/10	
174 Lexington-Fayette Urban County Govt	\$18,354,000	\$14,045,119 (c)	1/8/09	
175 Paducah McCracken JSA	\$14,323,800	\$6,100,150 (c)	4/9/09	
176 Mt Washington, City of	\$15,000,000	\$9,061,772 (c)	5/7/09; 9/1/10	
177 Sanitation District #1	\$5,802,300	\$4,920,300 (c)	6/4/09; 6/30/11	
178 Sanitation District #1	\$7,062,000	\$5,459,988 (c)	6/4/09	
179 Sanitation District #1	\$20,108,000	\$12,735,256 (c)	6/4/09	
180 Sanitation District #1	\$6,968,000	\$4,726,828 (c)	6/4/09	
181 Sanitation District #1	\$3,287,000	\$2,149,345 (c)	6/4/09	
182 Sanitation District #1	\$12,065,000	\$8,069,123 (c)	6/4/09	
<b>TOTAL</b>	<b>\$107,886,200</b>	<b>\$67,267,880</b>		
<b>PROJECTS APPROVED IN SFY 2010</b>				
183 Kentucky Horse Park	\$1,950,000	\$717,039.80 (c)	8/6/09	
184 Maysville, City of	\$10,985,868	\$10,985,868 (c)	9/3/09	
185 Prestonsburg, City of	\$272,000	\$272,000 (c)	10/1/09; 2/4/10	
186 Prestonsburg, City of	\$786,000	\$786,000 (c)	10/1/09; 2/4/10	
187 Louisville & Jefferson Co. Metro. Sewer Dist.	\$4,847,095	\$0	10/1/09	withdrawn 10/12/10
188 Hopkinsville, City of	\$7,500,000	\$7,488,282 (c)	11/12/09	
189 Hardinsburg, City of	\$550,000	\$549,594 (c)	11/12/09	
190 Princeton, City of	\$2,475,000	\$683,354 (c)	12/3/09; 2/4/10	
191 Ashland, City of	\$7,720,231	\$6,644,995 (c)	1/7/10; 2/3/11	
192 Winchester, City of	\$37,000,000	\$36,600,000 (c)	2/4/10	
193 Prestonsburg, City of	\$4,530,405	\$1,860,405 (c)	2/4/10	
194 Oldham Co Env Auth	SX21185017 \$2,846,174	\$2,843,153 (c)	5/6/10; 7/7/11; 6/7/12	
195 Oldham Co Env Auth -	SX21185029 \$1,477,000	\$1,000,000 (c)	5/6/10; 1/5/12	
	SX21185050;			
196 Oldham Co Env Auth	SX21185036 \$2,601,420	\$2,538,415 (c)	5/6/10; 1/5/12; 6/7/12	
197 Lexington Fayette Urban County Government	\$9,030,983	\$9,030,983 (c)	6/3/10; 10/14/10	
198 Lexington Fayette Urban County Government	\$7,028,375	\$0	6/3/10; 10/14/10	withdrawn 1/31/12
<b>Total</b>	<b>\$101,600,551</b>	<b>\$82,000,089</b>		

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

TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT	DATE APPROVED
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**PROJECTS APPROVED IN SFY 2013**

253 Jenkins, City of	SX21133013	\$1,500,000	\$495,511 (c)	8/2/12
254 Frankfort, City of	SX21073058	\$9,500,000	\$8,000,000 (c)	2/7/13
255 Regional Water Resource Agency	SX21059031 SX21067045	\$858,006	\$858,006 (c)	2/7/13
256 Lexington-Fayette Urban Co Govt	SX21067047 SX21067038 SX21067043	\$5,232,640	\$4,335,913 (c)	3/7/13
257 Lexington-Fayette Urban Co Govt	SX21067044 SX21067037 SX21067039 SX21067040	\$8,888,647	\$8,888,647 (c)	3/7/13
258 Lexington-Fayette Urban Co Govt	SX21067043	\$9,998,618	\$9,998,618 (c)	3/7/13
259 Lexington-Fayette Urban Co Govt	SX21067041	\$23,902,641	\$23,902,641 (c)	3/7/13; 6/26/14
260 Lexington-Fayette Urban Co Govt	SX21067006	\$8,364,306	\$5,264,306 (c)	3/7/13
261 Pineville, City of	SX21013151	\$2,233,485	\$467,817 (c)	4/4/13; 8/4/16
262 Regional Water Resource Agency	SX21059014	\$873,183	\$873,183 (c)	5/2/13
263 Oldham Co Env Auth	SX21185052 SX21137001	\$6,650,000	\$6,500,000 (c)	5/2/13
264 Lincoln County Sanitation District	SX21137017	\$7,924,293	\$4,365,793 (c)	6/19/13; 11/5/15
<b>Total</b>		<b>\$85,925,820</b>	<b>\$73,950,436</b>	

**PROJECTS APPROVED IN SFY 2014**

265 Frankfort, City of	SX21073059	\$4,905,000	\$4,905,000	10/3/13
266 London, City of	SX21125001	\$4,391,702	\$4,371,452	10/3/13; 9/4/14
267 Regional Water Resource Agency	SX21059044	\$353,918	\$353,918 (c)	3/6/14
268 City of Vanceburg	SX21135009	\$665,000	\$665,000 (c)	4/3/14
269 Lexington-Fayette Urban Co Govt	SX21067049	\$12,217,029	\$12,217,029	6/26/14
<b>Total</b>		<b>\$22,532,649</b>	<b>\$22,512,399</b>	

**PROJECTS APPROVED IN SFY 2015**

270 Catlettsburg, City of	SX21019075	\$3,805,000	\$2,955,000	9/4/14; 5/4/17	
271 Augusta Regional Sewer Auth, Inc.	SX21023010	\$700,000	\$600,000	9/4/14	(A1)
272 Owensboro, City of	SX21059047	\$3,770,838	\$3,770,838 (c)	10/2/14; 7/2/15	
273 Morganfield, City of	SX21225024	\$4,067,200	\$3,067,200 (c)	11/6/14; 8/4/16	
274 Lexington-Fayette Urban Co Govt	SX21067048	\$67,944,188	\$67,944,188	12/4/14; 4/9/18	
275 Frankfort, City of	SX21073038	\$3,881,000	\$3,731,000	12/4/14	
276 Harrodsburg, City of	SX21167014	\$1,420,000	\$1,420,000 (c)	12/4/14	
277 Hardinsburg, City of	SX21027021	\$1,277,999	\$1,277,999 (c)	2/5/15	
278 West Point, City of	SX21093024	\$507,500	\$249,999.89 (c)	2/5/15	
279 Barbourville, City of	SX21121133	\$1,856,109	\$1,856,109 (c)	4/2/15	
280 Harrodsburg, City of	SX21167003	\$21,400,000	\$10,000,000	4/2/15	
281 Harrodsburg, City of	SX21167013	\$615,149	\$615,149 (c)	4/2/15	
282 Mountain Water District	SX21195699	\$4,070,000	\$3,472,921	4/2/15; 10/27/16	
283 Nicholasville, City of	SX21113027	\$340,980	\$340,980	4/2/15	
284 Sanitation District #1	SX21117001	\$0	\$0	4/2/15	Request for funds withdrawn
285 Sanitation District #1	SX21117006	\$2,383,820	\$2,143,820 (c)	4/2/15	
286 Corbin, City of	SX21235117	\$9,691,600	\$8,684,115 (c)	5/7/15	
287 Frankfort, City of	SX21073063	\$0	\$0	5/7/15	Request for funds withdrawn
288 Frankfort, City of	SX21073066	\$1,570,000	\$1,570,000	5/7/15	
289 Frankfort, City of	SX21073067	\$2,950,000	\$1,500,000	5/7/15	
290 Frankfort, City of	SX21073062	\$1,630,000	\$1,320,000 (c)	5/7/15	
291 Glasgow, City of	SX21009018	\$5,298,000	\$5,298,000 (c)	5/7/15; 9/26/18	
292 Liberty, City of	SX21045002	\$5,660,000	\$4,660,000	5/7/15; 12/1/16	
293 Regional Water Resource Agency	SX21059033	\$7,282,500	\$8,007,500	6/4/15; 12/6/17	
294 Regional Water Resource Agency	SX21059045	\$1,425,000	\$1,425,000	6/4/15	
295 Regional Water Resource Agency	SX21059048	\$3,058,903	\$3,058,903 (c)	6/4/15; 2/2/17	
296 Fulton, City of	SX21075003	\$1,139,000	\$1,139,000 (c)	6/4/15	
297 Owingsville, City of	SX21011022	\$0	\$0	6/4/15	Request for funds withdrawn
<b>Total</b>		<b>\$157,744,785</b>	<b>\$140,107,721</b>		

		TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT	DATE APPROVED	
<b>PROJECTS APPROVED IN SFY 2016</b>					
298	Eddyville, City of	SX21143007	\$1,484,500	\$1,398,134 (c)	7/2/15
299	Brodhead, City of	SX21203316	\$1,081,730	\$1,081,730 (c)	8/6/15
300	Hazard, City of	SX21193003	\$1,500,000	\$1,005,000 (c)	8/6/15; 8/4/16
301	Harrison Co Sanitation District	SX21097015	\$2,567,885	\$1,567,885 (c)	9/3/15
302	Elkhorn City, City of	SX21195018	\$3,429,811	\$597,939	9/3/15; 9/7/17
303	Mercer County Sanitation District	SX21167021	\$848,000	\$701,694	11/5/15
304	Prestonsburg, City of	SX21071210	\$2,033,200	\$2,033,200	11/5/15
305	Prestonsburg, City of	SX21071231	\$2,163,000	\$2,163,000	11/5/15
306	Prestonsburg, City of	SX21071235	\$1,952,900	\$1,952,900	11/5/15
307	Harrodsburg, City of	SX21167022	\$1,569,300	\$1,566,370	12/3/15
308	Morehead, City of	SX21205029	\$0	\$0	12/3/15
309	Morehead, City of	SX21205036	\$1,799,340	\$1,799,340 (c)	12/3/15
310	Southern Water & Sewer District	SX21071005	\$0	\$0	12/3/15
311	Regional Water Resource Agency	SX21059027	\$226,765	\$226,765 (c)	2/4/16; 4/7/16
312	Regional Water Resource Agency	SX21059039	\$0	\$0	2/4/16; 6/1/17
313	Regional Water Resource Agency	SX21059026	\$0	\$0	2/4/16; 6/1/17
314	Paducah McCracken County JSA	SX21145015	\$2,385,000	\$2,385,000	2/4/16
315	Hopkinsville, City of	SX21047028	\$1,500,000	\$1,500,000	3/3/16
316	Hawesville, City of	SX21091015	\$3,800,000	\$3,000,000	3/3/16
317	New Haven, City of	SX21179017	\$591,000	\$251,000	3/3/16
318	Prestonsburg, City of	SX21071007	\$600,000	\$600,000	3/3/16
319	Elizabethtown, City of	SX21093028	\$9,609,570	\$9,609,570 (c)	3/3/16
320	Salyersville, City of	SX21153003	\$370,484	\$370,484	4/7/16
321	Hodgenville, City of	SX21123005	\$970,000	\$970,000	5/5/16
322	Frankfort, City of	SX21073065	\$4,529,000	\$4,529,000	5/5/16
323	Regional Water Resource Agency	SX21059052	\$200,000	\$200,000 (c)	5/5/16
324	Butler, City of	SX21191007	\$1,080,574	\$1,080,574	6/2/16; 11/13/18
325	Marion, City of	SX21055006	\$587,200	\$587,200	6/2/16
326	Farmdale Sanitation District	SX21073082	\$321,753	\$321,753	6/2/16; 12/11/18
<b>Total</b>			<b>\$47,201,012</b>	<b>\$41,498,538</b>	
<b>PROJECTS APPROVED IN SFY 2017</b>					
327	Mountain Water District	SX21195696	\$0	\$0	8/4/16
328	Mountain Water District	SX21195025	\$299,398.88	\$299,399 (c)	8/4/16
329	Lexington-Fayette Urban Co Govt	SX21067050	\$1,286,628	\$1,286,628 (c)	9/1/16
330	Lexington-Fayette Urban Co Govt	SX21067002	\$0	\$0	9/1/16
331	Winchester, City of	SX21049028	\$1,472,980	\$1,249,088 (c)	10/27/16
332	Maysville, City of	SX21161025	\$4,000,000	\$4,000,000	10/27/16
333	Jackson, City of	SX21025008	\$1,173,000	\$593,000 (c)	10/27/16
334	Daviess County Fiscal Court	SX21059049	\$2,169,634	\$1,169,634	12/1/16
335	Louisa, City of	SX21127030	\$5,375,000	\$232,665 (c)	12/1/16
336	Frankfort, City of	SX21073073	\$2,041,000	\$2,041,000	2/2/17
337	Frankfort, City of	SX21073071	\$1,853,750	\$1,853,750	2/2/17
338	Frankfort, City of	SX21073078	\$1,954,500	\$1,954,500	2/2/17
339	Frankfort, City of	SX21073074	\$1,202,660	\$1,202,660	2/2/17
340	Frankfort, City of	SX21073075	\$2,175,965	\$2,175,965	2/2/17
341	Frankfort, City of	SX21073068	\$1,600,000	\$1,600,000	2/2/17
342	Oldham Co Env Authority	SX21185053	\$6,675,000	\$6,300,000	2/2/17
343	Williamsburg, City of	SX21235004	\$2,516,489	\$2,456,489	2/2/17
344	Stanton, City of	SX21197006	\$2,565,000	\$1,095,462	3/2/17
345	Benton, City of	SX21157020	\$1,762,666	\$1,762,666 (c)	5/4/17
346	Lexington-Fayette Urban Co Govt	SX21067057	\$9,969,585	\$9,969,585	5/4/17
347	Paducah McCracken JSA	SX21145023	\$9,100,000	\$9,100,000	6/1/17
<b>Total</b>			<b>\$59,193,256</b>	<b>\$50,342,492</b>	
<b>PROJECTS APPROVED IN SFY 2018</b>					
348	Augusta Regional Sewer Authority	SX21023005	\$12,397,000	\$5,697,000	10/5/17
349	Regional Water Resource Agency	SX21059050	\$5,619,274	\$5,619,274	12/6/17
350	Marshall County Fiscal Court	SX21157035	\$3,066,988	\$3,066,988	2/1/18
351	Elkton, City of	SX21219014	\$500,000	\$500,000	2/1/18
352	Oldham Co Env Authority	SX21185038	\$2,000,000	\$2,000,000	4/9/18
353	La Grange Utilities Commission	SX21185059	\$3,121,200	\$3,121,200	4/9/18
354	Pineville, City of	SX21013003	\$199,000	\$146,000	4/9/18
355	Paducah, City of	SX21145012	\$6,002,667	\$4,610,667	4/9/18
356	Paducah McCracken JSA	SX21035006	\$625,000	\$625,000	5/8/18
357	Marion, City of	SX21055006	\$13,405,790	\$4,801,590	6/12/18
358	Regional Water Resource Agency	SX21059054	\$2,047,000	\$2,047,000	6/12/18
<b>Total</b>			<b>\$48,983,919</b>	<b>\$32,234,719</b>	

		TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT	DATE APPROVED	
<b>PROJECTS APPROVED IN SFY 2019</b>					
359	Regional Water Resource Agency	SX21059027	\$4,595,262	\$4,180,262 (c)	7/10/18
360	Murray, City of	SX21035025	\$1,576,500	\$1,450,000	11/13/18
361	Louisville & Jefferson Co. MSD	SX21111007	\$4,445,000	\$3,870,000	12/11/18
362	Louisville & Jefferson Co. MSD	SX21111101	\$27,829,000	\$22,000,000	12/11/18
363	Corbin, City of	SX21121004	\$1,613,960	\$1,262,600	12/11/18
364	Western Mason Sanitation District	SX21161006	\$100,000	\$100,000	12/11/18
365	Lancaster, City of	SX21079019	\$324,000	\$324,000	1/8/19
366	Burkesville, City of	SX21057002	\$251,000	\$251,000	2/7/19
367	Bardstown, City of	SX21179029	\$7,000,000	\$5,400,000	2/7/19
368	La Center, City of	SX21007019	\$2,050,049	\$1,050,049	2/7/19
369	Morehead, City of	SX21205037	\$3,650,000	\$3,650,000	3/7/19
370	Lincoln County Sanitation District	SX21137023	\$388,400	\$388,400	3/7/19
371	Richmond, City of	SX21151054	\$10,142,000	\$10,142,000	4/4/19
	<b>372 Louisa, City of</b>	<b>SX21127030</b>	<b>\$3,339,588</b>	<b>\$3,106,922</b>	<b>5/7/19</b>
	<b>373 Tompkinsville, City of</b>	<b>SX21171020</b>	<b>\$2,371,148</b>	<b>\$861,148</b>	<b>5/7/19</b>
	<b>374 Paducah McCracken Co JSA</b>	<b>SX21145027</b>	<b>\$5,193,000</b>	<b>\$5,193,000</b>	<b>5/7/19</b>
	<b>375 Paducah McCracken Co JSA</b>	<b>SX21145017</b>	<b>\$2,476,652</b>	<b>\$2,476,652</b>	<b>5/7/19</b>
	<b>Total</b>		<b>\$77,345,559</b>	<b>\$65,706,033</b>	
<b>GRAND TOTALS - COMMITMENTS</b>			<b>\$1,898,828,893</b>	<b>\$1,501,440,170</b>	

