

Graves County FY2012 Water Rankings

Project Number	Applicant	Project Title	Regional Ranking	County Ranking	Total Points	Project Cost	Committed Funds	Project Description
WX21083055	Symsonia Water District	New Storage Tank, Wells, and Treatment	2	1	54	\$1,250,000	\$595,000 HB608	The Symsonia Water District needs to add a new storage tank, two wells, and a treatment facility due to the growth of the community. These upgrades would allow the water district to better serve the community and its growth.
WX21083007	City of Wingo	Metering Improvements and SCADA System	14	2	40	\$91,780	\$0	This project includes upgrading the existing meters to the radio read meters and installation of the SCADA system for two water towers and water treatment plant within the system.
WX21083045	Mayfield Electric & Water	Repaint Pine Lake Water Tank	23	3	36	\$400,000	\$0	In order to continue to provide quality service to its customers, the Mayfield Electric & Water System has requested funding to repaint the Pine Lake water storage tank.
WX21083006	Graves County Water District	Water Metering Improvements	4	4	49	\$2,000,000	\$1,000,000 KIA Loan	This project will include the replacement of the existing water service metering systems within each of the water districts under the jurisdiction of the Graves County Water District. The proposed systems will include an automated meter reading interface designed to track real-time water usage and aid in leak/water loss monitoring.
WX21083020	Sedalia Water District	Hydrants, Sample Stations, and Land Acquisitions	33	5	32	\$10,000	\$0	This project calls for 1 fire hydrant on KY-97 and a flush hydrant on Walker road. Also included is 4 Sample stations on KY-339, (2) KY-97, and Walker road.
WX21083044	Mayfield Electric & Water	Water Storage		6		\$4,000,000	\$1,050,000 HB608	The project is the addition of a new water storage tank, associated pumping facilities, and a tie in to the Mayfield distribution system to improve system reliability and capacity.
WX21083042	Graves County Water District	KY 339 Water Line Replacement		7		\$120,000	\$0	The Fancy Farm Water District plans to replace the 6" line on KY 339. This is an aging transite line, prone to breaks, and a maintenance burden on the system.
WX21083075	Hickory Water District	AC Main Replacement on Treeland		8		\$80,000	\$0	Replace existing 4" AC main with the same size PVC main to eliminate costly repairs of deteriorating AC mains. The mains serve approximately 12 - 15 customers.
WX21083030	Graves County Water District	KY 80 Water Line Ext.		9		\$1,495,000	\$495,000 HB267	This project is proposed to link the Mayfield and Fancy Farm water systems. The project consists of the extension of approximately 8,500 L.F. of 8" or 12" SDR 21 PVC water main with related appurtenances and a new pre-engineered duplex booster pump station, master meter pit and radio telemetry improvements. This project will improve redundancy between systems and will potentially open the door for regional water treatment service for this portion of Graves County. Any additional funds available after completion of the interconnect will be used to continue implementing the automated meter system on the Graves County Water District.
WX21083047	Mayfield Electric & Water	WTP Controls Upgrade & Telemetry		10		\$2,100,000	\$0	In order to continue to provide quality service to its customers, the Mayfield Electric & Water System has requested funding to upgrade the water plant controls, add telemetry, pump upgrades, and electrical generation. This will allow for the future growth of the water system.
WX21083046	Mayfield Electric & Water	Repaint 12th Street Water Tank		11		\$300,000	\$0	In order to continue to provide quality service to its customers, the Mayfield Electric & Water System has requested funding to repaint the 12th street water storage tank.

