

**Minutes of the
Pennyrile Water Management Council
December 5, 2017
10:00 a.m.**

Attending:

Bill Jackson	Madisonville	Ellen Dunning	Caldwell Co	Doug Taylor	HMB
James Owen	Christian Co WD	Don Robertson	Lyon County WD	Regina Mick	DBS
Ben Stahl	Trenton & Guthrie	John Haley	TCWD	Pat Lee	PeADD
Donnie Wilbanks	Salem	Mike Beck	HWEA	Melody Goodwin	PeADD
James Noel	Princeton W/WW	Daniel Beavers	Princeton	Kyle Cunningham	PeADD
George Crady	Eddyville	Terry Nelson	Hanson	Suzanne Arnold	PeADD
Terry Cansler	Dawson Springs	Dixie Cayce	Lyon Co WD	Amy Frogue	PeADD
Jahn Smiley	Dawson Springs	Mark Riley	Kuttawa	Charles McCann	Rivercrest Engr.
Kyle Kenner	LTRWC			Elisha Kite	Pennyrile Dist HD
				Dawn Fox	Integrated Engr.
				Russell Noal	DOW
				Kayla Bebout	Christian Co HD
				Paige Carlisle	PeADD
				Chad Burch	CCHD
				Jessie York	DOW
				Ryan Tinsley	Strand Assoc.
				Jon Allen	Hethcoat, Davis
				Ricky Oakley	Hethcoat, Davis

I. Call to Order

A meeting of the Pennyrile Water Management Council was held on December 5, 2017 at the office of the Pennyrile Area Development District. Chair Ellen Dunning called the meeting to order at 10:00 a.m. followed by the Pledge of Allegiance and Invocation.

II. Approval of Minutes

Mr. Bill Jackson made a motion to accept the minutes from the September 29, 2017 meeting. Mr. James Owen seconded the motion; motion carried.

III. Old Business

None.

IV. New Business

A. New Projects

Mr. Ben Stahl made a motion to ratify the following water and sewer projects. Mr. Bill Jackson seconded the motion; motion carried.

i. Water

Caldwell County – Princeton – Water Line Improvements Project – WX21033021 – \$1,426,000
Todd County – Logan-Todd – 12" Waterline Upgrade (Elkton to Allender's Hill) – WX21107053 – \$1,100,000.

ii. Wastewater

Caldwell County – Princeton – WWTP Improvements – Grit Chamber and Sludge Holding Tank – SX21033010 – \$803,500
Caldwell County – Princeton – Sanitary Sewer Rehabilitation – SX21033011 – \$2,150,000
Caldwell County – Princeton – WWTP Phosphorus Upgrade – SX21033009 – \$2,555,850
Lyon County – Kuttawa – Magnolia Lift Station & Force Main Replacement – SX21143014 – \$451,835



Lyon County – Kuttawa – Old Kuttawa Lift Station & Force Main Replacement – SX21143009 – \$768,787

Muhlenberg County – Greenville – Paradise Lift Station Force Main Replacement – SX21177025 – \$503,579

Muhlenberg County – Drakesboro – Wastewater Treatment Plant Emergency Standby Generator – SX21177023 – \$40,000

B. Rankings

Mr. Kyle Cunningham presented the 2017 Water and Wastewater Rankings. Mr. James Owen made a motion to approve the water and wastewater rankings. Mr. Bill Jackson seconded the motion; motion carried.

C. SRF Call for Projects

The FY19 Call for Projects timeframe is from October 2, 2017 – December 13, 2017.

V. Activity Report

System visits will begin in January 2018. The KIA focus will be on profile cleanup. Map Books are available on CD. Pat Lee, GIS Manager, will be retiring at the end of December 2017.

VI. Miscellaneous

Mr. Russell Neal presented the Drinking Water SRF ranking process.

VII. Adjourn

With no further business, the meeting was adjourned at 10:50 a.m.



WRIS Fiscal Year 2018 Project Rankings for PEADD

Wastewater

Planning Unit	County Name	PNUM	Applicant	Project Title	Ranking			Households		Project Cost Categories	Project Funding				Scheduling		Project Description
					Regional	Planning Unit	Total Points	Unreserved	Underserved		Source	Amount	Status	Applicable Date	Bid Date	Construction Start Date	
Crittenden	Crittenden	SX21055006	City of Marion	City of Marion - New Wastewater Treatment Plant	1	1	80	2	1565	Administrative \$50,000 Legal \$0 Land \$250,000 Relocation \$0 Planning \$52,000 Engineering \$1,195,600 Construction Equipment \$10,000,00 Miscellaneous Contingencies \$0 Total \$0 \$11,547,600	KIA SRF Fund A Loan (CW) KIA SRF Fund A Loan (CW) CDBG Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$587,200 \$5,000,000 \$1,000,000 \$587,200 \$11,547,600 \$10,960,400 Partially Funded	Committed Applied For Anticipated	06/02/2016 07/23/2017 -	04/01/2018	05/01/2018	The project will consist of the construction of a new 1.5 MGD wastewater treatment plant. The new WWTP will consist of influent pumping, screening, aeration, clarification, disinfection, RAS/WAS pumping, and solids processing. An adjacent site which is owned by the City will most likely be where the new WWTP is located. A new administration building and maintenance garage will be built as well.
Hopkins	Hopkins	SX21107025	Dawson Springs City Water and Sewer	Sanitary Sewer System Rehabilitation and WWTP Improvements	2	1	76			Administrative \$50,000 Legal \$5,000 Land \$0 Relocation \$0 Planning \$0 Engineering \$344,000 Construction \$1,430,000 Equipment \$0 Miscellaneous \$2,000 Contingencies \$70,000 Total \$1,901,000	CDBG KIA SRF Fund A Loan (CW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$950,000 \$950,500 - \$1,901,000 \$1,901,000 Not Funded	Anticipated Ranked	- 08/01/2017	06/01/2018	09/01/2018	An Agreed Order has been implemented to complete a Corrective Action Plan (CAP) for the Dawson Springs Sewer System. The CAP is to complete a sewer system investigation including flow monitoring, smoke testing, and televising of sewer lines. Once completed, sewer system rehabilitation and repair of the collection system will commence. In addition, WWTP modification and repairs will be addressed. The result of this project will improve sewer lines and reduce I & I
Hopkins	Hopkins	SX21107022	City of Madisonville	Madisonville - Hanson Relief Interceptor	3	2	61		279	Administrative \$60,000 Legal \$5,433 Land \$0 Relocation \$0 Planning \$0 Engineering \$541,671 Construction \$4,282,597 Equipment \$0 Miscellaneous \$0 Contingencies \$543,300 Total \$5,433,001	KIA SRF Fund A Loan (CW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$5,433,001 - \$5,433,001 \$5,433,001 Not Funded	Ranked	08/01/2017	10/01/2017	12/01/2017	The community growth of Hanson is limited by the volume and rate of wastewater discharge that Madisonville can accept for conveyance and treatment. The proposed project is to provide a relief interceptor sewer to bypass existing system constrictions. The Hanson relief interceptor project will install 2,500 linear feet of 12" force main and 10,600' of gravity sewer. This project will also upgrade one lift station, eliminate a lift station, provide in-line storage to handle the projected increase in flow from the City of Hanson as it continues to grow.
Christian	Christian	SX21047028	Hopkinsville Water Environment Authority	HWEA SRF Phase VIII - Expand Hammond-Wood WWTP & Interceptor	4	1	59		10000	Administrative \$15,000 Legal \$15,000 Land \$50,000 Relocation \$0 Planning \$81,000 Engineering \$2,069,000 Construction Equipment \$33,500,00 Miscellaneous Contingencies \$600,000 Total \$250,000 \$2,744,000 \$39,324,000	KIA SRF Fund A Loan (CW) KIA SRF Fund A Loan (CW) KIA SRF Fund A Loan (CW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$21,000,000 \$1,500,000 \$5,000,000 \$1,500,000 \$39,324,000 \$37,824,000 Partially Funded	Anticipated Committed Bypassed	- 03/03/2016 08/02/2017	07/01/2016	08/03/2016	HWEA is proposing renovation and expansion of the Hammond-Wood WWTP, located on the North Fork of the Little River, south of Hopkinsville. Renovation will occur by replacing the existing river siphon with a new influent interceptor river crossing, new influent pump station, new headworks (screening and grit removal), new anaerobic phosphorus release tank, renovation of two existing oxidation ditches and two existing clarifiers, modification of the existing activated sludge pump station, modifications to return and waste activated sludge pumping station, post aeration steps and new outfall, new operations building, new electrical building and standby power, controls and Instrumentation, demolition of existing structures, construction of two sludge holding tanks, aeration, and dewatering equipment, and renovation of the existing ultraviolet disinfection process. Expansion of the plant to 9 MGD with a hydraulic capacity of 27 MGD will occur with the construction of a new oxidation ditch and site development, addition of a third Clarifier, excavation, grading and site piping, new sludge holding tank, new belt filter press, new blower building, new bio-solids drying process with solar drying equipment, controls and instrumentation. Improvements to the 36" and 48" influent interceptor transporting wastewater to the plant will occur as determined through inspection. This revision is necessary because the original Profile was written prior to the completion of the recent 201 Facilities Plan approved June 26, 2015. Site piping will be constructed to accommodate expansion to 12 MGD in the event HWEA abandons the Oak Grove WWTP and secures a mega-site client.
Livingston	Livingston	SX21139014	City of Smithland	Smithland Lagoon Rehabilitation Project	5	1	55			Administrative \$5,000 Legal \$0 Land \$0 Relocation \$0 Planning \$5,000 Engineering \$18,000 Construction \$98,012 Equipment \$0 Miscellaneous \$0 Contingencies \$9,800 Total \$135,812	KIA SRF Fund A Loan (CW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$135,812 - \$135,812 \$135,812 Not Funded	Ranked	08/01/2017	03/01/2017	04/01/2017	A portion of the Smithland WWTP Lagoon has experienced water seepage at the toe of the dam for an extended period of time. It is being proposed to utilize neat cement grouting to fill voids and seeps through the dam in order to reduce water seepage. The grouting work will take place from the crest of the dam road. A grout accelerator will be used as necessary in order to improve the success of the grouting project. It is estimated that two to three rows of grout holes on a 3 ft spacing may be required to slow down seepage. Additional rows may be necessary depending on the soil/seep response to the grouting
Caldwell	Caldwell	SX21033006	City of Fredonia	Fredonia - Lift Station Improvements	6	1	55		190	Administrative \$13,500 Legal \$0 Land \$0 Relocation \$0 Planning \$0 Engineering \$75,736 Construction \$255,000 Equipment \$0 Miscellaneous \$0 Contingencies \$25,500 Total \$369,736	KIA SRF Fund A Loan (CW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$369,736 - \$369,736 \$369,736 Not Funded	Ranked	08/01/2017	10/01/2017	12/01/2017	This project will upgrade 3 pumps, rail, and other components of the lift stations in the city. More Specifically, this project will furnish and install the following at each pump station: 1-New 6' diameter Manhole for by pass pumping 18' deep, tie into existing force main, insert a Tee, 1-gate valve on existing force main, furnish 1-portable sewage by pass including 50' -discharge hose, rehabilitate the existing wetwell including cleaning, resurfacing, and coating.

