



Water & Wastewater SCADA Systems

Professional Services Contract

June 6, 2023

Background

The City of Huntington Beach's Water Division upgraded its SCADA system in 2000 and again in 2010 to improve flexibility, the user interface, and backup redundancy.

Wastewater System added in 2008

In 2014, both the water and wastewater computer systems were put on a virtual computer system with upgraded Wonderware software, and in 2015 the wastewater communication network was switched to a cellular wireless network.

The current SCADA system remotely manages 9 Ground Water Wells, 4 Potable Water Reservoirs, 3 Booster Stations, 9 West Orange County Board Import Water Feeder Facilities, 15 Flood Control Pumping Facilities, and 27 Sewer Lift Stations.



FUNDING/SCHEDULE

- Three Year Agreement with ability to extend by two one-year amendments
- Funding shared between three funds:
 - Water Fund: \$200,000
 - Engineering Fund: \$150,000
 - Sewer Service Fund: \$100,000