WX21083019	Graves County Water District	Boyd Road/Wray Road		12		\$80,000	\$0	This project will improve the distribution system by connecting 2 dead ends and improving the pressure to customers by installing approximately 6,000 LF of 4" PVC.
WX21083076	Hickory Water District	AC Replacement on Fondo, Fuma, & Construction		13		\$95,000	\$0	Replace existing 4" & 6" AC main with the same size PVC main to eliminate costly repairs of deteriorating AC mains. The mains serve approximately 20 customers including one elderly care facility. The project area is located on fondo st.,fuma st., and construction dr.
WX21083056	Graves County Water District	Scott Road Loop		14		\$123,398	\$0	Consumers Water District plans to create a loop on Scott road, serving approximately 5 potential new customers. This will bring better flow in this area, currently served by a number of dead-end lines.
WX21083049	Mayfield Electric & Water	Replace Water Main (Hwy 303)		15		\$300,000	\$0	In order to continue to provide quality service to its customers, the Mayfield Electric & Water System has requested funding to replace aging 10" cast iron lines with 12" PVC lines. This would limit future breaks and the associated maintenance costs.
WX21083012	Sedalia Water District	AC Line Replacement		16		\$500,000	\$0	This project will consist of replacing approx. 18,000 LF of asbestos cement piping with PVC pipe. These lines are aging and the system is having high maintenance costs due to the number of leaks.
WX21083009	Graves County Water District	Cuba School Rd. Line Extension		17		\$258,686	\$0	Project will consist of extending a 6 inch PVC water line along Cuba School rd approx. 6200 L.F. to extend service to 14 new customers that are not served by the system. The project will also consist of adding in hydrants and valves where needed along the line extension.
WX21083015	Symsonia Water District	Extension KY 131		18		\$333,697	\$0	The Symsonia Water District needs to expand their water lines along KY 131 which will allow the system to form a loop to help decrease pressure problems in this area. Along Kaler road, there are several acres being developed for subdivisions. Providing water will help the development in this portion of the county and also improve the fire suppression for the current and future residents.
WX21083037	Graves County Water District	Cuba Water Tank		19		\$337,480	\$0	The Consumers Water District will be required to place a tank in the Cuba community upon completion of the loop project. This project will move an existing tank to Cuba. Customers in this area will experience better pressure and overall quality of water.
WX21083028	Hickory Water District	Hickory Road Extension		20		\$585,000	\$0	The Hickory WD proposes to extend a line along Hickory road from US 45 to Meridian road, a distance of approximately 3 miles. This project will provide public water to 12 unserved households. It also creates loops for better distribution throughout the overall system. Pressure and flow on the South end of the district will also be improved, thereby strengthening the practicality of an interconnection with Mayfield.
WX21083024	Hickory Water District	Meridian Road From Hickory Road to KY 408		21		\$405,000	\$0	The Hickory Water District proposes to extend a line along Meridian road, from the intersection of Hickory road to the intersection with KY-408. This project covers 1.8 miles and provides service to 13 households. It also creates loops for better distribution throughout the overall system. Pressure and flow on the South end of the district will also be improved, thereby strengthening the practicality of an interconnection with Mayfield.
WX21083026	Hickory Water District	KY 339 Lowes/Melber Extension		22		\$675,000	\$0	In order to serve the Lowes and Melber communities, Hickory proposes to extend a line NE along KY-339. This 5.1 mile line segment would provide water to 53 unserved households.

WX21083027	Hickory Water District	KY 945 Line Extension		23		\$600,000	\$0	The Hickory Water District proposes to extend a water line along KY-945, from KY-339 to KY-849. This project would serve 60 households over 4.5 miles.
WX21083011	Mayfield Electric & Water	Extension KY 1748		24		\$317,044	\$0	Mayfield will need to expand out KY 1748 and Old Dublin road. This area is already heavily populated and has potential for more growth.
WX21083035	Hickory Water District	Pottsville to KY 849		25		\$200,000	\$0	This project, along KY-945 from KY-408 to KY-849, will provide or enhance service to approximately 15 customers. The completion of this extension will also provide better circulation and pressure for this area. This addition to the system will utilize 8,000 feet of 6" PVC. Dependability of the water supply in the Lowes service area will be increased.
WX21083048	Mayfield Electric & Water	Replace Water Main (East South)		26		\$150,000	\$0	In order to continue to provide quality service to its customers, the Mayfield Electric & Water System has requested funding to replace aging 10" cast iron lines with 12" PVC lines. This would limit future breaks and the associated maintenance costs.
WX21083036	Hickory Water District	Pottsville to KY 440		27		\$175,000	\$0	This project, along KY-408 from KY-945 to KY-440, will provide or enhance service to approximately 10 customers. The completion of this extension will also provide better circulation and pressure for this area. This addition to the system will utilize 7,000 feet of 6" PVC. Dependability of the water supply in the Lowes service area will be increased.
WX21083050	Mayfield Electric & Water	Replace Water Main (Macedonia St.)		28		\$350,000	\$0	In order to continue to provide quality service to its customers, the Mayfield Electric & Water System has requested funding to replace aging 10" cast iron lines with 12" PVC lines. This would limit future breaks and the associated maintenance costs.
WX21083077	Hickory Water District	AC Replacement on West Plains, Southern, & Sophia		29		\$258,000	\$0	Replace existing 6" AC main with the same size PVC main to eliminate costly repairs of deteriorating AC mains. The mains serve approximately 40 customers. The project area will consist of southern Aly, Kimble st., Price st., West Plains rd., Sophia st., & Woodward st.
WX21083051	Mayfield Electric & Water	Fuller Tank Rehab		30		\$250,000	\$0	In order to continue to provide quality service to its customers, the Mayfield Electric & Water System has requested funding to repaint the fuller water storage tank.
WX21083078	Hickory Water District	AC Replacement on Hwy 121, Logsdon Dr., & Haven		31		\$75,000	\$0	Replace existing 6" AC main with the same size PVC main to eliminate costly repairs of deteriorating AC mains. The mains serve approximately 10 residential customers and 1 commercial customer. Project area will consist of Hwy 121 near exit 24 of Purchase Parkway, Logsdon Dr., & Haven Rd.
WX21083058	Mayfield Electric & Water	Willow Drive Main Replacement		32		\$849,000	\$0	This project consists of ±2,700 LF 12" DIP water main along Willow drive from South 10th street to KY-303. This transmission main replaces undersized 6" CI main and improves transmission, and fire protection on the South side of Mayfield.
WX21083059	Mayfield Electric & Water	Mayfield West Transmission Improvements		33		\$1,135,000	\$0	This project consists of ±6,600 L.F. of 12" PVC water main along KY-80 and in the vicinity of the Mayfield Golf and County Club. This main replaces undersized mains along KY-80, loops mains along Campbell court and Camelot lane, and improves transmission and fire protection to the west side of the Purchase Parkway.
WX21083060	Mayfield Electric & Water	Wyatt Drive Transmission Improvements		34		\$109,000	\$0	This project consists of ±600 LF 12" PVC water main between KY-303 near its intersection with Willow drive and the 10" water main behind the Kroger and Tractor Supply shopping centers. This main fills a gap in water transmission on the South side of Mayfield.