WRIS Fiscal Year 2018 Project Rankings for PEADD

Planning Unit	County Name	PNUM	Applicant	Project Title	Ranking			Households		Project Cost Categories	Project Funding				Scheduling		Project Description
					Regional	Planning Unit	Total Points	Unserviced	Underserved		Source	Amount	Status	Applicable Date	Bid Date	Construction Start Date	
Trigg	Trigg	SX21221002	City of Cadiz	Cadiz Sewer Main Replacement	7	1	53		1196	Administrative \$0 Legal \$9,000 Land \$0 Relocation \$0 Planning \$0 Engineering \$133,200 Construction \$667,800 Equipment \$0 Miscellaneous \$0 Contingencies \$90,000 Total \$900,000	HB 608 Non-Coal Grant Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$550,000 \$550,000 \$900,000 \$350,000 Partially Funded	Committed	07/17/2009			This project will replace an existing 7000 LF of 10" sewer main with a new 20" PVC sewer main.
Muhlenberg	Muhlenberg	SX21177023	City of Drakesboro	Drakesboro Wastewater Treatment Plant Emergency Standby Generato	8	1	50			Administrative \$2,000 Legal \$0 Land \$0 Relocation \$0 Planning \$0 Engineering \$0 Construction \$0 Equipment \$38,000 Miscellaneous \$0 Contingencies \$0 Total \$40,000	KIA Fund B Loan Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$40,000 - \$40,000 \$40,000 Not Funded	Anticipated	-	02/01/2017	03/01/2017	The current emergency standby generator for the Wastewater Treatment Plant in the City of Drakesboro is no longer functioning. The age of the generator has made it nearly impossible to find replacement parts to repair the generator. If the current generator is repaired with custom fabrication parts, it would cost nearly as much as buying a new generator. The City of Drakesboro is proposing the purchase of a new Kohler 48RCL 120/208 Volt 3 Phase natural gas generator.
Todd	Todd	SX21219014	City of Elkton	Elkton - Wastewater System Rehabilitation and Improvements	9	1	50		895	Administrative \$15,000 Legal \$0 Land \$0 Relocation \$0 Planning \$276,572 Engineering \$397,219 Construction \$2,950,600 Equipment \$0 Miscellaneous \$0 Contingencies \$295,060 Total \$3,934,451	KIA SRF Fund A Loan (CW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$500,000 - \$3,934,451 \$3,934,451 Not Funded	Applied For	09/15/2017	11/01/2018	02/01/2019	This project will include Field Investigations (smoke testing, closed-circuit TV inspection, manhole inspections), preparation of SSES, evaluation and studies of pump stations and force mains and of the wastewater treatment plant. These investigations and studies will result in a Preliminary Engineering Report detailing problems and recommending solutions. Recommendations will likely include repairs and replacements to sewer collection lines throughout the city, construction of two new wet weather pump stations, construction of a new wet weather storage basin including pumping facilities, and construction of improvements to the existing wastewater treatment plant.
Lyon	Lyon	SX21143009	City of Kuttawa	City of Kuttawa - Old Kuttawa Lift Station & Force Main Replacement	10	1	50	0	404	Administrative \$25,650 Legal \$0 Land \$5,000 Relocation \$0 Planning \$0 Engineering \$124,860 Construction \$513,000 Equipment \$0 Miscellaneous \$0 Contingencies \$100,277 Total \$768,787	KIA SRF Fund A Loan (CW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$306,000 - \$768,787 \$768,787 Not Funded	Ranked	08/01/2017	06/30/2018	08/31/2018	The City of Kuttawa is currently under an EPA Agreed Order for violations related to sanitary sewer system overflows and pollutant removal at their wastewater treatment plant due to excessive levels of infiltration and inflow within their collection system. While the City is focusing efforts on removing I/I from their collection system, additional system improvements are necessary for proper containment and conveyance of the wastewater to the City's WWTP. This project includes the replacement of an existing, aged lift station and force main, which have reached the end of their intended useful life cycle. The project will replace the existing Old Kuttawa lift station with a new lift station, sized to handle existing and anticipated future flows, as well as replacement of approximately 6,000 l.f. of existing cast iron force main.
Caldwell	Caldwell	SX21033010	Princeton Water & Wastewater Commission	Princeton - WWTP Improvements-Grit Chamber and Sludge Holding Tank	11	2	50			Administrative \$38,000 Legal \$5,000 Land \$0 Relocation \$0 Planning \$10,000 Engineering \$111,500 Construction \$581,000 Equipment \$0 Miscellaneous \$0 Contingencies \$58,000 Total \$803,500	Other Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$803,500 - \$803,500 \$803,500 Not Funded	Anticipated	-			Wastewater treatment plant improvements including replacing the existing grit chamber, installing a new influent flow meter and the addition of aeration to the existing sludge holding basins.
Livingston	Livingston	SX21139010	City of Smithland	Smithland Sewer Rehabilitation	12	2	43		180	Administrative \$45,510 Legal \$1,517 Land \$0 Relocation \$0 Planning \$0 Engineering \$185,832 Construction \$1,132,441 Equipment \$0 Miscellaneous \$0 Contingencies \$151,700 Total \$1,517,000	KIA SRF Fund A Loan (CW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$1,517,000 - \$1,517,000 \$1,517,000 Not Funded	Ranked	08/01/2017	10/01/2017	12/01/2017	Based on mapping made available by the City of Smithland, the collection system is comprised of 24,000-l.f. of gravity sewers, 9,500-lf of forcemain, and 100 manholes. The collection system repair project in 2000 joint sealed 10,300-l.f. and sliplined 7,200-l.f. of sewer. No manholes or sanitary laterals were noted to be repaired in this project. After the repair project the City of Smithland is still experiencing a Peak flow of 213,000 gallons. This project will repair the sections of the system that are still causing the inflow.