***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><u>\$48,793,482</u></u>

	TOTAL PROJECT AMOUNT	KIA AMOUNT	FIRST USE FUNDS	DATE APPROVED
<b>PROJECTS APPROVED IN SFY 2009:</b>				
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
<b>TOTALS</b>	<u><b>\$19,563,325</b></u>	<u><b>\$13,265,418</b></u>	<u><b>\$13,265,418</b></u>	
<b>PROJECTS APPROVED IN SFY 2010:</b>				
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 (c)	\$926,445	5/5/11; revised from base fdg
<b>TOTALS</b>	<u><b>\$63,487,044</b></u>	<u><b>\$35,528,064</b></u>	<u><b>\$35,528,064</b></u>	
<b>GRAND TOTALS - COMMITMENTS</b>	<u><b>\$83,050,369</b></u>	<u><b>\$48,793,482</b></u>	<u><b>\$48,793,482</b></u>	
<b>BALANCE AVAILABLE FOR LOAN</b>			<u><u><b>\$0</b></u></u>	

*bold, italics - pending board approval*

(c) - Final amounts; Loan has been closed

(s) - Amount represented in the assistance agreement

**KENTUCKY INFRASTRUCTURE AUTHORITY  
INFRASTRUCTURE REVOLVING LOAN FUND ----- (FUND B)**

TOTAL AUTHORIZATIONS FYS 1989-90: \$20,000,000  
 TOTAL AUTHORIZATIONS FYS 1991-92: \$14,000,000  
 TOTAL AUTHORIZATIONS FYS 1993-94: \$15,000,000  
 TOTAL DEAUTHORIZATION FYS 1995-96: (\$3,504,592)

**TOTAL 1989-2014: \$45,495,408**

Revolving Available to Loan/Grant Before Current Meeting **\$0**

	TOTAL INFRASTRUCTURE AMOUNT	KIA Grnt/Prin Forg AMOUNT	KIA Loan AMOUNT	GENERATED PRIVATE INVESTMENT	JOBS CREATED	DATE APPROVED	COMMENTS
<b>PROJECTS APPROVED IN FY 1989:</b>							
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	
	<b>TOTALS</b>	<b>\$10,130,869</b>	<b>\$7,388,294</b>	<b>\$126,342,070</b>	<b>1,489</b>		
<b>PROJECTS APPROVED IN FY 1990:</b>							
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	
	<b>TOTALS</b>	<b>\$10,189,956</b>	<b>\$4,819,914</b>	<b>\$43,929,320</b>	<b>1,899</b>		
<b>PROJECTS APPROVED IN FY 1991:</b>							
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)	
	<b>TOTALS</b>	<b>\$5,764,079</b>	<b>\$2,662,259</b>	<b>\$46,900,000</b>	<b>1,487</b>		
<b>PROJECTS APPROVED IN FY 1992:</b>							
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	SCOTTSDALE, 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 (S)	\$297,000	\$203,233 (c)	\$0		02-25-92	
27	LIVERMORE, CITY OF	\$86,039	\$86,039 (c)	\$0	12	06-26-92	
	<b>TOTALS</b>	<b>\$11,509,856</b>	<b>\$7,585,339</b>	<b>\$35,331,899</b>	<b>708</b>		
<b>PROJECTS APPROVED IN FY 1993:</b>							
28	MARION, CITY OF	\$1,218,460	\$379,510 (c)	\$1,412,000	40	12-17-92	
29	DAVIESS 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)	
	<b>TOTALS</b>	<b>\$12,188,789</b>	<b>\$7,474,447</b>	<b>\$359,412,000</b>	<b>1,320</b>		
<b>PROJECTS APPROVED IN FY 1994:</b>							
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)	
	<b>TOTALS</b>	<b>\$38,849,110</b>	<b>\$21,645,392</b>	<b>\$781,897,434</b>	<b>3,363</b>		
<b>PROJECTS APPROVED IN FY 1995:</b>							
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	
	<b>TOTALS</b>	<b>\$8,713,832</b>	<b>\$4,408,243</b>	<b>\$0</b>	<b>1,558</b>		
<b>PROJECTS APPROVED IN FY 1996:</b>							
* 32	OAK GROVE, CITY OF	\$787,990	\$498,295 (c)	\$0	134	05-14-96	
33	MOUNT STERLING, CITY OF	\$2,467,009	\$2,467,009 (c)	\$0	400	05-14-96	
	<b>TOTALS</b>	<b>\$3,254,999</b>	<b>\$2,965,304</b>	<b>\$0</b>	<b>534</b>		
<b>PROJECTS APPROVED IN FY 1997:</b>							
34	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	
	<b>TOTALS</b>	<b>\$1,611,878</b>	<b>\$828,000</b>	<b>\$0</b>	<b>125</b>		

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

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

	TOTAL INFRASTRUCTURE AMOUNT	KIA Grnt/Prin Forg AMOUNT	KIA Loan AMOUNT	GENERATED PRIVATE INVESTMENT	JOBS CREATED	DATE APPROVED	COMMENTS
<b>PROJECTS APPROVED IN FY2017:</b>							
141	Hustonville, City of	\$75,639	\$0	\$75,639 (c)	\$0 NA	08/04/2016	water - WX21137050
142	Lawrenceburg, City of	\$1,985,000	\$0	\$1,200,000	\$0 NA	08/04/2016	sewer - SX21005006
143	Calvert City, City of	\$576,113	\$0	\$463,537 (c)	\$0 NA	09/01/2016	water - WX21157017
144	Northeast Woodford County Water District	\$400,000	\$0	\$400,000	\$0 NA	10/27/2016	water - WX21239032
145	New Castle, City of	\$890,000	\$0	\$428,913.77 (c)	\$0 NA	12/01/2016	sewer/water - SX21103012/WX21103059
146	Bardstown, City of	\$1,220,499	\$0	\$1,220,499 (c)	\$0 NA	12/1/16; 5/4/17	water - WX21179030
147	Bowling Green, City of	\$2,000,000	\$0	\$2,000,000	\$0 NA	12/01/2016	water - WX21227076
148	South Hopkins Water District	\$765,000	\$0	\$765,000	\$0 NA	03/02/2017	water - WX21107052
149	Bardstown, City of	\$1,129,000	\$0	\$1,129,000	\$0 NA	5/4/17; 3/1/18	water - WX21179031
150	Mayfield, City of	\$849,000	\$0	\$849,000	\$0 NA	06/01/2017	sewer/water - SX21083058/WX21083041
151	Regional Water Resource Agency	\$500,000	\$0	\$500,000	\$0 NA	06/01/2017	sewer - SX21059039
152	Regional Water Resource Agency	\$417,101	\$0	\$417,101 (c)	\$0 NA	06/01/2017	sewer - SX21059026
<b>TOTALS</b>		<b>\$10,807,352</b>	<b>\$0</b>	<b>\$9,448,690</b>	<b>\$0</b>	<b>0</b>	
<b>PROJECTS APPROVED IN FY2018:</b>							
153	Guthrie, City of	\$1,163,825	\$0	\$1,163,825	\$0 NA	10/05/2017	sewer/water - SX21219022/WX21219008
154	Elkhorn Water District	\$880,000	\$0	\$850,000	\$0 NA	10/05/2017	water - WX21073021
155	Lewisburg, City of	\$250,000	\$0	\$250,000	\$0 NA	12/06/2017	sewer - SX21141014
156	Albany, City of	\$515,000	\$0	\$53,000 (c)	\$0 NA	02/01/2018	water - WX21053014
157	Flemingsburg, City of	\$416,820	\$0	\$132,046	\$0 NA	02/01/2018	sewer - SX21069019
158	Kentucky Dept of Parks - Taylorsville Lake	\$856,000	\$0	\$788,550 (c)	\$0 NA	02/01/2018	sewer - SX21215005
159	Cannonsburg Water District	\$85,000	\$0	\$85,000	\$0 NA	06/12/2018	water - WX21089035
160	Hopkinsville Electric System	\$4,300,000	\$0	\$2,500,000	\$0 NA	06/12/2018	broadband
161	Marion County Water District	\$950,000	\$0	\$950,000	\$0 NA	06/12/2018	water - WX21155022
<b>TOTALS</b>		<b>\$9,416,645</b>	<b>\$0</b>	<b>\$6,772,421</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>
<b>PROJECTS APPROVED IN FY2019:</b>							
162	Calvert City, City of	\$610,800	\$0	\$542,900	\$0 NA	09/26/2018	water - WX21035006
163	Mount Washington, City of	\$1,599,630	\$0	\$1,599,630	\$0 NA	09/26/2018	water - WX21029293
164	Murray, City of	\$4,592,253	\$0	\$1,500,000	\$0 NA	11/13/2018	water - WX21035037
165	Laurel County Water District #2	\$1,775,000	\$0	\$445,000	\$0 NA	11/13/2018	water - WX21125020
166	Warren County Water District	\$3,056,000	\$0	\$2,000,000	\$0 NA	12/11/2018	sewer - SX21227082
167	Hickman, City of	\$397,000	\$0	\$397,000	\$0 NA	04/04/2019	water - WX21075020
<b>TOTALS</b>		<b>\$12,030,683</b>	<b>\$0</b>	<b>\$6,484,530</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>
<b>GRAND TOTALS</b>		<b>\$286,074,014</b>	<b>\$3,875,156</b>	<b>\$146,431,000</b>	<b>\$1,566,812,723</b>	<b>13,536</b>	

