

Carlisle County FY2012 Water Rankings

Project Number	Applicant	Project Title	Regional Ranking	County Ranking	Total Points	Project Cost	Committed Funds	Project Description
WX21039025	Milburn Water District	Water Tower	10	1	44	\$355,000	\$0	It has come to the attention of the district that the existing water tank is failing. As I have been told it doesn't meet the safety requirements, and the foundation has failed. This would be to completely replace the tower and foundation.
WX21039021	City of Bardwell	Well Relocation	17	2	40	\$300,000	\$0	The City of Bardwell has proposed to move its wells next to the new water treatment plant. Currently, the city's wells and water treatment plant are located along the railroad tracks adjacent to front street and in the floodplain. In order to protect the water supply, the city is constructing a new water treatment plant off Elsey street. This project would move the Wells away from the railroad tracks and make the city's water supply more secure.
WX21039028	City of Arlington	Cast Iron Water Main Replacement & WTP Relocation	26	3	36	\$3,251,000	\$0	The city's existing water distribution infrastructure consists of a network of primarily 6-inch water mains, over 80 percent of which are of the cast iron variety. The city's system has been in service for more than 30 years, and has recently experienced problems with water main breaks and water loss. The replacement of these existing lines will be integral in protecting the city's already fragile water distribution infrastructure in the event of even a minor natural disaster. These improvements will not only provide the owner with a more stable and reliable backbone to its distribution system, but should also reduce the current amounts of water loss within the city's system. This project will also consist of building a new treatment plant in the area of where the existing water tower stands now. The existing treatment plant also is located within the floodplain.
WX21039022	Cunnigham Water District	Summers and Pat Sims Roads Loop	31	4	34	\$500,000	\$0	This extension will provide service to a number of households on Summers road (cr-1032)and Pat Sims (cr-1033) roads. This will loop the existing 6" line on Summers road back to the existing line on US 62, and replace a substandard section of 2" main. This will help to increase flow and pressure in the system.
WX21039015	City of Bardwell	Water Tank and Distribution System Project	22	5	37	\$1,200,000	\$300,000 HB608	The City of Bardwell has worked aggressively to address its water system needs over the past five years. The city is currently advertising for bids to construct a new water treatment plant behind the Mason's lodge. Upon completion, the major need of the city will be a new elevated storage tank and the replacement of aging line. This project will address these needs.
WX21039011	City of Arlington	Arlington to Berkely Extension		6		\$344,604	\$0	This line will extend water to the community of Berkley, which as of the present does not have public water service. The line will also extend into Hickman County to provide water to the City of Columbus on an as needed basis. It will also enable the City of Columbus to provide water to Berkley and to the City of Arlington in times of emergency. The community of Berkley will also benefit from gaining the potential of fire suppression capabilities. A meter will be placed in the line to Columbus to maintain accurate record of water flow direction.
WX21039026	Milburn Water District	Loop Dead End Line on KY 80		7		\$595,000	\$0	This project is approximately 4.5 miles of new water line that will run from the end of the line on KY 80 to Halstead Rd and then connect to the end of the line on KY 1371. The objective here is to replace a problematic stream crossing that was improperly installed and to create a loop of the two existing lines and improve the quality of water to the customers on this line. In addition, this extension will serve 16 new customers to the system that is an increase of 10% to the customer base.
WX21039024	City of Bardwell	Carlisle County High School Connection		8		\$1,400,000	\$0	The City of Bardwell would like to run extend a line to the Carlisle County school systems located on state route 1377. The system is currently operated by the Carlisle County Board of Education and presently, water is obtained through a groundwater well. The water produced from the well is very corrosive and is causing lead and copper to leach out of the internal copper plumbing and lead fixtures. The school consistently exceeds the lead and copper limits set by the DOW. Lead is a neuro toxin that is especially dangerous to young children.

WX21039020	City of Bardwell	DI Main Replacement		9		\$340,000	\$0	The City of Bardwell has completed design work to complete the replacement of over 5,500 L.F. of 6 inch water main. The current pipe is ductile iron and has caused the city problems with rusty water.
WX21039030	City of Arlington	WTP Generator		10		\$51,000	\$0	The City of Arlington proposes to use CDBG 2008 disaster recovery funding to purchase and install a fixed generator at the city's water treatment plant. In the recent past, the city has been without electricity during two weather related events. These experiences have highlighted the need for a backup electrical supply at the city water treatment plant. The city can sustain an outage for 24 to 48 hours because the overhead storage capacity. However, an outage over an extended amount of time requires a generator to pump water from the Wells, treat the water, and pump it to the elevated storage tank. Based upon price quotes, the city will require an 80 KW diesel generator with an automatic 400 amp rated service entrance to accomplish these tasks.
WX21039029	City of Bardwell	WTP and Wells Generator		11		\$81,600	\$0	The City of Bardwell proposes to use CDBG 2008 disaster recovery funding to purchase and install fixed generators at the city's water treatment plant and wells. In the recent past, the city has been without electricity during two weather related events. These experiences have highlighted the need for a backup electrical supply at the city water treatment plant and the city's wells. The city can sustain an outage for 24 to 48 hours because the overhead storage capacity. However, an outage over an extended amount of time requires a generator to pump water from the wells, treat the water, and pump it to the elevated storage tank. Based upon price quotes, the city will require a 100 KW diesel generator at the water treatment plant and a 40 KW diesel generator at the wells to accomplish these tasks.
WX21039019	Cunningham Water District	US 62 to CR-1015 Loop		12		\$65,000	\$0	The Cunningham Water District plans to create a loop in their system to increase pressure and flow. This will begin with the existing line on cr-1015 (Saint Charles road), and connect with the existing line on the new road South of U.S. 62.
WX21039008	Cunningham Water District	Northeast Carlisle County Loop		13		\$154,622	\$0	This extension will complete a loop in the northeast corner of Carlisle County and provide 60 new customers with potable water. The loop will help improve pressure and overall service to the entire system.
WX21039027	Milburn Water District	Loop Dead End Lines on KY 1377		14		\$350,000	\$0	This project consists of 2.0 miles of water line extension to connect the end of the line on KY 1377 to county road 1120. The objective is to improve the water quality to the customers on this line.
WX21039003	City of Bardwell	Extension to Cunningham		15		\$208,780	\$0	The line will connect the City of Bardwell and the community of Cunningham along US 62. It will also be a link in the county loop allowing all systems to back each other up or make way for regionalization of the water districts. This project includes extending service to Carlisle County High School, thus allowing the school system to remove their small water system from service. There is also an industrial area across from the school that will be serviced by this line extension.
WX21039010	City of Bardwell	Southwest Bardwell Line Extension		16		\$357,682	\$0	This project will extend water west and southwest of Bardwell with the potential to pick up approximately 102 customers. Local developers are presently working on a plan to build a mini mall that would be served by this extension project. In addition, there are plans to build an industrial park, which has the potential to be a larger user, along this route.
WX21039001	City of Arlington	Extension to Milburn		17		\$56,368	\$0	The line will connect the City of Arlington to the community of Milburn along KY 80. The connection will allow 15 homes access to potable water and the two systems will be able to back up each other in case of an emergency.
WX21039002	City of Bardwell	Extension to Arlington		18		\$138,944	\$0	This project will connect the cities of Arlington and Bardwell along US 51. The line will provide water to 30 homes that are presently unserved and allow for back up for both systems.