

VALLEY VIEW PUMP STATION MODIFICATIONS AND IMPROVEMENTS

OAK LODGE WATER DISTRICT, OREGON

KEY PROJECT HIGHLIGHTS

- Replaced existing pumps with three 1,000 gpm, 50 hp pumps and space for a future 50 hp pump
- New pump control valves and motor controls
- Upgraded building mechanical and electrical systems
- Removed flat roof and installed wood truss, pitched gable, metal clad roof with pump access hatches
- Replaced flow meters with new magnetic flow meters compatible with SCADA system
- Improved access to pump motors and pump control valves by relocating pump suction barrels and pump discharge valves
- Installed pad mounted 150 kW diesel powered emergency power generator and automatic transfer switch



Winner of the 2010 PNWS-AWWA Excellence in Engineering Award



“Through MSA’s excellent work the design allowed the station to go from four pumps to three. This saved a substantial amount of money and allowed for the award of an Oregon Energy Trust award. The project came in well below the amount budgeted and the few change orders that occurred were primarily at the request of the District.”

*Dan Bradley, General Manager
Oak Lodge Water District*



Murray, Smith & Associates, Inc.
Engineers/Planners

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