**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
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**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	
<b>TOTALS</b>	<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)
<b>TOTALS</b>	<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	09/01/1998	
13 CITY OF MIDWAY	\$4,760,971	\$3,500,000	06/06/2000	
14 CITY OF HINDMAN	\$3,000,000	\$3,000,000	07/28/1999	
<b>TOTALS</b>	<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	
<b>TOTALS</b>	<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	06/06/2000	
17 FLEMING CO WATER COMM	75,000.00	75,000.00	02/01/2001 (AA date)	
18 FLEMING CO '201' SEWER PLANNING	50,000.00	50,000.00	10/01/2001 (AA date)	
19 CITY OF WURLAND	25,000.00	25,000.00	10/01/2001 (AA date)	
20 SPURLOCK & LITTLE MUD CREEK	300,000.00	300,000.00	08/17/2001 (AA date)	
21 PIKE COUNTY - TAYLOR FORK	50,000.00	50,000.00	08/06/2001 (AA date)	
22 SOUTHERN MADISON WATER DISTRICT	200,000.00	200,000.00	03/01/2001 (AA date)	
23 HENDERSON CO WATER DISTRICT	500,000.00	500,000.00	08/20/2001 (AA date)	
24 LEWIS CO WATER & SEWER	500,000.00	500,000.00	11/22/2000	
25 GREEN CO WATER & SEWER	500,000.00	500,000.00	08/06/2001 (AA date)	
26 LARUE COUNTY FISCAL COURT	750,000.00	750,000.00	08/06/2001 (AA date)	
27 CARROL COUNTY FISCAL COURT	250,000.00	250,000.00	08/01/2001 (AA date)	
28 CITY OF RACELAND	25,000.00	25,000.00	09/21/2001 (AA date)	
29 CITY OF WORTHINGTON	25,000.00	25,000.00	08/06/2001 (AA date)	
30 CITY OF FLATWOODS	25,000.00	25,000.00	10/01/2001 (AA date)	
<b>TOTALS</b>	<u>3,925,000.00</u>	<u>3,925,000.00</u>		(rif)

TOTAL INFRASTRUCTURE AMOUNT	KIA AMOUNT	DATE APPROVED	COMMENTS
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**PROJECTS APPROVED JULY 1, 2001 THROUGH JUNE 30, 2002:**

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

**TOTALS** \$78,320,310 \$16,315,246 (rif)

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

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

**TOTALS** \$1,834,340 \$1,570,000 (rif)

**PROJECTS APPROVED IN FY2008:**

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

**TOTALS** \$844,650 \$844,650

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

***bold, italics - pending board approval***

(s) - Amount represented in the assistance agreement

(c) - Grant has been closed.

(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
<b>TOTAL 1991 - 1998</b>	<b><u>\$28,283,414</u></b>

TOTAL INFRASTRUCTURE AMOUNT	KIA AMOUNT	INTEREST RATE	AREA DEVELOPMENT DISTRICT	DATE APPROVED	COMMENTS
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**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	
	<b>TOTALS</b>	<b><u>\$37,672,835</u></b>	<b><u>\$26,119,616</u></b>					

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

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

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

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

	TOTAL PROJECT AMOUNT	KIA AMOUNT	DATE APPROVED	COMMENTS	
<b>Fd C Available to Loan/Grant Before Current Meeting</b>		\$1,523,311			
ORIGINAL KENTUCKY POLLUTION ABATEMENT AUTHORITY LOANS (42) REFINANCED BY THE KENTUCKY INFRASTRUCTURE AUTHORITY (1989)		<b>\$32,025,000</b>			
<b><u>PROJECTS APPROVED IN FY 1989:</u></b>					
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
	<b>TOTALS</b>	<b>\$38,061,943</b>	<b>\$21,411,392</b>		
<b><u>PROJECTS APPROVED IN FY 1990:</u></b>					
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
	<b>TOTALS</b>	<b>\$11,576,356</b>	<b>\$5,695,729</b>		
<b><u>PROJECTS APPROVED IN FY 1991:</u></b>					
26	U.S. 60 WATER DISTRICT	\$391,065	\$202,400	(c)	08-16-90
27	EDMONTON, CITY OF	\$727,621	\$502,621	(c)	08-16-90
28	MUNFORDVILLE, CITY OF	\$107,320	\$100,850	(c)	09-26-90
29	LEXINGTON-SOUTH ELKHORN WATER DIST	\$1,750,000	\$1,712,000	(c)	03-28-91
30	PADUCAH-MCCRACKEN JOINT SEWER COM	\$583,445	\$450,884	(c)	03-28-91 ASSUMED FROM REIDLAND WSD
31	SOUTH GRAVES COUNTY WATER DISTRICT	\$728,605	\$728,605	(c)	06-20-91 (REAP. 12-17-92)(AMD. 11-10-97)(AMD 8-7-03)
32	TRIMBLE COUNTY WATER DISTRICT	\$342,103	\$328,603	(c)	06-20-91 (REAP. 9-16-91)
33	HENDERSON COUNTY WATER DISTRICT #2	\$633,013	\$325,000	(c)	06-20-91
	<b>TOTALS</b>	<b>\$5,263,172</b>	<b>\$4,350,963</b>		
<b><u>PROJECTS APPROVED IN FY 1992:</u></b>					
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
	<b>TOTALS</b>	<b>\$4,361,311</b>	<b>\$2,715,815</b>		
<b><u>PROJECTS APPROVED IN FY 1993:</u></b>					
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
	<b>TOTALS</b>	<b>\$3,811,593</b>	<b>\$2,448,985</b>		

