



Product 815LT Submersible Smart Level Transmitter
Application Sensing Storm Water Levels
Industry Water & Wastewater

Challenge Storm water runs off into a holding tank in several locations throughout the city. Two pumps are used to move the water to the waste treatment facility when it reaches a certain level in the tank. A reliable transmitter is used to monitor the level inside the holding tank. The 4-20mA signal from the transmitter is used to turn the pumps on and off. The transmitter must be resistant to corrosion and provide constant level indication.

Solution The 815LT Submersible Smart Level Transmitter provides a 4-20mA current to the telemetering equipment in the control room next to the holding tank. The transmitter is lowered into the holding tank using the cable supplied with the unit. The metering equipment uses the 4-20mA current to control the pumps and the level inside the holding tank.

The 815LT transmitter provides easy installation and inexpensive operation. No special brackets are required to mount the transmitter. It is simply lowered into the process, and secured at the top of the tank. The 316SS body construction resists corrosion, providing a long sensor life. The PVC self-flushing nosecone sensing end of the transmitter is clog-resistant. Maintenance on the 815LT is minimal, which keeps costs down.

A combination of the telemetering equipment in the control room, the pumps, and the 815LT transmitter comprise an automatic system which keeps your holding tank from overflowing. An overflowing holding tank in the storm water system may cause expensive flood damage and public safety hazard. The 815LT is an integral part of the city storm water control, flood control, and public safety.