WRIS Fiscal Year 2018 Project Rankings for PEADD

Planning Unit	County Name	PNUM	Applicant	Project Title	Ranking			Households		Project Cost Categories	Project Funding				Scheduling		Project Description
					Regional	Planning Unit	Total Points	Unservd	Underserved		Source	Amount	Status	Applicable Date	Bid Date	Construction Start Date	
Christian	Christian	SX21047031	Hopkinsville Water Environment Authority	HWEA Phase IX Sewer Rehabilitation Priority 3 & 3A	13	2	43	0	491	Administrative \$5,000 Legal \$5,000 Land \$5,000 Relocation \$0 Planning \$20,000 Engineering \$409,050 Construction \$6,000,000 Equipment \$350,000 Miscellaneous \$0 Contingencies \$250,000 Total \$7,044,050	KIA Fund B Loan KIA SRF Fund A Loan (CW) Total Committed Funding - Total ProjectCost \$7,044,050 Funding Gap \$7,044,050 Project Funding Status Not Funded	\$7,044,050 \$7,044,050	Applied For Ranked	03/24/2016 08/01/2017	08/01/2017	10/01/2017	Rehabilitation/replacement of vitrified clay gravity and force main sewer mains/lines with PVC and DIP, Cured In Place Pipe, rehabilitation/replacement of sewer manholes and Pump Stations, and the selective use of pre and post television inspection at the following locations: Thomas Street and Playground Way-open cut and install approximately 1,400 LF of 8" PVC gravity main and sewer manholes and install Pump Station with approximately 450 LF of PVC force main. North Fork Little River-Replace siphon under North Fork of the Little River with approximately 160 LF of 8" and 14" DIP, 18" gravity lines, and construct inlet and outlet structures. Givens Addition/Riverwood- open cut and install approximately 1,600 LF of 8" PVC gravity main and approximately 600 LF of directionally bored 4" PVC force main. Fowler Street and Grays Court-open cut and install approximately 200 LF of 8" PVC gravity main and CIPP approximately 475 LF of gravity main and laterals. Red Oak Street-open cut and realign approximately 25 LF of 6" PVC force main and replace sewer manholes. Millbrooke-open cut and replace three sewer services. West 13th Street-open cut and replace approximately 360 LF of 8" PVC gravity main. Nelson Street-open cut and replace approximately 4,000 LF of 8" to 18" PVC gravity main. Foston Chapel-CIPP approximately 2,200 LF of 36" sewer and manholes. Apache Street-CIPP approximately 2,010 LF of 8" gravity main and connecting laterals. Woolridge Road-CIPP approximately 1,540 LF of 8" gravity main and connecting laterals. North Main-CIPP approximately 500 LF of 8" gravity main and connecting laterals. Metcalfe Lane-CIPP approximately 1,910 LF of 8" gravity main and connecting laterals. East Fourth Street-CIPP approximately 2,000 LF of 8" gravity main and connecting laterals. Wayside Drive-CIPP approximately 170 LF of 8" gravity main and connecting laterals. Main Street- CIPP approximately 5,000 LF of 8" gravity main and connecting laterals. Evergreen Park-rehabilitate or replace approximately 20 manholes and connections. Various Locations rehabilitate or replace approximately 80 sewer manholes and connections with locations concentrated in the Alumni and Commerce Court areas, with other locations including 9th Street, Braden Street, Moayon Street, Fairview, 18th Street, Bahama, Ft. Campbell Blvd, and Wayne.
Todd	Todd	SX21219011	City of Trenton	Trenton - Wastewater Treatment Plant Improvements Project	14	2	43		183	Administrative \$45,000 Legal \$1,500 Land \$0 Relocation \$0 Planning \$0 Engineering \$183,750 Construction \$1,119,750 Equipment \$0 Miscellaneous \$0 Contingencies \$150,000 Total \$1,500,000	Total Committed Funding - Total ProjectCost \$1,500,000 Funding Gap \$1,500,000 Project Funding Status Not Funded	\$1,500,000 \$1,500,000					This project will replace the Trenton WWTP. The existing 125,000 GPD WWTP was built in 1967 and will require many improvements in order to meet DOW standards and does not allow for expansion. In order to meet the future needs of adding new sewer connections it would be more cost effective to construct a new 125,000 GPD WWTP than make improvements to the existing antiquated plant.
Caldwell	Caldwell	SX21033011	Princeton Water & Wastewater Commission	Princeton Sanitary Sewer Rehabilitation	15	3	42			Administrative \$50,000 Legal \$5,000 Land \$0 Relocation \$0 Planning \$10,000 Engineering \$176,000 Construction \$1,736,000 Equipment \$0 Miscellaneous \$0 Contingencies \$173,000 Total \$2,150,000	Other Total Committed Funding - Total ProjectCost \$2,150,000 Funding Gap \$2,150,000 Project Funding Status Not Funded	\$2,150,000	Anticipated	-			Trenchless rehabilitation of approximately 15,300 LF of existing aged and deficient 8" and 10" diameter sanitary sewer mains, including rehabilitation or replacement of adjoining manholes and service lines.
Lyon	Lyon	SX21143014	City of Kuttawa	Magnolia Lift Station & Force Main Replacement	16	2	41			Administrative \$14,500 Legal \$0 Land \$5,000 Relocation \$0 Planning \$0 Engineering \$83,400 Construction \$290,000 Equipment \$0 Miscellaneous \$0 Contingencies \$58,935 Total \$451,835	Other Total Committed Funding - Total ProjectCost \$451,835 Funding Gap \$451,835 Project Funding Status Not Funded	\$451,835	Anticipated	-	06/30/2018	08/31/2018	The City of Kuttawa is currently under an EPA Agreed Order for violations related to sanitary sewer system overflows and pollutant removal at their wastewater treatment plant due to excessive levels of infiltration and inflow within their collection system. While the City is focusing efforts on removing I/I from their collection system, additional system improvements are necessary for proper containment and conveyance of the wastewater to the City's WWTP. This project includes the replacement of an existing, aged lift station and force main, which have reached the end of their intended useful life cycle. The project will replace the existing Magnolia lift station with a new lift station, sized to handle existing and anticipated future flows, as well as replacement of approximately 1,400 l.f. of existing cast iron force main. This lift station receives flows from the surrounding neighborhoods as well as the Old Kuttawa area.
Christian	Christian	SX21047011	Hopkinsville Water Environment Authority	HWEA - Oak Grove Wastewater Treatment Plant Expansion - Construction	17	3	40		2800	Administrative \$10,000 Legal \$20,000 Land \$0 Relocation \$0 Planning \$60,000 Engineering \$480,000 Construction \$1,400,000 Equipment \$1,400,000 Miscellaneous \$65,000 Contingencies \$65,000 Total \$3,500,000	KIA SRF Fund A Loan (CW) KIA SRF Fund A Loan (CW) Total Committed Funding - Total ProjectCost \$3,500,000 Funding Gap \$3,500,000 Project Funding Status Not Funded	\$3,500,000 \$3,500,000	Anticipated Anticipated	- -	03/01/2015	08/03/2016	This project will increase the capacity of the Oak Grove wastewater treatment plant to 3 MGD.

WRIS Fiscal Year 2018 Project Rankings for PEADD

Planning Unit	County Name	PNUM	Applicant	Project Title	Ranking			Households		Project Cost Categories	Project Funding				Scheduling		Project Description	
					Regional	Planning Unit	Total Points	Unreserved	Underserved		Source	Amount	Status	Applicable Date	Bid Date	Construction Start Date		
Livingston	Livingston	SX21139011	City of Grand Rivers	Grand Rivers - Wastewater System Rehabilitation	18	3	38	5	200	Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$25,000 \$1,000 \$0 \$0 \$0 \$144,500 \$729,500 \$0 \$0 \$100,000 \$1,000,000	RD Grant Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$1,000,000 - \$1,000,000 \$1,000,000 Not Funded	Anticipated	-	07/01/2014	08/01/2013	This project will replace broken lines and manholes on Dover St. It will replace lines, manholes, and redirect the flow on E. Mississippi St. It will construct a new lift station at the low point in Little Lake Park. This lift station will handle the flow from the new line and the existing flow from Canal Campground/Marina Village. This new lift station will by pass the existing Rail Road lift station and relieve an overload point in the system. This project will also address other points in the system where lines need to be replaced or rehabilitated. Do to the upgrades in lines two existing liftstations will also need to upgraded or replaced to handle the increase in flow and to better stream line the system. These stations are the Rail Road liftstation and the GTB liftstation.
Todd	Todd	SX21219019	City of Elkton	Elkton - WWTP energy efficiency upgrade	19	3	36		899	Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$0 \$0 \$0 \$0 \$0 \$82,800 \$0 \$0 \$0 \$82,800	Other Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$82,800 - \$82,800 \$82,800 Not Funded	Anticipated	-	04/15/2014	06/01/2014	Installing variable-frequency drives on 3 motors at the waste water treatment plant and 1 at the main lift station which slows motor speeds when 100% capacity is not needed to save energy. WWTP upgrades also include upgraded lighting in the WWTP. Project might also include a solar panel to be included in the construction at the plant.
Hopkins	Hopkins	SX21107009	City of Madisonville	Madisonville South Main Sewer Interceptor Phase 2	20	3	36	402	0	Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$42,696 \$1,423 \$0 \$0 \$0 \$174,342 \$1,082,419 \$0 \$0 \$142,320 \$1,443,200	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$1,443,200 \$1,443,200 Not Funded					Phase 2 of this project will include 13,160 LF of 8" gravity sewer and 10,369 LF of 6" gravity sewer lateral line to service approximately 402 households in the east View drive, Crestview drive, Redbud Lane and Grapevine Road areas.
Christian	Christian	SX21047023	Hopkinsville Water Environment Authority	HWEA Oak Grove Village Sewer Project	21	4	36	1		Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$60,000 \$75,000 \$0 \$0 \$0 \$717,750 \$5,897,250 \$0 \$0 \$750,000 \$7,500,000	KIA SRF Fund A Loan (CW) KIA SRF Fund A Loan (CW) KIA SRF Fund A Loan (CW) KIA SRF Fund A Loan (CW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$7,500,000 \$7,500,000 \$7,500,000 \$7,500,000 - \$7,500,000 \$7,500,000 Not Funded	Anticipated Anticipated Invited Expired	- - 05/15/2015 10/30/2014	08/01/2016	09/15/2016	This project provides sewer facilities to serve the proposed Oak Grove village retail and residential development. The project includes construction of a 13,843 LF, 24 inch, PVC interceptor, the expansion of lift station #12 to 1.0 MGD. This project will decommission the Oak Grove WWTP and transfer the waste water Load to the Hammond-wood WWTP. added the expansion of the WWTP as an alternative to the force main to the Hammond-wood plant. Both options are currently viable depending on the outcome of current engineering study. HWEA has undertaken an update to their 201 Facility Plan. This update will look at the overall effect of this project.
Livingston	Livingston	SX21139009	City of Grand Rivers	Grand Rivers - Sewer Line Extension	22	4	31	50	0	Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$43,500 \$1,450 \$0 \$0 \$0 \$177,625 \$1,082,425 \$0 \$0 \$145,000 \$1,450,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$1,450,000 \$1,450,000 Not Funded					This project will extend approximately 15,000 LF of gravity sewer main and 2 lift stations to provide sewer service for the Railroad Hill area north of the city limits.
Hopkins	Hopkins	SX21107010	City of Madisonville	Madisonville South Main Sewer Interceptor Phase 3	23	4	31	153	0	Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$52,280 \$1,743 \$0 \$0 \$0 \$213,481 \$1,300,926 \$0 \$0 \$174,270 \$1,742,700	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$1,742,700 \$1,742,700 Not Funded					Phase 3 of this project will include 15,680 LF of 8" gravity sewer and 14,499 LF of 6" gravity sewer lateral line to serve approximately 153 households in the McLeod Lane, Mullins Lane and Sandcut Road area.
Todd	Todd	SX21219007	City of Trenton	Trenton - Sewer System Improvements	24	4	31		183	Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$16,050 \$535 \$0 \$0 \$0 \$88,435 \$376,480 \$0 \$0 \$53,500 \$535,000	HB 608 Non-Coal Grant Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$150,000 \$150,000 \$535,000 \$385,000 Partially Funded	Committed	07/17/2009			This project will make miscellaneous improvements at the existing wastewater treatment plant and repairs within the collection system and also provide sewer service to 20 +/- unserved households within the city limits. The project includes replacing 6,000 LF of sewer main with 8" PVC and 2,000 LF of sewer service line with 4" PVC. The project also includes rehabilitation of 130 manholes.

