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PROJECT PROFILE

Pebble Beach Golf Links, Pebble Beach Community Services District, California



PEBBLE BEACH



In December 1998, the Pebble Beach CSD purchased the Forest Lake Reservoir and improvements were constructed to meet the State Water Resources Department Division of Safety of Dams (DSOD) requirements.

The reservoir now provides 325 acre feet of storage capacity. It is filled with recycled water during winter months when there is excess production at the Carmel Area Wastewater District's treatment plant. Stored recycled water is be used during summer months when the irrigation demands exceed the production, thereby further reducing the use of potable water.

Tesco Controls installed a SCADA system to allow control and monitoring of 3 separate water systems.

- Forest Lake Treatment Plant and Reclaimed Water Storage System.
- Drinking water pump stations.
- Sewage lift pump stations.

The SCADA System is comprised of 3 computers. Three of the computers are clustered as one system.

Two servers perform redundant polling / logging, while one server acts as the historical data server (HDS).

A Versaview touch screen operator interface is integrated to provide a control interface for the system and is mounted in a control panel door at the Forest Lake Treatment Plant.

[MORE](#)



Tesco field service technicians also programmed the instrumentation controls located at the chemical and maintenance department buildings and calibrated a number of measuring devices required for automatic control of the treatment facility.

About Tesco Controls

Headquartered in Sacramento, CA, since 1972, Tesco Controls, Inc. is America's leading water and wastewater system integrator and control system manufacturer.

Tesco Controls' SCADA systems allow municipal water/wastewater and irrigation districts to monitor and control treatment plants, water distribution systems, and wastewater collection systems.

Our SCADA system installations, now over 300 systems nationwide, are in operation throughout California, as well as in Washington, Nevada, New Mexico, Colorado, Louisiana, Alabama, and Florida. These systems consist of multiple Programmable Logic Controllers (PLCs) that communicate between central sites and various remote sites over telephone lines, fiber optics, radio links, or dedicated cable television. Our redundant, open architecture SCADA software and hardware systems feature multi-user, multi-tasking, real time graphic user interfaces with report capability, designed specifically around the demanding needs of the water/wastewater industry.

To date, our installed base of products and control systems is in excess of \$300 million.