	TOTAL PROJECT AMOUNT	KIA AMOUNT		DATE APPROVED	COMMENTS
<b><u>PROJECTS APPROVED IN FY 1994:</u></b>					
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)
	<b>TOTALS</b>	<b>\$8,349,219</b>	<b>\$4,547,794</b>		
<b><u>PROJECTS APPROVED IN FY 1995:</u></b>					
53	CARLISLE, CITY OF	\$715,000	\$425,895	(c)	11-29-94
** 54	HENRY COUNTY WATER DISTRICT #2	\$8,426,000	\$5,026,000	(s)(n)	03-31-95 (AMD. 12-5-95)
55	MCLEAN CO REGIONAL WTR COMMISSION	\$506,100	\$453,299		5-30-95; 2-4-16 Assumed from City of Calhoun
	<b>TOTALS</b>	<b>\$9,647,100</b>	<b>\$5,905,194</b>		
<b><u>PROJECTS APPROVED IN FY 1996:</u></b>					
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
	<b>TOTALS</b>	<b>\$2,330,900</b>	<b>\$1,975,226</b>		
<b><u>PROJECTS APPROVED IN FY 1997:</u></b>					
58	EAST PENDLETON WATER DISTRICT	\$202,004	\$219,856	(c)	6-19-97
	<b>TOTALS</b>	<b>\$202,004</b>	<b>\$219,856</b>		
<b><u>PROJECTS APPROVED IN FY 1998:</u></b>					
	<b>TOTALS</b>	<b>\$0</b>	<b>\$0</b>		
<b><u>PROJECTS APPROVED IN FY 1999:</u></b>					
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
	<b>TOTALS</b>	<b>\$10,757,636</b>	<b>\$4,850,465</b>		
<b><u>PROJECTS APPROVED IN FY 2001:</u></b>					
62	BARLOW, CITY OF	\$416,000	\$237,714	(c)	3/1/01
	<b>TOTALS</b>	<b>\$416,000</b>	<b>\$237,714</b>		
<b><u>PROJECTS APPROVED IN FY 2002:</u></b>					
63	OLDHAM COUNTY WATER DISTRICT	\$7,043,642	\$5,560,339	(c)	7/12/01
	<b>TOTALS</b>	<b>\$7,043,642</b>	<b>\$5,560,339</b>		
<b><u>PROJECTS APPROVED IN FY 2003:</u></b>					
* 64	MCCREARY COUNTY FISCAL COURT	7,996,000	1,474,999	(c)	09/05/2002
* 65	NICHOLASVILLE, CITY OF	4,310,000	4,160,000	(c)	10/03/2002
66	SOUTHERN WATER & SEWER	6,874,900	0		01/09/2003 Withdrawn - Replaced with Coal Sev
67	MEADE COUNTY WATER DISTRICT	919,760	0		06/05/2003 Withdrawn - Replaced with Fd F loan
	<b>TOTAL</b>	<b>\$7,996,000</b>	<b>\$5,634,999</b>		
<b><u>PROJECTS APPROVED IN FY 2004:</u></b>					
68	KNOTT CO WATER & SEWER DISTRICT	\$2,628,821	\$640,367		08/07/2003
* 69	CAWOOD WATER DISTRICT	\$2,020,000	\$500,000		12/04/2003
* 70	BLACK MTN UTILITIES DISTRICT	\$2,295,000	\$250,000	(c)	01/08/2004
	<b>TOTAL</b>	<b>\$6,943,821</b>	<b>\$1,390,367</b>		
<b><u>PROJECTS APPROVED IN FY 2005:</u></b>					
* 71	NORTONVILLE, CITY OF	\$5,300,000	\$2,768,556	(c)	09/02/2004
* 72	JOHNSON CO FISCAL COURT	\$1,317,000	\$0		12/09/2004 Withdrawn
* 73	PEAKS MILL WATER DISTRICT	\$1,626,900	\$946,900	(c)	05/05/2005
	<b>TOTAL</b>	<b>\$8,243,900</b>	<b>\$3,715,456</b>		
<b><u>PROJECTS APPROVED IN FY 2007:</u></b>					
* 74	MAYFIELD, CITY OF	\$393,250	\$389,255	(c)	05/10/2007 broadband
	<b>TOTAL</b>	<b>\$393,250</b>	<b>\$389,255</b>		

	TOTAL PROJECT AMOUNT	KIA AMOUNT		DATE APPROVED	COMMENTS
<b><u>PROJECTS APPROVED IN FY 2008:</u></b>					
* 75	\$1,219,995	\$796,140	(c)	11/01/2007	water
* 76	\$1,378,708	\$948,348	(c)	11/01/2007	water
* 77	\$6,000,000	\$6,000,000	(c)	06/05/2008	water
	<b>TOTAL</b>	<b>\$8,598,703</b>			<b>\$7,744,488</b>
<b><u>PROJECTS APPROVED IN FY 2009:</u></b>					
* 78	\$1,147,500	\$248,294	(c)	10/02/2008	sewer
	<b>TOTAL</b>	<b>\$1,147,500</b>			<b>\$248,294</b>
<b><u>PROJECTS APPROVED IN FY 2010:</u></b>					
* 79	\$1,800,000	\$1,800,000	(c)	10/01/2009; 8/4/2011	industrial park transmission
* 80	\$5,050,000	\$3,500,000	(c)	10/01/2009	water
	<b>TOTAL</b>	<b>\$6,850,000</b>			<b>\$5,300,000</b>
<b><u>PROJECTS APPROVED IN FY 2011:</u></b>					
* 81	\$621,000	\$621,000	(c)	03/03/2011	water main replacement
	<b>TOTAL</b>	<b>\$621,000</b>			<b>\$621,000</b>
<b><u>PROJECTS APPROVED IN FY 2012:</u></b>					
* 82	\$1,114,400	\$823,900	(c)	10/06/2011	Buchanan Park Sewer Extension
* 83	\$3,687,038	\$3,687,038	(c)	2/2/12; 6/12/18	Cable Build Project #2
* 84	\$554,126	\$554,126	(c)	04/12/2012	Filters Upgrade
	<b>TOTAL</b>	<b>\$5,355,564</b>			<b>\$5,065,064</b>
<b><u>PROJECTS APPROVED IN FY 2014:</u></b>					
* 85	\$1,190,489	\$1,190,489	(c)	02/06/2014	WX21227077 - Reservoir Hill Piping Renovation Project
* 86	\$3,364,860	\$3,000,000	(c)	06/26/2014	SX21009017 - New sewer basin
	<b>TOTAL</b>	<b>\$4,555,349</b>			<b>\$4,190,489</b>
<b><u>PROJECTS APPROVED IN FY 2015:</u></b>					
* 87	\$1,500,000	\$1,200,000	(c)	10/02/2014	SX21151036 - Muddy Creek Waste Water Treatment Plant
* 88	\$963,970	\$963,970	(c)	11/06/2014	WX21151058 - Raw Water Intake Electric Relocation
* 89	\$1,760,700	\$1,090,050	(c)	02/15/2015	SX21227047 - Alvaton Area Sewer Extension
	<b>TOTAL</b>	<b>\$4,224,670</b>			<b>\$3,254,020</b>
<b><u>PROJECTS APPROVED IN FY 2016:</u></b>					
* 90	\$1,324,716	\$1,324,716	(c)	04/07/2016	WX21083029 - Pinelake, 12th Street and Fuller Tank Rehabilitation
	<b>TOTAL</b>	<b>\$1,324,716</b>			<b>\$1,324,716</b>
<b><u>PROJECTS APPROVED IN FY 2017:</u></b>					
* 91	\$3,437,500	\$3,437,500		09/01/2016	WX21029290 - New Water Tower at Armstrong Lane
* 92	\$4,800,000	\$4,800,000		12/01/2016	WX21227076 - Water Treatment Plant Alternate Disinfection Process
* 93	\$263,509	\$263,509	(c)	02/02/2017	SX21089114 - Rehabilitation of Collection and Transmission Systems
	<b>TOTAL</b>	<b>\$8,501,009</b>			<b>\$8,501,009</b>
<b><u>PROJECTS APPROVED IN FY 2018:</u></b>					
* 94	\$46,540,000	\$4,540,000		7/6/17; 8/2/18	WX21227087 - Eng Fees for Wtr Treatment Plant Expansion
* 95	\$988,979	\$988,979		12/06/2017	N/A - Refinance of F00-01
* 96	\$2,284,113	\$2,284,113		12/06/2017	N/A - Refinance of F02-08
* 97	\$800,281	\$800,281		12/06/2017	N/A - Refinance of F03-02
* 98	\$1,784,102	\$1,784,102		12/06/2017	N/A - Refinance of F03-01
* 99	\$738,605	\$738,605		12/06/2017	N/A - Refinance of F03-04
* 100	\$4,300,000	\$1,800,000		06/12/2018	Broadband
	<b>TOTAL</b>	<b>\$57,436,080</b>			<b>\$12,936,081</b>

	TOTAL PROJECT AMOUNT	KIA AMOUNT	DATE APPROVED	COMMENTS
<b>PROJECTS APPROVED IN FY 2019:</b>				
* 101 Lebanon, City of	\$50,000	\$50,000	07/10/2018	Surplus Property Equipment
* 102 Warren County Water District	\$2,176,573	\$2,000,000	12/11/2018	WX21227053 - New water storage tank
<b>TOTAL</b>	<b>\$2,226,573</b>	<b>\$2,050,000</b>		
<b>KIA TOTALS</b>	<b>\$226,239,012</b>	<b>\$122,284,710</b>		
<b>GRAND TOTALS (including KPAA)</b>		<b>\$154,309,710</b>		

***bold, italics - pending board approval***

\* Bonds have not been sold for these projects.