WRIS Fiscal Year 2018 Project Rankings for PEADD

Planning Unit	County Name	PNUM	Applicant	Project Title	Ranking			Households		Project Cost Categories	Project Funding				Scheduling		Project Description
					Regional	Planning Unit	Total Points	Unservd	Underserved		Source	Amount	Status	Applicable Date	Bid Date	Construction Start Date	
Todd	Todd	SX21219018	City of Elkton	Elkton - Winding Oaks Sewer Project	25	5	30	20	0	Administrative \$5,000 Legal \$11,500 Land \$5,000 Relocation \$0 Planning \$10,000 Engineering \$53,300 Construction \$250,000 Equipment \$0 Miscellaneous \$0 Contingencies \$25,200 Total \$360,000	Total Committed Funding Total ProjectCost \$360,000 Funding Gap \$360,000 Project Funding Status Not Funded	-					The Winding Oaks Subdivision Sewer project will include the construction of approximately 1,500 LF of 8-inch gravity sewer for service within the affected area, plus it will include the construction of approximately 2.5 miles of 3-inch force main to transport the wastewater flow into the current collection system.
Caldwell	Caldwell	SX21033007	Princeton Water & Wastewater Commission	Princeton Sewer Rehabilitation Phase II Basins 7 & 8	26	4	30	0	450	Administrative \$43,500 Legal \$14,500 Land \$0 Relocation \$0 Planning \$0 Engineering \$177,625 Construction \$1,069,375 Equipment \$0 Miscellaneous \$0 Contingencies \$145,000 Total \$1,450,000	Local KIA SRF Fund A Loan (CW) Total Committed Funding Total ProjectCost \$1,450,000 Funding Gap \$1,048,326 Project Funding Status Partially Funded	\$401,674 \$1,450,000	Committed Ranked	10/14/2010 08/01/2017	10/01/2017	12/01/2017	This project will evaluate and rehabilitate basins 7 & 8 reducing the system I & I. It is estimated that approximately 60,000 LF of gravity sewer will be inspected and approximately 20,000 LF will be included in a rehabilitation construction project.
Christian	Christian	SX21047029	Hopkinsville Water Environment Authority	HWEA- Rockbridge Interceptor	27	5	30	300	300	Administrative \$20,000 Legal \$20,000 Land \$200,000 Relocation \$0 Planning \$100,000 Engineering \$789,526 Construction \$8,250,000 Equipment \$250,000 Miscellaneous \$150,000 Contingencies \$2,845,050 Total \$12,624,576	KIA SRF Fund A Loan (CW) KIA SRF Fund A Loan (CW) KIA SRF Fund A Loan (CW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$12,328,550 \$12,328,550 \$12,328,550	Anticipated Withdrawn Bypassed	- 08/26/2016 09/26/2014	06/01/2015	08/01/2015	HWEA is proposing to construct 15,600 LF of 36" gravity interceptor lines crossing east to west from US 41A approximately two miles south of the Eagle Way Bypass to an area approximately one half mile south the HWEA Hammond-Wood WWTP, where it will tie into a 2600 LF force main to transport sewage to the WWTP. The area then will be able to promote residential and commercial growth south toward I24 and south of the Bypass. The interceptor will allow growth around the Convention Center and south toward the Walmart Distribution Center and enable future industrial expansion along the corridor serviced by the interceptor.
Caldwell	Caldwell	SX21033009	Princeton Water & Wastewater Commission	Princeton-Wastewater Treatment Plant Phosphorus Upgrade	28	5	29		2900	Administrative \$74,850 Legal \$5,000 Land \$0 Relocation \$0 Planning \$0 Engineering \$266,000 Construction \$2,009,000 Equipment \$0 Miscellaneous \$0 Contingencies \$201,000 Total \$2,555,850	Other Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$2,555,850 - \$2,555,850 \$2,555,850 Not Funded	Anticipated	-			This project will allow Princeton Water & Wastewater Commission to treat phosphorus levels biologically instead of chemically. System is currently reviewing options to see if they need to expand the project to include nutrient removal.
Christian	Christian	SX21047009	Hopkinsville Water Environment Authority	HWEA - Oak Grove Spring Meadows Sewer	29	6	27	95	0	Administrative \$71,875 Legal \$2,875 Land \$0 Relocation \$0 Planning \$0 Engineering \$322,576 Construction \$3,559,826 Equipment \$0 Miscellaneous \$0 Contingencies \$287,500 Total \$4,244,652	KIA SRF Fund A Loan (CW) KIA SRF Fund A Loan (CW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$2,875,000 \$2,875,000 - \$4,244,652 \$4,244,652 Not Funded	Invited Expired	05/15/2015 09/05/2014	06/01/2015	08/02/2015	This project will extend approximately 19,430 LF of 8" to 12" sewer line and 50 manholes to service 95 homes currently serviced by failing septic tanks in Oak Grove and provide sewer to a proposed commercial development.
Todd	Todd	SX21219010	City of Guthrie	Guthrie - WWTP Debt Reduction	30	6	26		1	Administrative \$0 Legal \$0 Land \$0 Relocation \$0 Planning \$0 Engineering \$0 Construction \$0 Equipment \$0 Miscellaneous \$487,000 Contingencies \$0 Total \$487,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$487,000 \$487,000 Not Funded					This project will reduce principal debt on the Guthrie WWTP bank of New York and Capmark loan balance.
Todd	Todd	SX21219013	Todd County Fiscal Court	Todd County Fiscal Court - Lake Malone Sewer Study	31	7	26	600		Administrative \$0 Legal \$0 Land \$0 Relocation \$0 Planning \$100,000 Engineering \$0 Construction \$0 Equipment \$0 Miscellaneous \$0 Contingencies \$0 Total \$100,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$100,000 \$100,000 Not Funded					This project will conduct a preliminary engineering report to explore the development of a sanitary sewer district to include a sewer collection system and a regional wastewater treatment plant to serve the households in the Lake Malone area in Todd, Logan and Muhlenberg County.

WRIS Fiscal Year 2018 Project Rankings for PEADD

Planning Unit	County Name	PNUM	Applicant	Project Title	Ranking			Households		Project Cost Categories	Project Funding				Scheduling		Project Description
					Regional	Planning Unit	Total Points	Unserviced	Underserved		Source	Amount	Status	Applicable Date	Bid Date	Construction Start Date	
Lyon	Lyon	SX21143008	City of Kuttawa	City of Kuttawa - Wastewater System Rehabilitation	32	3	25		404	Administrative \$6,000 Legal \$200 Land \$0 Relocation \$0 Planning \$0 Engineering \$45,200 Construction \$128,600 Equipment \$0 Miscellaneous \$0 Contingencies \$20,000 Total \$200,000	Local Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$70,000 \$70,000 \$200,000 \$130,000 Partially Funded	Committed	02/01/2013			This proposed project would include the rehabilitation of the interceptor along the lake in old Kuttawa. The project would include rehabilitation along First Street and other areas in Kuttawa.
Todd	Todd	SX21219012	City of Elkton	Elkton - Hwy 181 North Sewer Main Extension	33	8	23	116	1	Administrative \$22,500 Legal \$750 Land \$0 Relocation \$0 Planning \$0 Engineering \$114,000 Construction \$537,750 Equipment \$0 Miscellaneous \$0 Contingencies \$75,000 Total \$750,000	Local Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$375,000 - \$750,000 \$750,000 Not Funded	Anticipated	-			This project will extend approximatley five miles of 3" sewer force main and two miles of 6" gravity sewer main from the City of Elkton along Hwy 181 North to the North Todd County Elementary school. This project will eliminate the schools existing package treatment facility.
Lyon	Lyon	SX21143011	City of Eddyville	Wastewater System Evaluation and Rehabilitation - South of Fairv	34	4	21			Administrative \$50,000 Legal \$0 Land \$0 Relocation \$0 Planning \$84,500 Engineering \$78,800 Construction \$1,065,000 Equipment \$0 Miscellaneous \$0 Contingencies \$115,000 Total \$1,393,300	 Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$1,393,300 \$1,393,300 Not Funded					<p>This proposed project would focus on the collection system south of Fairview Ave, north of the Western Kentucky Parkway, stretching from the Industrial Park pump station to the east and the WWTP to the west. This project will be broken into two parts. This project will continue to build on the Sanitary Sewer Evaluation Study (SSES) and sewer rehabilitation construction project completed by the City of Eddyville in 2016.</p> <p>Phase 1: The planning phase of this project will complete a SSES on the collection system described above. The SSES will include smoke testing, inspection, and cleaning on approximately 31,000 LF of 8" gravity sewer, 23,000 LF of 12" gravity sewer along with their respective manholes. The Industrial Park Lift Station will be inspected during this phase. Additionally, a number of monitors will be placed throughout the collection system to determine where to focus the rehabilitation work of phase 2.</p> <p>Phase 2: The findings from the SSES will dictate the rehabilitation recommendations to be completed within the system. The purpose of the project is to identify inflow and infiltration points and eliminate them. Construction will be done in this phase</p>
Todd	Todd	SX21219009	City of Guthrie	Guthrie - WWTP Expansion	35	9	20		630	Administrative \$60,000 Legal \$7,000 Land \$0 Relocation \$0 Planning \$0 Engineering \$682,500 Construction \$5,550,500 Equipment \$0 Miscellaneous \$0 Contingencies \$700,000 Total \$7,000,000	KIA SRF Fund A Loan (CW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$7,000,000 - \$7,000,000 \$7,000,000 Not Funded	Anticipated	-	10/01/2017	12/01/2017	This project will expand and upgrade the Guthrie wastewater treatment plant from 310,000 gallons per day to 1,000,000 gallons per day to serve new industrial prospects and new residential areas in the city.

