



DRINKING WATER INFRASTRUCTURE PROJECTS

LOUISVILLE WATER COMPANY KENTUCKY

January 9, 2009

Project Description	Funding Required	Number of 2009/2010 Jobs
Historic Zorn Pump Station #1 Building and Site Improvements: Rehabilitate the exterior of the historic pump station and construct site improvements to improve drainage, access, and parking.	\$1,000,000	12
Crescent Hill Slate Roof Replacement: Replace slate roof on 100 year old Crescent Hill Pump Station	\$ 2,500,000	25
Zorn Pump Station Power System Renovation: Replace aging 13KV and 480 Volt power system at Zorn Pump Station #2 and #3 to improve reliability and reduce maintenance.	\$2,500,000	25
Transylvania Beach Sewers: Install sewers to 20 homes currently on septic tanks along Transylvania Beach. Eliminating septic tanks in this wellhead protection area will protect Louisville's drinking water supply from source water contamination.	\$1,000,000	10
Water Quality Lab Information System: Upgrade existing water quality lab information system to comply with regulatory reporting and future drinking water regulations.	\$1,000,000	2
Crescent Hill Softening Basin Renovation: Rehabilitate softening basins at Crescent Hill Water Treatment Plant to comply with 2012 drinking water regulations.	\$ 3,000,000	24
Clean and Reline Crescent Hill Raw Water Reservoirs (north and south): Remove accumulated river sediment from the 105 MG raw water reservoirs at Crescent Hill, properly dispose of sediments, and repair synthetic liner once completed.	\$3,000,000	24
Water System Security Access: Upgrade controlled access system with digital video, controlled electronic access, and proximity readers. System will enhance security at water treatment plants, pumping stations, distribution centers, and corporate office.	\$500,000	4
Radio and Data Communications System Upgrade: Upgrade the two-way radio and data communication system for water utility and emergency operations. New digital system will link to MetroSafe Emergency Radio communications system. Current system becomes obsolete in 2011.	\$500,000	4
Highway 480 Regional Water Storage: Construct new drinking water storage tank on Highway 480 in Bullitt County to provide regional water service in Bullitt and Nelson County.	\$2,000,000	16

Ft. Knox/Hardin County Regional Water Supply: Construct 3.2 miles of 24 inch transmission main to supply wholesale water service to Ft Knox and Hardin County.	\$ 4,500,000	36
Highway 245 Regional Water Supply: Construct 3.6 miles of 16 inch transmission main to provide regional water service to Bullitt and Nelson County.	\$ 2,500,000	20
Chapeze Road – Highway 245 Main Extension: Construct 2.8 miles of 16-inch transmission main in Chapeze Lane from I-65 east and south to Highway 245, and along Highway 145 to Happy Hollow Road.	\$1,200,000	10
Interstate 65 Regional Water Supply, Phase I: Construct 2.9 miles of 24-inch transmission main from Mud Lane to John Harper Highway and along John Harper Highway to Preston Highway.	\$ 3,500,000	28
Interstate 65 Regional Water Supply, Phase II: Construct 3.0 miles of 24-inch transmission main along the Preston Highway (Hwy 61) from John Harper Highway to the Settlers Point elevated storage tank.	\$4,100,000	33
Interstate 65 Regional Water Supply, Phase III: Construct 9.3 miles of 16-inch transmission main from Chapeze Lane to the Bullitt-Hardin County Line. Project will include construction of a new 5 MGD booster pump station.	\$7,000,000	56
Interstate 265 Transmission Supply: Construct 2.8 miles of 36-inch transmission main from Wolf Pen to Westport Road.	\$5,000,000	40
Interstate 64 Regional Water Supply: Construct 5.4 miles of 36 inch transmission main along I-64 from Gene Snyder Freeway to Shelby County Line to provide regional water service to eastern Jefferson County and western Shelby County.	\$11,700,000	94
Westport Road Transmission Main: Construct 0.8 miles of transmission main and 0.5 miles of distribution main along Westport Road between Chenoweth Lane and Thierman Lane.	\$2,700,000	27
Water Mains Rehabilitation: Install cathodic protection on 75 miles of water distribution main (ductile and cast iron) to extend pipe life and reduce water main breaks.	\$ 4,500,000	36
Water Main Replacement: Replace 9.5 miles of water main to improve water quality, fire hydrant flow and reduce maintenance; work includes replacement of the water main in the Fincastle neighborhood.	\$ 6,500,000	65
Lead Service Line Renewals: Replace and/or rehabilitate 10,000 lead service lines to improve water quality to homes in Jefferson County.	\$20,000,000	200
Supply Potable Water to Unserved Customers in Jefferson, Bullitt and Oldham County: Extend 7.1 miles of water main to customers in Bullitt and Oldham County to provide unserved customers with a safe reliable source of potable water.	\$4,500,000	45

Total

\$94.7 million

836 local jobs