



SCADA Systems and Campbell Scientific Water Systems



Benefits and Features

- › Real time water data to SCADA systems
- › Freely modifiable data mapping
- › Simple setup
- › Quality products ensure accurate measurements

Campbell Scientific Water Systems

Water systems based around our dataloggers are used worldwide because of their capability, flexibility, accuracy and reliability. These systems can deliver real-time data to SCADA systems allowing the data to be used for making critical decisions. Campbell Scientific dataloggers support both the Modbus and DNP3 protocols (see table at right).



Compatibility Table

Datalogger	Modbus Master	Modbus Slave	DNP3 Outstation
CR3000	✓	✓	✓
CR6	✓	✓	✓
CR1000	✓	✓	✓
CR800 Series	✓	✓	✓
CR200X Series	✓	✓	

More Info: 435.227.9050

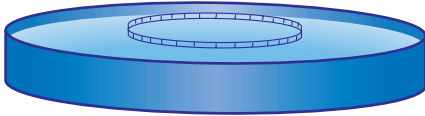
campbellsci.com/water



Example SCADA Application: Mantua

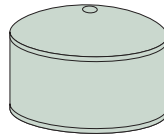
Because of their versatility, Campbell Scientific systems are used in a variety of SCADA applications. Below is an example of a rural water

application in Mantua, Utah. For more information regarding this specific application visit www.campbellsci.com/ruralwater.



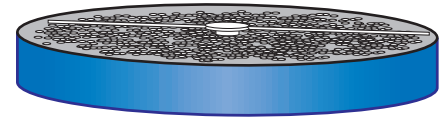
Sedimentation Tank

- › Monitor on/off status of pumps
- › Control coliform, TSS, and on/off status of pumps



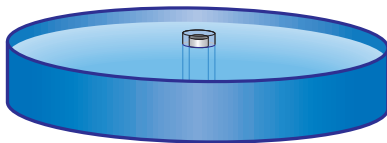
Digester

- › Monitor and control temperature



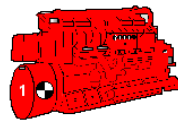
Trickling Filter

- › Monitor on/off status of pumps and blowers, dissolved oxygen, flow
- › Control on/off status of pumps and blowers



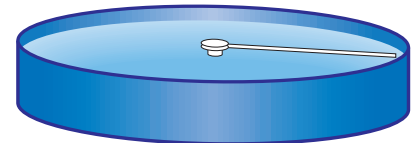
Chlorine Contact Tank

- › Monitor ORP
- › Control Cl₂ and SO₂ injection



Generator

- › Monitor and control temperatures and flow rates within exhaust heat recovery unit and heat exchanger



Clarifier

- › Monitor torque
- › Control on/off status and torque alarms

Please contact a Campbell Scientific Application Engineer to discuss your application and for more information on simplifying your measurement needs.