WRIS Fiscal Year 2018 Project Rankings for PEADD

Planning Unit	County Name	PNUM	Applicant	Project Title	Ranking			Households		Project Cost Categories	Project Funding				Scheduling		Project Description
					Regional	Planning Unit	Total Points	Unserviced	Underserved		Source	Amount	Status	Applicable Date	Bid Date	Construction Start Date	
Trigg	Trigg	WX21221015	City of Cadiz	Cadiz Water Treatment Plant Project	1	1	75		1863	Administrative \$58,000 Legal \$35,000 Land \$50,500 Relocation \$0 Planning \$0 Engineering \$517,000 Construction \$4,912,000 Equipment \$0 Miscellaneous \$0 Contingencies \$460,500 Total \$6,033,000	CDBG Other RD Grant RD Loan DELTA KIA SRF Fund F Loan (DW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$1,000,000 \$1,800,000 \$675,000 \$2,025,000 \$400,000 \$1,000,000 \$400,000 \$6,033,000 \$5,633,000 Partially Funded	Anticipated Anticipated Anticipated Anticipated Committed Declined	- - - - 10/01/2016 08/02/2017	04/01/2017	06/01/2017	Project involves the construction of a new 1.5 MGD water treatment plant that includes raw water facilities, sedimentation basins, membrane filtration, clearwell, high service pumping facilities, chemical storage and feed equipment. In addition to the treatment facilities, a new ADA compliant operations and laboratory building will be constructed. Location of this plant will be -87.749760 x 36.877244.
Hopkins	Hopkins	WX21107049	North Hopkins Water District	North Hopkins System Improvement Project	2	1	65			Administrative \$5,000 Legal \$11,000 Land \$5,000 Relocation \$0 Planning \$12,000 Engineering \$120,600 Construction \$880,000 Equipment \$0 Miscellaneous \$10,000 Contingencies \$96,400 Total \$1,140,000	RD Grant RD Loan Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$1,140,000 \$855,000 - \$1,140,000 \$1,140,000 Not Funded	Anticipated Anticipated	- -	09/01/2017	11/01/2017	In order to correct the high levels of TTHM in the system, NHWD proposes to purchase water from WCWD along KY 41 near Slaughters. Water purchased from WCWD will be in compliance and should help NHWD not to exceed MCL levels for TTHM. The proposed connection will require a 225 gpm booster pump station, master meter and approximately 20,200 L.F. of 8-inch water line. NHWD also intends to install approximately 20 flushing hydrants or flushing assemblies throughout its system. With these additional flushing pints, NHWD should be able to develop a flushing routine that will also help to reduce the levels of TTHM.
Todd	Todd	WX21219032	Logan-Todd Regional Water Commission	Logan/Todd - 12" Waterline Upgrade (Elkton to Allender's Hill)	3	1	63	0	43	Administrative \$2,000 Legal \$5,000 Land \$1,000 Relocation \$0 Planning \$10,000 Engineering \$128,600 Construction \$860,200 Equipment \$0 Miscellaneous \$0 Contingencies \$93,200 Total \$1,100,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$1,100,000 \$1,100,000 Not Funded					This project will replace the existing undersized 8" line with approximately 13,000 feet of 12" DIP.
Muhlenberg	Muhlenberg	WX21177033	Muhlenberg County Water District #3	MCWD #3 - Pump Station Efficiency Upgrade	4	1	61		2149	Administrative \$2,250 Legal \$0 Land \$0 Relocation \$0 Planning \$0 Engineering \$0 Construction \$0 Equipment \$45,000 Miscellaneous \$0 Contingencies \$0 Total \$47,250	KIA SRF Fund F Loan (DW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$47,250 - \$47,250 \$47,250 Not Funded	Ranked	05/19/2017	10/01/2017	12/01/2017	This project will upgrade the systems pump stations with new panels and variable-frequency drives. These upgrades will take place on all system pump stations. The new VFDs and panels will enable the Water District to save electrical costs and extend the life of the pumps.
Lyon	Lyon	WX21143005	City of Kuttawa	Kuttawa - Emergency Standby Generators	5	1	35		430	Administrative \$3,000 Legal \$0 Land \$0 Relocation \$0 Planning \$0 Engineering \$0 Construction \$97,000 Equipment \$0 Miscellaneous \$0 Contingencies \$0 Total \$100,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$100,000 \$100,000 Not Funded					This project will purchase and install 2 emergency standby generators to prevent water outages throughout the utilities distribution system.
Christian	Christian	WX21047019	City of Oak Grove	Oak Grove - Hugh Hunter Road Waterline Replacement	6	1	56	0	3500	Administrative \$21,625 Legal \$8,650 Land \$0 Relocation \$0 Planning \$0 Engineering \$128,020 Construction \$620,205 Equipment \$0 Miscellaneous \$0 Contingencies \$86,500 Total \$865,000	KIA SRF Fund F Loan (DW) KIA SRF Fund F Loan (DW) KIA SRF Fund F Loan (DW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$865,000 \$865,000 \$865,000 - \$865,000 \$865,000 Not Funded	Anticipated Anticipated Ranked	- - 05/19/2017	10/01/2017	12/01/2017	This project will replace approximately 6,526 LF of waterline in Oak Grove. There currently exists two (2) 6-inch water mains along Hugh Hunter road from Carter road to Ky Hwy. 115. One 6-inch line lies along the N. R/W of the road and the other runs along the south edge of pavement for the entire distance. These are the only two lines that supply the entire city at this point and a replacement is necessary to relieve the bottleneck in the system. The south 6-inch water line will be replaced.
Crittenden	Crittenden	WX21055013	City of Marion	Marion - Sludge Basin Rehabilitation	7	1	55		1550	Administrative \$7,500 Legal \$300 Land \$0 Relocation \$0 Planning \$0 Engineering \$60,150 Construction \$275,500 Equipment \$0 Miscellaneous \$0 Contingencies \$31,550 Total \$375,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$375,000 \$375,000 Not Funded					This project will construct a new sludge drying bed and provide upgrades to the existing sludge ponds to pump the sludge from the existing pond to the new beds.

WRIS Fiscal Year 2018 Project Rankings for PEADD

Planning Unit	County Name	PNUM	Applicant	Project Title	Ranking			Households		Project Cost Categories	Project Funding				Scheduling		Project Description		
					Regional	Planning Unit	Total Points	Unservd	Underserved		Source	Amount	Status	Applicable Date	Bid Date	Construction Start Date			
Livingston	Livingston	WX21139013	City of Grand Rivers	Grand Rivers - Waterline Replacement Project	8	1	45	0	50	Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$21,250 \$850 \$0 \$0 \$125,800 \$617,100 \$0 \$0 \$85,000 \$850,000	KIA SRF Fund F Loan (DW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$850,000 - \$850,000 \$850,000 Not Funded	Anticipated	-	10/01/2017	12/01/2017	This project will replace approximately 16.1 miles of existing undersized 4" watermain on Van hooser road, Paradise road, luka road and strigtown loop with 6" PVC watermain as follows: Van Hooser Road - 20,000 LF, Paradise Road - 25,000 LF and luka Road/Stringtown Loop - 40,000 LF.	
Caldwell	Caldwell	WX21033021	Princeton Water & Wastewater Commission	Princeton - Water Line Improvements	9	1	50			Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$60,000 \$5,000 \$10,000 \$0 \$10,000 \$151,000 \$1,081,800 \$0 \$0 \$108,200 \$1,426,000	Other Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$1,426,200 - \$1,426,000 \$1,426,000 Not Funded	Anticipated	-			Installation of approximately 17,000 LF of 6" water line to replace aged and deficient smaller diameter lines and to "loop" in dead-end lines.	
Hopkins	Hopkins	WX21107050	City of Mortons Gap	Mortons Gap Water System Improvement Project	10	2	57			Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$40,000 \$18,000 \$0 \$0 \$20,000 \$207,000 \$1,250,000 \$0 \$0 \$125,000 \$1,660,000	CDBG RD Grant RD Loan KIA SRF Fund F Loan (DW) CDBG Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$840,000 \$400,000 \$425,000 \$1,660,000 \$835,000 - \$1,660,000 \$1,660,000 Not Funded	Anticipated Anticipated Anticipated Anticipated Withdrawn	- - - -	06/30/2016	07/01/2017	09/01/2017	This project involves replacing existing plastic fittings with ductile iron, adding valves to allow isolation of lines for maintenance, adding/replacing fire hydrants, replacing all meters with new radio read meters, replacing all service tubing from the main to the meter, and creating a new monitoring system (SCADA) for the tank and master meter.
Trigg	Trigg	WX21221016	Barkley Lake Water District	McUpton Pump Station Replacement	11	2	56		15	Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$87,960 \$0 \$0 \$0 \$10,000 \$98,913 \$578,127 \$0 \$0 \$75,000 \$850,000	RD Loan DELTA Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$850,000 \$500,000 - \$850,000 \$850,000 Not Funded	Anticipated Anticipated	- -			This project will replace the aging pump station located at the old McUpton School. The original pump station is a duplex the new station will be updated to a triplex pump system. The District will also include the installation of new scada, VFDs, and piping to bring the new station online. This project will also include the replacement of aging lines that will not be able to handle the increased pressure of the new station.	
Muhlenberg	Muhlenberg	WX21177039	Central City Municipal Water & Sewer System	Water System Improvements Project	12	2	53			Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$5,000 \$10,500 \$0 \$0 \$25,000 \$118,000 \$765,000 \$0 \$0 \$76,500 \$1,000,000	RD Loan RD Grant Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$700,000 \$300,000 - \$1,000,000 \$1,000,000 Not Funded	Anticipated Anticipated	- -	04/02/2018	06/01/2018	The project as currently envisioned will include the rehabilitation and painting of one of the City's oldest water storage tanks, which was not included in the City's prior tank rehab efforts due to lack of funding. Furthermore, the project involves the demolition of the Stringtown Road elevated water tank, which was taken out of service in 2015 after coating failures were discovered and deemed too costly to rehabilitate. Other improvements proposed include: installing tank mixing systems in the existing water tanks to improve water quality; replacing sluice gates at the intake for proper operator maintenance and control of the raw water flow; valve replacement/repair at the Reservoir Hill tanks which is crucial for temporarily taking tank No. 2 offline for painting; plus other small structural enhancements at the water plant. The project is estimated to cost \$1,000,000.	
Christian	Christian	WX21047035	Christian County Water District	Christian County Water District - Waterline Replacement & Extension	13	2	50		6000	Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$0 \$3,818 \$0 \$0 \$0 \$404,708 \$3,027,674 \$0 \$0 \$381,800 \$3,818,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$3,818,000 \$3,818,000 Not Funded					This project will replace approximately 83 miles of aging waterline in scattered sites across the distribution system and extend approximately 5 miles of new watermain to allow looping of the system and interconnections with other water utilities.	
Crittenden	Crittenden	WX21055011	Crittenden-Livingston County Water District	CLWD - Line Extensions (Crittenden)	14	2	50	60	0	Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$24,375 \$975 \$0 \$0 \$0 \$140,888 \$711,262 \$0 \$0 \$97,500 \$975,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$975,000 \$975,000 Not Funded					This project will install 21.5 miles of water main in Crittenden County. These new lines will provide service to 60 homes. The 21.5 miles of water main is broken into 13 differnt line segments. These line segments will provide service to new customers as well as eliminating dead end lines. The elimination of the dead end lines will provide increase redundancy within the system as well as reducing the amount of lost water due to line flushing.	