\*\* Withdrew from bond sale.

(s) - Amount represented in the assistance agreement.

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

(n) - Participating in BAN's

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

**AVAILABLE FUNDS FY 1997:**

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 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 14 SRF FUNDS	\$12,393,000

**AVAILABLE FUNDS FY 2015:**

FEDERAL TITLE VI GRANT FUNDS	\$13,680,000
BOND PROCEEDS (20%)	\$2,736,000
ADMINISTRATION (4%)	(\$547,200)
OTHER SET ASIDES	(\$3,693,600)
NET 15 SRF FUNDS	\$12,175,200

**AVAILABLE FUNDS FY 2016:**

FEDERAL TITLE VI GRANT FUNDS	\$12,941,000
BOND PROCEEDS (20%)	\$2,588,200
ADMINISTRATION (4%)	(\$517,640)
OTHER SET ASIDES	(\$3,623,480)
NET 16 SRF FUNDS	\$11,388,080

**AVAILABLE FUNDS FY 2017:**

FEDERAL TITLE VI GRANT FUNDS	\$12,830,000
BOND PROCEEDS (20%)	\$2,566,000
ADMINISTRATION (4%)	(\$513,200)
OTHER SET ASIDES	(\$3,592,400)
NET 17 SRF FUNDS	\$11,290,400

**AVAILABLE FUNDS FY 2018:**

FEDERAL TITLE VI GRANT FUNDS	\$18,303,000
BOND PROCEEDS (20%)	\$3,660,600
ADMINISTRATION (4%)	(\$732,120)
OTHER SET ASIDES	(\$5,124,840)
NET 18 SRF FUNDS	\$16,106,640

**AVAILABLE FUNDS FY 2019:**

FEDERAL TITLE VI GRANT FUNDS	\$0
BOND PROCEEDS (20%)	\$0
ADMINISTRATION (4%)	\$0
OTHER SET ASIDES	\$0
NET 19 SRF FUNDS	\$0

**AVAILABLE FUNDS FY 2008:**

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

<b>ACCUMULATED SRF FUNDS</b>	<u>\$251,051,995</u>
<b>CURRENT REVOLV/SURPL FUND BAL</b>	<u>\$ 86,453,034</u>
<b>LEVERAGE FUND BALANCE</b>	<u>\$0</u>

TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT	DATE APPROVED	COMMENTS
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**PROJECTS APPROVED IN FY 2000**

1 HICKMAN, CITY OF	\$52,500	\$31,500 (s)	12/10/1999	F1
2 BOWLING GREEN, CITY OF	\$3,441,785	\$3,049,314 (c)	04/04/00	
3 PROVIDENCE, CITY OF	\$130,880	\$58,440 (c)	04/04/00	F1
4 GRAYSON, CITY OF	\$170,000	\$88,000 (c)	04/04/00	F1
<b>TOTALS</b>	<b>\$3,795,165</b>	<b>\$3,227,254</b>		

**PROJECTS APPROVED IN FY2001**

5 PRINCETON, CITY OF	\$3,858,000	\$1,500,000 (c)	07/18/2000	
6 HARDINSBURG, CITY OF	\$2,096,910	\$500,000 (c)	07/18/2000	
7 PROVIDENCE, CITY OF	\$3,442,422	\$2,383,982 (c)	9/29/00	
8 SPRINGFIELD, CITY OF	\$5,791,000	\$610,000 (c)	8/29/00	
9 MOREHEAD, CITY OF	\$13,325,000	\$5,500,000 (c)	9/29/00; Amd 5/16/01; Amd 5/1/03	Combined from 2 proj.
10 HICKMAN, CITY OF	\$1,642,623	\$869,023 (c)	9/29/00	
11 GREATER FLEMING CO REG WAT COM	\$357,500	\$357,500 (c)	12/21/00; 2/1/05	Land Acq Set Aside
12 ASHLAND, CITY OF	\$2,512,626	\$2,190,384 (c)	3/1/01	
13 GRAYSON COUNTY WATER DISTRICT	\$4,400,000	\$3,930,850 (c)	4/5/01	
14 PINEVILLE, CITY OF	\$173,222	\$173,222 (c)	5/3/01	
<b>TOTALS</b>	<b>\$37,599,303</b>	<b>\$18,014,961</b>		

**PROJECTS APPROVED IN FY2002**

15 LOGAN/TODD REG WAT COM	\$7,773,200	\$6,442,400 (c)	07/12/01	
16 CRITTENDEN/LIVINGSTON CO WD	\$1,500,000	\$1,451,881 (c)	07/12/01	
17 BULLOCK PEN WATER DISTRICT	\$408,088	\$350,367 (c)	10/4/01	
18 MOUNTAIN WATER DISTRICT	\$5,369,590	\$1,197,072 (c)	10/4/01	
19 GRAYSON, CITY OF	\$5,896,855	\$2,808,855 (c)	11/1/01; 12/12/02	Exec Com
20 LOGAN/TODD REG WAT COM	\$27,369,858	\$4,000,000 (c)	2/7/02	
21 NORTH LOGAN WATER DIST	\$800,000	\$447,000 (c)	3/7/02	
22 TAYLORSVILLE, CITY OF	\$2,800,000	\$1,241,766 (c)	5/2/02	
23 HOPKINSVILLE, CITY OF	\$1,513,593	\$1,513,593 (c)	6/6/02	
24 LOUISA, CITY OF	\$6,736,238	\$3,645,811 (c)	6/6/02	
25 BOONEVILLE, CITY OF	\$687,000	\$554,103 (c)	6/6/02	
<b>TOTALS</b>	<b>\$60,854,422</b>	<b>\$23,652,849</b>		

**PROJECTS APPROVED IN FY2003**

26 MADISON CO UTILITY DISTRICT	\$3,560,000	\$3,299,999 (c)	7/11/02; 1/1/05	
27 BOWLING GREEN MUNICIPAL UTILITIES	\$12,244,000	\$3,980,000 (c)	9/25/02	
28 GREATER FLEMING REG WAT COMM	\$252,130	\$252,130 (c)	10/3/02	Land Acq Set Aside
29 BRACKEN CO WATER DISTRICT	\$928,000	\$928,000 (c)	10/3/02	
30 BULLOCK PEN WATER DISTRICT	\$1,229,000	\$1,210,604 (c)	12/12/02	Exec Com
31 CITY OF ASHLAND	\$14,459,550	\$4,000,000 (c)	6/5/03	
<b>TOTALS</b>	<b>\$32,672,680</b>	<b>\$13,670,733</b>		

**PROJECTS APPROVED IN FY2004**

32 CARROLL CO WATER DISTRICT	\$1,956,156	\$1,908,662 (c)	9/4/03	
33 PAINTSVILLE, CITY OF	\$1,056,500	\$500,000 (c)	9/4/03	F1
34 EDDYVILLE, CITY OF	\$3,768,000	\$1,563,625 (c)	11/6/03	
35 HARLAN, CITY OF	\$5,020,000	\$1,597,552 (c)	11/6/03	
36 GREATER FLEMING REG WAT COM	\$13,059,330	\$4,000,000 (c)	12/4/03; 1/8/04	
37 MEADE COUNTY WATER DISTRICT	\$919,760	\$394,760 (c)	12/4/03	
38 HENDERSON WATER UTILITY	\$1,541,362	\$0	2/12/04	withdrawn
<b>TOTALS</b>	<b>\$27,321,108</b>	<b>\$9,964,599</b>		

**PROJECTS APPROVED IN FY2005**

39 MCCREARY CO WATER DISTRICT	\$4,206,815	\$1,455,400 (c)	10/7/04	
40 MANCHESTER, CITY OF	\$359,500	\$359,500 (c)	3/3/05	F1
41 RICHMOND, CITY OF	\$14,690,222	\$8,000,000 (c)	5/5/05	
<b>TOTALS</b>	<b>\$19,256,537</b>	<b>\$9,814,900</b>		

