

Future Capital Projects

February 14, 2025



North Logan Water District/Logan Aluminum Booster Pump Station **\$750,000**

Logan Aluminum supplements its process water supply by using potable water supplied by the North Logan Water District, which is in turn provided by LTRWC. More and more frequently, Logan Aluminum obtains all its water from NLWD/LTRWC for hours and days at a time when their treatment or supply system is down. When this occurs, it strains the NLWD system and causes lowered pressures to some of its customers. Providing a new booster pump station would alleviate this problem.

Additional Sedimentation Train/General Plant Expansion **\$20,000,000**

LTRWC is currently expanding the plant capacity from 10 to 12 million gallons per day by adding membrane filter capacity. This will comfortably provide for current needs. However, if another major water user should locate in the service area, or if one of the existing customers should substantially increase its usage, LTRWC might find itself with inadequate plant capacity to continue to support the area's rapid growth. To further expand the plant (say from 12 to 15 MGD or above), a general plant expansion would be required. This expansion would include addition of the third sedimentation train along with upgrades to most of the plant's components.

KY Highway 848 Waterline Extension **\$900,000**

This project will install approximately 6,200 LF of 12" DIP from the Intersection of the RJ Corman Railroad with KY 848 to the intersection of US Highway 79 and KY 848. This will serve as an interconnection for LTRWC between their Logan County Pressure Zone and Todd County Pressure Zone. This project will provide a backup source to Todd County when tank maintenance and/or re-painting becomes necessary at Logan Todd's Todd County Tank site.

Second Raw Water Storage Basin Addition **\$4,400,000**

This project will construct a second raw water storage pond to increase the raw water capacity by nearly 15 MGD. The current raw water capacity is approximately 20 MGD. The area serviced by the Logan-Todd Regional Water Commission is growing in residential customers and industries. Having additional raw water storage will provide enough back up water supply in the event of an emergency that would disrupt the raw water line or the raw water source at the Cumberland River.