WRIS Fiscal Year 2018 Project Rankings for PEADD

Planning Unit	County Name	PNUM	Applicant	Project Title	Ranking			Households		Project Cost Categories	Project Funding				Scheduling		Project Description
					Regional	Planning Unit	Total Points	Unserviced	Underserved		Source	Amount	Status	Applicable Date	Bid Date	Construction Start Date	
Caldwell	Caldwell	WX21033018	Princeton Water & Wastewater Commission	Princeton - Tank Rehabilitation	15	2	46		3500	Administrative \$7,500 Legal \$0 Land \$0 Relocation \$0 Planning \$0 Engineering \$60,150 Construction \$202,350 Equipment \$0 Miscellaneous \$0 Contingencies \$30,000 Total \$300,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$300,000 \$300,000 Not Funded					This project will make needed repairs and upgrades to system tanks.
Todd	Todd	WX21219033	City of Elkton	Elkton - Water System Rehabilitation and Upgrade project	16	2	46			Administrative \$50,000 Legal \$0 Land \$0 Relocation \$0 Planning \$50,000 Engineering \$170,000 Construction \$1,000,000 Equipment \$0 Miscellaneous \$0 Contingencies \$0 Total \$1,270,000	KIA SRF Fund F Loan (DW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$1,270,000 - \$1,270,000 \$1,270,000 Not Funded	Declined	09/01/2017	10/01/2017	12/01/2017	This project will replace existing 2-inch galvanized lines and other undersized lines in town, plus miscellaneous distribution system improvements. The project will also replace the cities aging tanks with a single 500,000 gallon tank.
Lyon	Lyon	WX21143011	City of Kuttawa	City of Kuttawa - I-24 Water Storage Tank	17	2	46		215	Administrative \$17,500 Legal \$700 Land \$0 Relocation \$0 Planning \$0 Engineering \$110,950 Construction \$500,850 Equipment \$0 Miscellaneous \$0 Contingencies \$70,000 Total \$700,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$700,000 \$700,000 Not Funded					This project will improve storage and provide redundancy for Kuttawa's existing water storage tank. It will improve disinfection residual by providing an additional point to for the addition of chemicals.
Christian	Christian	WX21047036	Christian County Water District	Christian County Water District Princeton Road Tank & System Upgrade	18	3	43	3	2200	Administrative \$7,500 Legal \$18,000 Land \$10,000 Relocation \$0 Planning \$15,000 Engineering \$187,500 Construction \$1,375,000 Equipment \$0 Miscellaneous \$0 Contingencies \$137,000 Total \$1,750,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$1,750,000 \$1,750,000 Not Funded					This project will build a new water storage tank on Princeton Road to replace the existing, undersized tank on Princeton Road and to eliminate the existing deteriorated tank on Quisenberry Lane. Also includes renovation and reuse of the existing Gracey pump station, and enlarging feed lines to the area.
Trigg	Trigg	WX21221009	City of Cadiz	Cadiz - IGA Water Tank Replacement	19	3	43			Administrative \$21,750 Legal \$870 Land \$0 Relocation \$0 Planning \$0 Engineering \$128,760 Construction \$718,620 Equipment \$0 Miscellaneous \$0 Contingencies \$87,000 Total \$957,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$957,000 \$957,000 Not Funded					This project will replace the existing 325,000 gallon IGA water tank with a new 500,000 gallon elevated tank near the existing site. Once the new tank is constructed the existing tank will be removed from service and dismantled.
Hopkins	Hopkins	WX21107029	City of White Plains	White Plains - Concord Tank & Pump Station	20	4	36			Administrative \$19,250 Legal \$770 Land \$0 Relocation \$0 Planning \$0 Engineering \$117,040 Construction \$555,940 Equipment \$0 Miscellaneous \$0 Contingencies \$77,000 Total \$770,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$770,000 \$770,000 Not Funded					This project will construct a 100,000 gallon standpipe water tank near Concord church road, 3,500 LF of 4" watermain and a booster pump station near the intersection of KY Hwy 813 and US 62 to serve the proposed water tank.
Christian	Christian	WX21047027	Hopkinsville Water Environment Authority	HWEA - Crofton Water Line Replacement	21	4	36		838	Administrative \$0 Legal \$4,110 Land \$0 Relocation \$0 Planning \$0 Engineering \$371,377 Construction \$3,274,408 Equipment \$0 Miscellaneous \$0 Contingencies \$411,100 Total \$4,060,995	Local KIA SRF Fund F Loan (DW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$110,995 \$4,000,000 - \$4,060,995 \$4,060,995 Not Funded	Anticipated Ranked	- 04/06/2015	03/01/2015	08/02/2016	This project will replace existing asbestos-cement pipe in the Crofton distribution system with 26,660 LF of 6" ductile iron pipe and 6,150 LF of 8" ductile iron pipe. The project will also include necessary hydrants, valves and service replacement.

WRIS Fiscal Year 2018 Project Rankings for PEADD

Planning Unit	County Name	PNUM	Applicant	Project Title	Ranking			Households		Project Cost Categories	Project Funding				Scheduling		Project Description
					Regional	Planning Unit	Total Points	Unservd	Underserved		Source	Amount	Status	Applicable Date	Bid Date	Construction Start Date	
Christian	Christian	WX21047004	Hopkinsville Water Environment Authority	HWEA - Crofton Water Main Extension Project	22	5	34	7	0	Administrative \$20,000 Legal \$15,000 Land \$10,000 Relocation \$0 Planning \$20,000 Engineering \$576,541 Construction \$4,840,000 Equipment \$200,000 Miscellaneous \$0 Contingencies \$484,000 Total \$6,165,541	Local Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$50,000 - \$6,165,541 \$6,165,541 Not Funded	Anticipated	-			The project will include approximately 11 miles of 12" ductile iron water main and a booster station.
Hopkins	Hopkins	WX21107053	South Hopkins Water District	Grapevine Tank Replacement and Line Upgrades	23	10	34			Administrative \$20,000 Legal \$10,000 Land \$60,000 Relocation \$0 Planning \$0 Engineering \$203,118 Construction \$1,238,523 Equipment \$0 Miscellaneous \$0 Contingencies \$0 Total \$1,531,641	CDBG RD Loan Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$1,000,000 \$531,641 - \$1,531,641 \$1,531,641 Not Funded	Anticipated Anticipated	- -			This project will replace the existing 36,000 gallon standpipe tank with a new 100,000 gallon elevated tank located in the Grapevine community along North Sandcut Rd. New lines totaling 14,361 LF of 6" PVC pipe will be added along North Sandcut Rd and Flat Creek Rd and 860 FT of 3" PVC pipe along Almon-Uzzle Rd. Additionally, valves with be replaced and a new booster pump will be constructed.
Livingston	Livingston	WX21139018	City of Grand Rivers	Grand Rivers - Newbern Road Water Line Extension	24	2	34	0	15	Administrative \$4,375 Legal \$175 Land \$0 Relocation \$0 Planning \$0 Engineering \$39,550 Construction \$113,400 Equipment \$0 Miscellaneous \$0 Contingencies \$17,500 Total \$175,000	 Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$175,000 \$175,000 Not Funded					This project will extend approximately 17,500 LF of 6" PVC water main north of the city along Newbern Road to provid service to 15 unserved households.The project will also include connecting existing dead end lines to make loops in the system to improve circulation.
Todd	Todd	WX21219023	Logan-Todd Regional Water Commission	Logan-Todd Rwc/Guthrie - Clarksville, Tn Interconnection	25	5	34	1	0	Administrative \$60,000 Legal \$75,000 Land \$0 Relocation \$0 Planning \$0 Engineering \$1,228,500 Construction Equipment \$10,336,50 Miscellaneous 0 Contingencies \$0 Total \$0 \$1,300,000 \$13,000,00 0	 Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$13,000,000 \$13,000,000 Not Funded					This project will include the constrution of 24,500 LF of 24" di water main and a 2MG water tank on US79 to interconnect the Logan-Todd RWC with the City of Clarksville, TN distribution system. The project will also include a 750,000 gallon clearwell and two additional filter skids to the WTP to provide 3MGD additional capacity for the project. The project will add the City of Clarksville as a wholesale customer.
Trigg	Trigg	WX21221013	City of Cadiz	Cadiz - Line Rehabilitation - Will Jackson Road Hwy 778	26	5	34	0	19	Administrative \$25,000 Legal \$0 Land \$0 Relocation \$0 Planning \$0 Engineering \$50,000 Construction \$887,500 Equipment \$0 Miscellaneous \$0 Contingencies \$0 Total \$962,500	 Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$962,500 \$962,500 Not Funded					This project will replace approximately 8000 feet of undersized and outdated water line. This line serves 40 customers in the system and will enhance fire protection in the area.
Livingston	Livingston	WX21139024	Ledbetter Water District	Ledbetter - Radio Read Meters	27	3	33		1200	Administrative \$5,120 Legal \$0 Land \$0 Relocation \$0 Planning \$0 Engineering \$0 Construction \$179,195 Equipment \$0 Miscellaneous \$0 Contingencies \$20,480 Total \$204,795	 Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$204,795 \$204,795 Not Funded					Purchase radio read meters and necessary equipement to complete the change to the AMR system. Funds will be used to purchase a laptop and 1120 meters.