**PROJECTS APPROVED IN FY 2006**

42 HARDINSBURG, CITY OF	\$14,498,150	\$4,400,000 (c)	12/1/05; amd 8/1/07	
43 ADAIR CO WD DBA COLUMBIA/ADAIR UTIL DIST	\$14,000,000	\$4,520,000 (c)	6/1/06; 11/1/12	assumed from Columbia-Adair Wat Com
44 HOPKINSVILLE, CITY OF	\$6,844,310	\$4,000,000 (c)	6/1/06	
<b>TOTALS</b>	<b>\$35,342,460</b>	<b>\$12,920,000</b>		

**PROJECTS APPROVED IN FY 2007**

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	
<b>TOTALS</b>	<b>\$11,917,000</b>	<b>\$6,746,043</b>		

	<b>TOTAL PROJECT AMOUNT</b>	<b>KIA LOAN AMOUNT</b>		<b>DATE APPROVED</b>	<b>COMMENTS</b>
<b><u>PROJECTS APPROVED FY 2008</u></b>					
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	
	<b>TOTALS</b>	<b>\$101,771,370</b>	<b>\$53,926,559</b>		
<b><u>PROJECTS APPROVED FY2009</u></b>					
64	PAINTSVILLE, CITY OF	\$29,135,364	\$6,519,566 (c)	12/4/08	
	<b>TOTALS</b>	<b>\$29,135,364</b>	<b>\$6,519,566</b>		
<b><u>PROJECTS APPROVED FY2010</u></b>					
65	PADUCAH, CITY OF	\$7,510,000	\$7,282,508 (c)	9/3/09	
66	HARDINBURG, CITY OF	\$4,700,500	\$3,250,606 (c)	11/12/09	
67	NORTHERN KY WATER DISTRICT	\$45,300,000	\$24,000,000 (c)	12/3/09; 12/9/10; 10/6/11	
68	ADAIR CO WD DBA COLUMBIA/ADAIR UTIL DIST	\$1,694,000	\$1,694,000 (c)	6/3/10; 11/1/12	assumed from Columbia-Adair Wat Com
	<b>TOTALS</b>	<b>\$59,204,500</b>	<b>\$36,227,115</b>		
<b><u>PROJECTS APPROVED FY2011</u></b>					
69	Adair Co Water District	\$4,133,000	\$4,000,000 (c)	7/1/10	
70	Louisa, City of	\$1,690,629	\$1,690,629 (c)	7/1/10	
71	Madison County Utilities District	\$940,225	\$940,225 (c)	12/9/10	
72	Hardinsburg, City of	\$4,198,000	\$4,000,000 (c)	2/3/11; 6/24/14	Request for increase withdrawn
73	Williamstown, City of	\$2,250,000	\$1,786,300 (c)	3/3/11	
74	Bullock Pen Water District	\$1,876,300	\$1,796,300 (c)	4/7/11; 11/01/12	
75	Brandenburg, City of	\$0	\$0	4/7/11	Request for funds withdrawn
76	Barbourville, City of	\$6,000,000	\$4,000,000 (c)	5/5/11	
77	Barlow, City of	WX21007022 \$520,000	\$430,000 (c)	5/5/11; 3/7/13	
78	West Liberty, City of	WX21007020 \$3,050,300	\$2,148,488.70 (c)	5/5/11; revised for ARRA fdg	
	<b>TOTALS</b>	<b>\$24,658,454</b>	<b>\$20,791,942</b>		
<b><u>PROJECTS APPROVED FY2012</u></b>					
79	Breathitt Co Water District	\$2,500,000	\$2,500,000 (c)	7/7/11	
80	Adair Co WD dba Columbia Adair Utilities	\$3,439,000	\$1,451,905 (c)	8/4/11	
81	Jessamine South Elkhorn WD	\$3,025,300	\$3,025,300 (c)	11/10/11	
82	Hodgenville, City of	\$772,443	\$772,443 (c)	11/10/11	
83	East Casey County WD	\$1,545,000	\$1,545,000 (c)	11/10/11	
84	Nicholasville, City of	\$0	\$0	11/10/11	rescinded
85	Harrodsburg, City of	WX21167013 \$518,000	\$518,000 (c)	12/8/11; 3/7/13	
86	Bowling Green Municipal Utilities	\$1,316,378	\$1,066,250 (c)	12/8/11	
87	Carrollton, City of	\$1,850,270	\$1,977,731 (c)	12/8/11	
88	Mount Vernon, City of	WX21203523 \$3,023,310	\$3,023,310 (c)	1/5/12; 10/2/14	
89	Lyon Co WD	\$2,000,000	\$2,000,000 (c)	1/5/12	
90	Campbellsville, City of	WX21217003 \$1,874,986	\$1,874,986 (c)	3/1/12	
91	Centertown, City of	WX21183030; WX21183031 \$922,850	\$922,850 (c)	3/1/12	
92	Sturgis, City of	WX21225034 \$2,505,989	\$2,505,989 (c)	3/1/12	
93	Hartford, City of	WX21183020 \$564,150	\$486,840 (c)	6/7/12	
	<b>TOTALS</b>	<b>\$25,857,675</b>	<b>\$23,670,604</b>		

