

Chemical Tank and Clear Well Ultrasonic Level Measurement



When a municipal WTP needed reliable level measurement of their chemical bulk storage tanks and water clear wells, they turned to Flowline. The treatment plant uses sulfuric acid for wastewater neutralization and sodium hypochlorite for drinking water disinfection in their clear wells. To streamline equipment, the operators wanted a single corrosion resistant level sensor that could be applied in both their chemical tanks and clear well stand pipe applications. They also expressed concern over the extreme condensation cycles that exist in the clear well vaults, stating that previous ultrasonic level sensors were often intermittent due to acoustic signal attenuation. For these reasons, Flowline suggested our proprietary reflective ultrasonic sensors that are unaffected by condensation. The [ultrasonic sensors](#) provide reliable level data to the SCADA system, which monitors the tanks and wells, and controls the process. Flowline is reliable level measurement.