WRIS Fiscal Year 2018 Project Rankings for PEADD

Planning Unit	County Name	PNUM	Applicant	Project Title	Ranking			Households		Project Cost Categories	Project Funding				Scheduling		Project Description
					Regional	Planning Unit	Total Points	Unservd	Underserved		Source	Amount	Status	Applicable Date	Bid Date	Construction Start Date	
Lyon	Lyon	WX21143012	City of Eddyville	City of Eddyville - Automated Meter Reading	28	3	33		1395	Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$7,800 \$0 \$0 \$0 \$0 \$0 \$252,200 \$0 \$0 \$0 \$260,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$260,000 \$260,000 Not Funded				This project will improve the efficiency of the meter reading process allowing for more operational efficiency and better customer service.
Hopkins	Hopkins	WX21107025	City of White Plains	White Plains - Phase 2 Red Hill Tank, Pump Station and Waterline Extension	29	3	33	1	275	Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$16,750 \$670 \$0 \$0 \$0 \$106,195 \$479,385 \$0 \$0 \$0 \$67,000 \$670,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$670,000 \$670,000 Not Funded				This project will construct a 107,000 gallon water tank and pump station on Red Hill Road. The project will also improve pressure throughout the distribution system.
Todd	Todd	WX21219014	City of Trenton	Trenton - Water System Improvements	30	3	33			Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$10,000 \$400 \$0 \$0 \$0 \$74,800 \$274,800 \$0 \$0 \$0 \$40,000 \$400,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$400,000 \$400,000 Not Funded				This project will include replacing 10,000 LF of 6" waterline, 20 fire hydrants and 100 water meters. The project also includes demolishing an existing elevated water tank.
Caldwell	Caldwell	WX21033016	Caldwell County Water District	Caldwell County WD - Water Tank Replacement and Upgrades	31	3	33		65	Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$56,309 \$0 \$0 \$0 \$0 \$252,716 \$1,718,110 \$0 \$0 \$225,237 \$2,252,372	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$2,252,372 \$2,252,372 Not Funded				Replace two existing storage tanks and one pump station to provide needed capacity and increased pressure. Install booster pump station to increase pressure to 30 customers
Hopkins	Hopkins	WX21107009	City of Madisonville	Madisonville Dozier Heights Waterline Replacement	32	5	32	0	544	Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$0 \$354 \$0 \$0 \$0 \$66,277 \$252,342 \$0 \$0 \$35,440 \$354,413	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$354,413 \$354,413 Not Funded				This project will replace inadequately sized water lines within the distribution system to underserved customers.
Trigg	Trigg	WX21221008	Barkley Lake Water District	Barkley Lake Water District - Water Line Extension	33	6	32	59	0	Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$60,000 \$3,500 \$0 \$0 \$0 \$371,000 \$3,065,500 \$0 \$0 \$350,000 \$3,850,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$3,850,000 \$3,850,000 Not Funded				This project will extend 275,000 +/- feet of various sized PVC waterline to provide potable water to 220 +/- residential customers who currently do not have public water service. the project consist of 100 +/- individual line extensions through out the county and provide water to all known households without a public water source.
Muhlenberg	Muhlenberg	WX21177028	City of Greenville	Greenville - AMR Project	34	4	31		2000	Administrative Legal Land Relocation Planning Engineering Construction Equipment Miscellaneous Contingencies Total	\$10,000 \$0 \$0 \$0 \$0 \$0 \$325,000 \$0 \$0 \$0 \$335,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$335,000 \$335,000 Not Funded		01/15/2014	04/15/2014	This project will install radio read meters within the Greenville water system.

WRIS Fiscal Year 2018 Project Rankings for PEADD

Planning Unit	County Name	PNUM	Applicant	Project Title	Ranking			Households		Project Cost Categories	Project Funding				Scheduling		Project Description
					Regional	Planning Unit	Total Points	Unserviced	Underserved		Source	Amount	Status	Applicable Date	Bid Date	Construction Start Date	
Lyon	Lyon	WX21143013	City of Kuttawa	City of Kuttawa - Automated Meter Reading System	35	4	31		430	Administrative \$4,500 Legal \$0 Land \$0 Relocation \$0 Planning \$0 Engineering \$0 Construction \$145,500 Equipment \$0 Miscellaneous \$0 Contingencies \$0 Total \$150,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$150,000 \$150,000 Not Funded					This project will provide automation to the water systems and improve the efficiency of the meter reading process allowing for more operational effeciency and better customer service.
Caldwell	Caldwell	WX21033017	City of Fredonia	Fredonia - Tank Rehabilitation	36	4	31		340	Administrative \$5,000 Legal \$0 Land \$0 Relocation \$0 Planning \$0 Engineering \$0 Construction \$195,000 Equipment \$0 Miscellaneous \$0 Contingencies \$0 Total \$200,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$200,000 \$200,000 Not Funded					This project will paint and reline the Fredonia tank
Muhlenberg	Muhlenberg	WX21177023	Muhlenberg County Water District #1	Muhlenberg County Water District #1 - System Rehabilitation	37	3	31			Administrative \$17,500 Legal \$0 Land \$0 Relocation \$0 Planning \$0 Engineering \$0 Construction \$566,897 Equipment \$0 Miscellaneous \$0 Contingencies \$0 Total \$584,397	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$584,397 \$584,397 Not Funded					This project will replace existing AC line with PVC at various locations. Install approximately 60 new flush hydrants and address hydrant maintance and repair within the county. The system will also install bypass meters and generator throws at all of the tanks.
Todd	Todd	WX21219024	City of Elkton	Elkton - Water Storage Tank Improvements	38	4	29			Administrative \$5,000 Legal \$200 Land \$0 Relocation \$0 Planning \$0 Engineering \$45,200 Construction \$129,600 Equipment \$0 Miscellaneous \$0 Contingencies \$20,000 Total \$200,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$200,000 \$200,000 Not Funded					This project will make improvements to the garth street tank and the Allensville Road tank by adding circulation tubes and painting both of the tanks.
Caldwell	Caldwell	WX21033012	Caldwell County Water District	Caldwell County Water District - Rd Debt Reduction	39	5	29		1980	Administrative \$15,000 Legal \$0 Land \$0 Relocation \$0 Planning \$0 Engineering \$0 Construction \$0 Equipment \$0 Miscellaneous \$485,000 Contingencies \$0 Total \$500,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$500,000 \$500,000 Not Funded					This project will reduce principle debt on the systems rural development loan to help prevent an increase water rates.
Hopkins	Hopkins	WX21107008	City of Madisonville	Madisonville Noel Av Line Replacement	40	6	29	0	1500	Administrative \$0 Legal \$588 Land \$0 Relocation \$0 Planning \$0 Engineering \$97,130 Construction \$431,122 Equipment \$0 Miscellaneous \$0 Contingencies \$58,760 Total \$587,600	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$587,600 \$587,600 Not Funded					This project will replace an existing waterline on Noel Avenue with a 16" di pipe. The line was originally installed as a cast iron raw water line from Lake Pee Wee to WTP as City Park in 1953. WTP at City Park was put out of service and line was converted to potable use.
Livingston	Livingston	WX21139023	Ledbetter Water District	Ledbetter - Paris Rd Main Extension	41	4	29	6	0	Administrative \$3,750 Legal \$150 Land \$0 Relocation \$0 Planning \$0 Engineering \$33,900 Construction \$97,200 Equipment \$0 Miscellaneous \$0 Contingencies \$15,000 Total \$150,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$150,000 \$150,000 Not Funded					Install approximately 3,350 feet of six inch water main. This main should initially serve six customers. The area is developing quickly, and properties are being divided into smaller parcels. Potential exists to serve several more customers in the near future.

