

Municipality Upgrades to a New Raw Water Intake Pumping Station

A municipality sought to construct a new Raw Water Pumping Station implementing a state of the art control system.



Main Objective

The scope of this project included installation of a new control system and associated instrumentation in order to maintain the facility with a reliable control system. MAVERICK's objective was to implement the intended design of the control panel into a functional system and provide detailed documentation and drawings for construction and system maintenance.

Customer Results

MAVERICK provided project deliverables to meet the customer's specifications on-schedule and within budget. MAVERICK worked with the Engineer, Owner and Contractor to provide a system design that met the requirements and provided value added engineering based on our experience and understanding of industry requirements.

Application Description

- MAVERICK worked with the Engineer to submit the PLC control panel, sample pump panel and communication panel design packages. Drawing packages included panel layout drawings, power wiring, I/O wiring details, loop sheets, hardwire control diagrams and network architecture.
- MAVERICK specified and purchased control instrumentation for the process. The instrumentation included monitoring and analytical instruments.
- MAVERICK developed and conducted detailed training courses for plant personnel on control panel functionality, instrumentation maintenance and troubleshooting.
- MAVERICK provided experienced technical support to calibrate instrumentation, support system start-up and provide troubleshooting support for the system.

The MAVERICK Difference

MAVERICK utilized its complete spectrum of expertise to successfully integrate the customer's new pumping station into the existing facility.