

# CONTROL JOBS WE'VE DONE



**Community Water System:** Only single phase electric power was available. REPCO designed a control that used Variable Frequency Drives to convert power to three phase. Control panel has a programmable logic controller that accepts analog signals for well flow, reservoir level, station pressure and station flow. A data panel allows the operator to view the station statistics as well as adjust operating parameters. This panel automatically controls two well pumps, two jockey pumps and two booster pumps.



**Duplex Sewage Panels:** Two, three phase, 460 volt, sewage pumps are controlled by these custom built controls. They feature a main panel disconnect, magnetic starters, elapse time meters, run lights, seal failure, overload indication, high and low water alarms and built with intrinsically safe relays for the level control floats.



**Water Booster Pump Package:** The controls for this packaged booster pump system are mounted on the pump skid and supplied pre-wired, tested and ready for operation. Suction and discharge pressures are monitored and the pumps are sequenced on the station flow rate. Each pump is individually isolated with a lock out main disconnect. The panel features a system pressure display that also allows the operator to adjust the operating set points. The pumps are operated through Variable Frequency Drives to maintain system pressure during wide changes in system flow rate.



**Every Control:** Built to the highest standards and comes with the R.E. Prescott Co. mantra that "you bought the best". Enclosures are available in all NEMA configurations. Interiors and exterior components are well laid out with DIN rail and trough leaving ample room for field wiring connections. Special panels for special applications are our specialty.