WRIS Fiscal Year 2018 Project Rankings for PEADD

Planning Unit	County Name	PNUM	Applicant	Project Title	Ranking			Households		Project Cost Categories	Project Funding				Scheduling		Project Description
					Regional	Planning Unit	Total Points	Unservd	Underserved		Source	Amount	Status	Applicable Date	Bid Date	Construction Start Date	
Caldwell	Caldwell	WX21033013	Caldwell County Water District	Caldwell County Water District - Emergency Standby Generators	42	7	26		1980	Administrative \$2,500 Legal \$0 Land \$0 Relocation \$0 Planning \$0 Engineering \$0 Construction \$0 Equipment \$97,500 Miscellaneous \$0 Contingencies \$0 Total \$100,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$100,000 \$100,000 Not Funded					This project will purchase and install 2 emergency standby generators to prevent water outages throughout the utilities distribution system.
Trigg	Trigg	WX21221014	Barkley Lake Water District	Barkley Lake Water District - Sludge Storage Lagoon Improvements	43	7	26		5800	Administrative \$0 Legal \$5,000 Land \$0 Relocation \$0 Planning \$0 Engineering \$63,281 Construction \$249,810 Equipment \$0 Miscellaneous \$0 Contingencies \$31,810 Total \$349,901	Local Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$349,901 - \$349,901 \$349,901 Not Funded	Anticipated	-			Project consists of construction of a new sludge storage lagoon at the water treatment plant. Currently the plant has only one lagoon and has occasional discharge. The lagoon will be constructed on an approximate 3/4 acre site adjacent to the existing lagoon. The new lagoon will be connected by piping to the existing lagoon to allow either parallel or sequential operation. Decanting depth will be adjustable. The lagoons will be fenced for safety.
Christian	Christian	WX21047003	Hopkinsville Water Environment Authority	HWEA Hopkinsville Water Main Extension Project	44	6	26	50	0	Administrative \$0 Legal \$8,163 Land \$0 Relocation \$0 Planning \$0 Engineering \$771,436 Construction \$6,567,405 Equipment \$0 Miscellaneous \$0 Contingencies \$816,333 Total \$8,163,337	KIA SRF Fund F Loan (DW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$4,000,000 - \$8,163,337 \$8,163,337 Not Funded	Declined	09/29/2015	03/15/2015	08/02/2016	Most of the HWEA water service area has water service. Less than 50 residential/businesses are without water service. This project would extend water service to the unserved areas of Eagle Way Bypass, MLK Jr. Highway, Bradshaw Road, Babb Lane, and Kentucky 1027. The project would also loop the 16" to 20" water main around the Eagle Way Bypass, including 9,000 feet of 20" DIP water main from the 16" Eastern Transmission main to the 20" water main extension at Lover's Lane, 17,000 feet of DIP along the Eagle Way Bypass to the North Fork of the Little river, 1,500 feet of 16" DIP water main from Eagle Way bypass to the Sanderson Tank, 4,000 feet of 24" DIP water main from the Moss WTP to US41A. The project would also include approximately 300 insertion valves within the HWEA service system
Caldwell	Caldwell	WX21033011	Caldwell County Water District	Caldwell County Water District - Radio Read Meters	45	8	26		2000	Administrative \$18,125 Legal \$0 Land \$0 Relocation \$0 Planning \$0 Engineering \$43,500 Construction \$663,375 Equipment \$0 Miscellaneous \$0 Contingencies \$0 Total \$725,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$725,000 \$725,000 Not Funded					This project will upgrade 2,000 +/- water meters to radio read meters to allow remote reading by the water district's staff and improve moitoring and control of the distribution system. The project will include a meter reading vehicle, computer equipment and software. The project will also add a telemetry system to the existing water tanks. Any remaining funds will be used to continue extending lines to new customers.
Trigg	Trigg	WX21221010	Barkley Lake Water District	Barkley Lake Water District - Emergency Standby Generators	46	8	25			Administrative \$17,550 Legal \$0 Land \$0 Relocation \$0 Planning \$0 Engineering \$0 Construction \$625,950 Equipment \$0 Miscellaneous \$0 Contingencies \$0 Total \$643,500	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$643,500 \$643,500 Not Funded					This project will purchase and install 9 emergency standby generators to prevent water outages throughout the county's distribution systems.
Lyon	Lyon	WX21143004	Lyon County Water District	Lyon County Water District - Emergency Standby Generators	47	5	24		2511	Administrative \$3,000 Legal \$0 Land \$0 Relocation \$0 Planning \$0 Engineering \$0 Construction \$97,000 Equipment \$0 Miscellaneous \$0 Contingencies \$0 Total \$100,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$100,000 \$100,000 Not Funded					This project will purchase and install 7 emergency standby generators to prevent water outages throughout the utilities distribution system.
Livingston	Livingston	WX21139025	Crittenden-Livingston County Water District	CLWD - Line Extensions (Livingston)	48	5	24	26	0	Administrative \$14,125 Legal \$565 Land \$0 Relocation \$0 Planning \$0 Engineering \$93,395 Construction \$400,415 Equipment \$0 Miscellaneous \$0 Contingencies \$56,500 Total \$565,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$565,000 \$565,000 Not Funded					This project will install approximately 12.5 miles of water mains to provide service to 26 households

WRIS Fiscal Year 2018 Project Rankings for PEADD

Planning Unit	County Name	PNUM	Applicant	Project Title	Ranking			Households		Project Cost Categories	Project Funding				Scheduling		Project Description
					Regional	Planning Unit	Total Points	Unserviced	Underserved		Source	Amount	Status	Applicable Date	Bid Date	Construction Start Date	
Hopkins	Hopkins	WX21107031	City of Dawson Springs	Dawson Springs - Emergency Standby Generators	49	7	22			Administrative \$13,140 Legal \$0 Land \$0 Relocation \$0 Planning \$0 Engineering \$0 Construction \$424,959 Equipment \$0 Miscellaneous \$0 Contingencies \$0 Total \$438,099	FEMA Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$438,099 - \$438,099 \$438,099 Not Funded	Applied For	07/01/2009			This project will purchase and install 7 emergency standby generators to prevent water outages throughout the utilities distribution system.
Livingston	Livingston	WX21139022	Ledbetter Water District	Ledbetter - Holland Road Main Extension	50	6	22	7		Administrative \$7,500 Legal \$300 Land \$0 Relocation \$0 Planning \$0 Engineering \$60,150 Construction \$202,050 Equipment \$0 Miscellaneous \$0 Contingencies \$30,000 Total \$300,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$300,000 \$300,000 Not Funded					Install approximately 5,000 feet of 6 inch PVC water main. Includes road bore under state road, KY 453, as well as some other areas where directional drilling may be necessary. This main should serve six or seven customers, with potential to serve more as the area develops. Several requests for water service have been received by the water district over the past few years.
Hopkins	Hopkins	WX21107033	South Hopkins Water District	South Hopkins Water District - Emercency Standby Generators	51	8	21		1900	Administrative \$17,000 Legal \$0 Land \$0 Relocation \$0 Planning \$0 Engineering \$0 Construction \$549,989 Equipment \$0 Miscellaneous \$0 Contingencies \$0 Total \$566,989	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$566,989 \$566,989 Not Funded					This project will purchase and install 10 emergency standby generators to prevent water outages throughout the utilities distribution system.
Christian	Christian	WX21047029	Hopkinsville Water Environment Authority	HWEA - Hopkinsville Industrial Foundation Commerce Park West Loop	52	7	21		59	Administrative \$0 Legal \$210 Land \$0 Relocation \$0 Planning \$0 Engineering \$42,105 Construction \$146,685 Equipment \$0 Miscellaneous \$0 Contingencies \$21,000 Total \$210,000	KIA SRF Fund F Loan (DW) KIA SRF Fund F Loan (DW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$210,000 \$210,000 - \$210,000 \$210,000 Not Funded	Ranked Expired	04/06/2015 02/27/2015	03/15/2015	08/02/2016	This project will install approximately 5,800 LF of 12" DI pipe to loop the water mains in commerce industrial park. The project is needed to provide consistent pressure and improved fire suppression capabilities to the industries located in the park. Response to SRF questions: The primary purpose for this project is to improve system pressure by tying together (2) dead ends.
Hopkins	Hopkins	WX21107021	City of White Plains	White Plains - US 62/Concord Ch. Rd. - MG Int. (P2)	53	9	20	0	77	Administrative \$5,250 Legal \$210 Land \$0 Relocation \$0 Planning \$0 Engineering \$42,105 Construction \$141,435 Equipment \$0 Miscellaneous \$0 Contingencies \$21,000 Total \$210,000	Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	- \$210,000 \$210,000 Not Funded					This project will include 9,500 LF +/- of 6" PVC water main extension along US 62 and Concord Church Road to replace an undersized line and complete a loop within the existing system.
Caldwell	Caldwell	WX21033019	Caldwell County Water District	Caldwell County Water District - U.S. Hwy 62 Area Water System Improvements	54	9	20	0	225	Administrative \$30,000 Legal \$23,847 Land \$53,847 Relocation \$0 Planning \$0 Engineering \$164,233 Construction \$1,076,940 Equipment \$0 Miscellaneous \$0 Contingencies \$107,694 Total \$1,456,561	KIA SRF Fund F Loan (DW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$1,456,561 - \$1,456,561 \$1,456,561 Not Funded	Ranked	05/19/2017	10/01/2017	12/01/2017	This project consists of the replacement of approximately 35,489 LF of six inch, and 21,154 LF of four inch waterlines and appurtenances. This replacement will occur along US 62, Stallins Rd., Orange Rd, Lance Nichols Cemetery Rd, Lewiston Church Rd, Longbreak Rd, and St Rt 1627.
Christian	Christian	WX21047002	Hopkinsville Water Environment Authority	HWEA - Crofton 750K Tank & Water Main Replacement	55	8	20	0	300	Administrative \$62,375 Legal \$2,495 Land \$100,000 Relocation \$0 Planning \$0 Engineering \$329,939 Construction \$1,900,691 Equipment \$0 Miscellaneous \$0 Contingencies \$149,500 Total \$2,545,000	KIA SRF Fund F Loan (DW) KIA SRF Fund F Loan (DW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$2,545,000 \$2,545,000 - \$2,545,000 \$2,545,000 Not Funded	Anticipated Declined	- 09/29/2015	06/01/2015	08/03/2016	The project will allow construction of a 750,000 gallon elevated storage tank to replace existing substandard 100,000 gallon tank and installation of approximately 7,398 linear feet of 12" ductile iron pressure pipe to service the proposed elevated replacement tank. Response for SRF: We have completed a rate study for this work and it would require that we raise the Crofton's water rates 75%. Unless this project was funded via a grant, we speculate Crofton's city council would not support said increase.

WRIS Fiscal Year 2018 Project Rankings for PEADD

Planning Unit	County Name	PNUM	Applicant	Project Title	Ranking			Households		Project Cost Categories	Project Funding				Scheduling		Project Description
					Regional	Planning Unit	Total Points	Unserviced	Underserved		Source	Amount	Status	Applicable Date	Bid Date	Construction Start Date	
Christian	Christian	WX21047032	Hopkinsville Water Environment Authority	HWEA Water Meter Replacement and AMR	56	9	19		15000	Administrative \$0 Legal \$6,000 Land \$0 Relocation \$0 Planning \$0 Engineering \$200,000 Construction \$5,544,000 Equipment \$0 Miscellaneous \$0 Contingencies \$250,000 Total \$6,000,000	KIA SRF Fund F Loan (DW) KIA SRF Fund F Loan (DW) Total Committed Funding Total ProjectCost Funding Gap Project Funding Status	\$6,000,000 \$6,000,000 -\$6,000,000 \$6,000,000 Not Funded	Ranked Expired	04/06/2015 02/27/2015	03/15/2015	08/02/2016	This project will replace approximately 15,000 water meters in Hopkinsville, Pembroke and Crofton with automated reading meters. The project includes computer equipment, meter reading devices and software.