

Project Profile

Consumers Water Treatment Plant Winter Park, Florida



Workstations for the county-wide network monitor and control nine water plants, one wastewater plant, and 100s of lift stations from the main plant in Seminole County.



Plant switchgear lineup. Revere performed programming to control breakers and load shedding for the entire plant.



One of two 2.5 million gallon tanks. Also shown (foreground) is the injection point for NaOH (sodium hydroxide), also known as caustic, which is used to increase pH.



High service pumps, made up of one 200 HP VFD, two 350 HP VFD, and three 350 HP constant speed pumps.



The 48" plant effluent containing a venturi. The transmitter panel includes three Rosemount 3051CD transmitters that automatically switch ranges to maximize accuracy.



Well control panel, which includes control for the well pump shown, plus injection of carbon dioxide.



Carbon dioxide feeders. Carbon Dioxide is added to the water to lower its pH.



Fluoride storage tank and associated control panels.