		TOTAL PROJECT AMOUNT	KIA LOAN AMOUNT		DATE APPROVED	COMMENTS
<b>PROJECTS APPROVED IN FY 2013</b>						
94	Adair Co WD dba Columbia Adair Ut	WX21001024	\$3,833,658	\$3,833,658	(c)	11/1/12
95	Nicholasville, City of	WX21113042	\$983,400	\$488,400	(c)	12/6/12; 3/6/14; 9/3/15
96	Nicholasville, City of	WX21113041	\$0	\$0		12/6/12; 3/6/14
97	Danville, City of	WX21021017	\$28,608,171	\$12,467,849	(c)	2/7/13; 2/6/14; 6/26/14
98	Madison Co Utility District	WX21151051	\$876,528	\$856,528	(c)	2/7/13
99	Vanceburg, City of	WX21135017 WX21167022 WX21167026 WX21167027	\$849,878	\$849,878	(c)	2/7/13
100	City of Harrodsburg	WX21167027	\$2,701,543	\$2,701,543	(c)	3/7/13; 6/26/14
101	Frankfort Electric & Water Plant Boa	WX21073018	\$2,774,328	\$2,774,328	(c)	3/7/13
102	Henry Co Water District #2	WX21103039	\$3,340,000	\$2,153,041	(c)	3/7/13
103	Sebree, City of	WX21233108	\$1,835,738	\$815,475	(c)	4/4/13
104	Carrollton, City of	WX21041001	\$1,757,706	\$1,657,988	(c)	5/2/13; 11/6/14
105	Northern Ky Water District	WX21037003	\$9,824,000	\$8,000,000		5/2/13; 6/26/14
106	Hopkinsville, City of	WX21047010	\$6,000,000	\$4,000,000		5/2/13
107	Williamstown, City of	WX21081001	\$17,249,165	\$6,249,165	(c)	6/19/13; 5/1/14; 9/3/15
<b>TOTALS</b>			<b>\$80,634,115</b>	<b>\$46,847,854</b>		
<b>PROJECTS APPROVED IN FY 2014</b>						
108	Garrison-Quincy KY-O-Heights WD	WX21135013	\$821,721	\$821,721	(c)	10/3/13
109	Carrollton, City of	WX21041002	\$963,931	\$963,931	(c)	12/5/13
110	Hardinsburg, City of	WX21027014	\$1,189,135	\$1,189,135	(c)	12/5/13
111	Northern Ky Water District	WX21037004	\$5,734,000	\$3,545,910	(c)	12/5/13
112	North Middletown, City of	WX21017019	\$429,595	\$429,595	(c)	2/6/14; 6/26/14
113	Jenkins, City of	WX21133043	\$2,276,484	\$2,276,484	(c)	3/6/14
114	Bullock Pen Water District	WX21081006	\$384,278	\$364,278	(c)	3/6/14
115	Midway, City of	WX21239027	\$215,000	\$215,000	(c)	5/1/14
116	Flatwoods, City of	WX21089064	\$277,822	\$277,822	(c)	6/26/14
<b>TOTALS</b>			<b>\$12,291,966</b>	<b>\$10,083,876</b>		
<b>PROJECTS APPROVED IN FY 2015</b>						
117	Cumberland County WD	WX21057013	\$1,368,000	\$1,268,000	(c)	10/2/14
118	Western Lewis-Rectorville Wtr & Gas Dist	WX21161039	\$1,280,000	\$1,266,500	(c)	10/2/14
119	Henry County WD #2	WX21103037	\$3,254,000	\$2,222,244	(c)	10/2/14
120	Northern Ky Water District	WX21037006	\$6,406,830	\$3,535,094	(c)	11/6/14
121	Pineville, City of	WX21013918	\$154,928	\$154,928	(c)	11/6/14
122	Lebanon, City of	WX21155039	\$3,230,000	\$3,230,000		12/4/14
123	Monroe Co Water District	WX21171045	\$15,962,694	\$15,675,679	(c)	12/4/14; 7/2/15; 12/3/15; 6/12/18
124	Campbellsville, City of	WX21217023	\$5,213,959	\$5,213,959	(c)	12/4/14
125	Fleming-Neon, City of	WX21133029	\$143,598	\$143,598	(c)	12/4/14
126	Burkesville, City of	WX21057017	\$621,323	\$621,323	(c)	2/5/15
127	Whitley County Water District	WX21235434	\$966,973.33	\$966,973.33	(c)	4/2/15; 4/9/18
128	Harrodsburg, City of	WX21167028	\$326,660	\$326,660	(c)	4/2/15
129	Lebanon, City of	WX21155040	\$720,000	\$720,000	(c)	5/7/15
130	Paducah, City of	WX21145085	\$4,508,000	\$2,341,796	(c)	5/7/15
131	Ohio County Water District	WX21183039	\$1,630,000	\$1,630,000		6/4/15
<b>TOTALS</b>			<b>\$45,786,964</b>	<b>\$39,316,754</b>		
<b>PROJECTS APPROVED IN FY 2016</b>						
132	Nicholasville, City of	WX21113040	\$416,120	\$416,120		7/2/15
133	Crab Orchard, City of	WX21137045	\$265,000	\$0		8/6/15
134	Bath Co Water District	WX21011034	\$885,878	\$885,878	(c)	9/3/15
135	Cave Run Water Commission	WX21165023	\$700,000	\$700,000		10/1/15
136	Crittenden-Livingston Co WD	WX21055009	\$978,850	\$978,850	(c)	10/1/15
137	Cumberland Falls Highway WD	WX21235002	\$1,723,000	\$1,720,500		11/5/15
138	Western Pulaski County WD	WX21199123	\$3,304,000	\$3,304,000		11/5/15
139	Hopkinsville, City of	WX21047013	\$9,300,000	\$8,000,000		3/3/16
140	Northern Kentucky Water District	WX21117003	\$5,385,000	\$4,000,000		3/3/16
141	Southern Water and Sewer District	WX21071008	\$550,000	\$550,000		3/3/16
142	Prestonsburg, City of	WX21071223	\$3,624,000	\$3,624,000		3/3/16
143	Everts, City of	WX21095642	\$275,000	\$275,000		4/7/16
144	Salyersville, City of	WX21153013	\$45,128	\$45,128	(c)	4/7/16
145	Cynthiana, City of	WX21097025	\$754,539	\$754,539	(c)	4/7/16
146	Harrodsburg, City of	WX21167029	\$2,067,682	\$2,067,682	(c)	4/7/16
147	Hodgenville, City of	WX21123017	\$889,872	\$889,872	(c)	5/5/16
148	Hodgenville, City of	WX21123008	\$592,994	\$592,994	(c)	5/5/16
<b>TOTALS</b>			<b>\$31,757,063</b>	<b>\$28,804,563</b>		
<b>PROJECTS APPROVED IN FY 2017</b>						
149	Olive Hill, City of	WX21043041	\$883,000	\$883,000		10/27/16
150	Fleming Neon, City of	WX21133029	\$3,000,000	\$1,500,000		12/1/16
151	Nicholasville, City of	WX21113041	\$553,000	\$553,000		3/2/17
152	Stanford, City of	WX21137051	\$4,100,000	\$2,690,000		3/2/17
153	Irvine, City of	WX21065005	\$6,932,000	\$6,932,000		3/2/17; 1/8/19
154	Southern Water & Sewer District	WX21071730	\$1,350,000	\$1,350,000		3/2/17
155	Campbellsville, City of	WX21217025	\$8,300,000	\$7,970,000		6/1/17; 7/10/18
<b>TOTALS</b>			<b>\$25,118,000</b>	<b>\$21,878,000</b>		
<b>PROJECTS APPROVED IN FY 2018</b>						

		<b>TOTAL PROJECT AMOUNT</b>	<b>KIA LOAN AMOUNT</b>	<b>DATE APPROVED</b>	<b>COMMENTS</b>
156	Morehead, City of	WX21205048	\$28,428,000	\$1,297,200	12/6/17
157	Green-Taylor Water District	WX21217027	\$1,963,390	\$1,963,390	2/1/18
158	City of Lebanon	WX21155043	\$2,641,680	\$2,641,680	2/1/18
159	South Shore, City of	WX21089089	\$878,000	\$878,000	3/1/18
160	Frankfort Electric & Water Plant Bo	WX21073012	\$4,000,000	\$4,000,000	4/9/18
161	Louisa, City of	WX21127021	\$834,430	\$834,430	4/9/18
162	Lancaster, City of	WX21079015	\$11,000,000	\$4,000,000	5/8/18
163	Salyersville	WX21153013	\$705,982	\$655,982	5/8/18
	<b>TOTALS</b>		<b>\$50,451,482</b>	<b>\$16,270,682</b>	
<b>PROJECTS APPROVED IN FY 2019</b>					
164	Pineville, City of	WX21013918	\$2,084,590	\$1,864,590	7/10/18
165	Cynthiana, City of	WX21097026	\$954,565	\$954,565	11/13/18
166	Paintsville Utilities Commission	WX21115028	\$2,010,000	\$2,010,000	12/11/18
167	Jamestown, City of	WX21207025	\$1,000,000	\$500,000	12/11/18
168	Burnside, City of	WX21199128	\$2,227,000	\$2,227,000	1/8/19
169	Green-Taylor Water District	WX21087022	\$564,600	\$564,600	1/8/19
170	Hardinsburg, City of	WX21027053	\$760,280	\$760,280	1/8/19
171	Morehead, City of	WX21205048	\$28,428,000	\$5,257,000	3/7/19
172	Danville, City of	WX21021010	\$4,918,257	\$4,918,257	4/4/19
<b>173</b>	<b><i>South Shore, City of</i></b>	<b><i>WX21089101</i></b>	<b><i>\$3,051,133</i></b>	<b><i>\$3,051,133</i></b>	<b><i>5/7/19</i></b>
<b>174</b>	<b><i>Russell, City of</i></b>	<b><i>WX21089011</i></b>	<b><i>\$1,000,000</i></b>	<b><i>\$1,000,000</i></b>	<b><i>5/7/19</i></b>
	<b>TOTALS</b>		<b>\$46,998,425</b>	<b>\$23,107,425</b>	
<b>GRAND TOTALS - COMMITMENTS</b>			<b>\$762,424,054</b>	<b>\$425,456,279</b>	

*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
<b>PROJECTS APPROVED IN SFY 2009:</b>				
1	\$2,866,652	\$222,606 (c)	\$222,606	6/25/09
2	\$4,000,000	\$947,901 (c)	\$947,901	6/25/09
<b>TOTALS</b>	<u><b>\$6,866,652</b></u>	<u><b>\$1,170,507</b></u>	<u><b>\$1,170,507</b></u>	
<b>PROJECTS APPROVED IN SFY 2010:</b>				
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
<b>TOTALS</b>	<u><b>\$44,563,111</b></u>	<u><b>\$18,115,426</b></u>	<u><b>\$18,115,426</b></u>	
<b>GRAND TOTALS - COMMITMENTS</b>	<u><b>\$51,429,763</b></u>	<u><b>\$19,285,933</b></u>	<u><b>\$19,285,933</b></u>	
<b>BALANCE AVAILABLE FOR LOAN</b>			<u><b>\$0</b></u>	

*bold, italics - pending board approval*

(c) - Final amounts; Loan has been closed

(s) - Amount represented in the assistance agreement

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