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August 22, 2022

Ms. Jennifer Dodd
Director, Division of Water Resources
ATTN: Engineering Services Unit
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, TN 37243

Subject: Wilkinson Road Pump Station Project
Cleveland Utilities
Bradley County, Tennessee
CU Project No. S2988X
CTI Project No. C22017

Dear Ms. Dodd,

We have approved the design of the above referenced project, consisting of the installation of following major work elements: Duplex submersible sewage pump station (with a 650-gpm per pump capacity), including a 50-foot by 50-foot pad, 10-foot-diameter precast concrete wetwell, precast concrete valve vault, precast concrete meter vault, control panel, control panel canopy, valves, ductile iron piping and fittings, diesel backup generator, miscellaneous electrical, chain-link fencing, etc.; approximately 50 linear feet of 12-inch-diameter gravity sewer line and 4-foot-diameter manhole; approximately 120 linear feet of 20-foot-wide paved access drive to the pump station site; and associated appurtenances on a tract of land located at 175 Wilkinson Road NE in Cleveland, Tennessee and agree to own, operate and maintain the proposed project once in operation.

This pump station will serve the new planned Lone Oak Farms subdivision, as well as other planned developments on approximately 252 acres along the eastern side of Michigan Avenue NE in Cleveland, Tennessee.

The force main that will serve the subject pump station will be bid out and constructed separately from this project. The force main will be constructed of DR11 HDPE pipe (along with associated appurtenances) and will extend approximately 2,744 linear feet (L.F.) from the subject pump station to our Chatata Creek Pump Station.

One of our consultants, CTI Engineers, Inc., has conducted a hydraulic analysis and determined the system has adequate flow and pressure for the design flow rate and that the project will not create or exacerbate any existing overflow problems. We concur with their findings.

Sincerely,

Jon Sparkman, P.E.
Manager, Water and Wastewater Division Engineering

cc: Matt Bolt, P.E. - CU
Don Tabor, P.E., CTI
File