WX21083061	Mayfield Electric & Water	Barton Drive Transmission Improvements		35		\$75,000	\$0	This project consists of ±500 LF 8" PVC water main from the end of the existing 8" main on Barton drive to the 8" main on KY-121 (truck route). This main fills a gap in water transmission on the South side of Mayfield.
WX21083062	Mayfield Electric & Water	WTP Clearwell Rehab		36		\$250,000	\$0	This project consists of rehabilitating the clearwell at the Mayfield WTP. Recent inspections have confirmed that the tank and piping needs to be cleaned and coated on the inside and outside.
WX21083063	Mayfield Electric & Water	Mayfield WTP Rehab		37		\$2,575,000	\$0	The Mayfield water treatment plant was constructed in the early 1990's and is starting to show age. It also lacks the desired operational flexibility. This project is a rehabilitation of the water treatment plant to add limited well capacity, a new disinfection system, and operational flexibility.
WX21083064	Mayfield Electric & Water	Hwy 303 Main Replacement		38		\$331,000	\$0	This project consists of ±1,900 LF of 12" PVC water main along Hwy 303 from Sunset drive to Wyatt drive. This transmission main replaces a 6" AC main subject to leaks and breaks and fills a gap in water transmission on the South side of Mayfield.
WX21083065	Mayfield Electric & Water	East South Street main Replacement		39		\$143,000	\$0	This project consists of ±800 LF 12" PVC water main along East South street from South 5th street to South 2nd street. This transmission main replaces a 4" CIP main subject to leaks and breaks.
WX21083066	Mayfield Electric & Water	Arbor Drive Main Replacement		40		\$70,000	\$0	This project consists of ±350 LF of 8" PVC water main along Arbor drive. This transmission main replaces an undersized 4" CI main.
WX21083067	Mayfield Electric & Water	West College Street Main Replacement		41		\$70,000	\$0	This project consists of ±400 LF of 10" PVC water main along West College Street from South 7th to South 8th street. This transmission main replace undersized mains and fills a gap in water transmission on the South side of Mayfield.
WX21083068	Mayfield Electric & Water	South 10th St. Transmission Improvements		42		\$758,000	\$0	This project consists of ±4,400 LF of 12" PVC water main along South 10th street from West College Street to Macedonia street. This main replaces undersized mains and improves water transmission on the South side of Mayfield.
WX21083069	Graves County Water District	KY 339 Water Main Extension/Replace		43		\$393,000	\$0	The Graves County Water District it is need of replacing an undersized line on KY 339. This line will allow for a possible interconnect with the Hickory Water District and better served the customers in Fancy Farm.
WX21083070	Mayfield Electric & Water	South Bypass Transmission Improvements		44		\$2,829,000	\$0	This project consists of ±16,500 L.F. of 16" PVC water main along the proposed southern bypass from US-45 to KY-121. This main will serve future commercial and residential developments along the southern bypass, and improve transmission and fire protection on the South side of Mayfield.
WX21083071	Mayfield Electric & Water	Farthing Street Transmission Improvements		45		\$707,000	\$0	This project consists of ±4,100 L.F. of 12" PVC water main along Farthing street from US-45 to 10th street. This transmission main replaces a 6" undersized main subject to leaks and breaks. This main creates a transmission grid which further improves transmission on the west and South side of Mayfield and improves system redundancy and reliability.
WX21083072	Mayfield Electric & Water	KY 121 Truck Route Transmission Improvements Phase I		46		\$2,378,000	\$0	This project consists of ±13,000 L.F. of 16" PVC water main along KY-121 (truck route)from Douthitt street to US-45. This transmission main is the first phase of a two phase plan to improve transmission and fire protection within Mayfield, and improve system redundancy and reliability.

WX21083073	Mayfield Electric & Water	KY 121 Truck Route Transmission Improvements Phase II		47		\$1,283,000	\$0	This project consists of ±4,000 L.F. of 16" PVC water main along KY-121 (truck route) from US-45 to North 17th street. This transmission main completes a loop around Mayfield which improves transmission, fire protection, and system redundancy and reliability.
WX21083074	Mayfield Electric & Water	Kess Street Transmission Improvements		48		\$1,203,000	\$0	This project consists of ±7,000 L.F. of 12" PVC water main along a TVA power easement, Kess Creek, and Charles Drive from Macedonia Street to KY-121. This transmission main replaces projects 5 and 6 to improve transmission, and fire protection on the South side of Mayfield.