

## LAKE HOUSTON PUMPING STATION



OWNER:	Coastal Water Authority/COH
GENERAL CONTRACTOR:	Boyer, Inc.
ENGINEER:	Binkley & Barfield, Inc.
BOYER CONTRACT:	\$7,060,000
TYPE OF CONTRACT:	Rehab/New Construction
SCOPE OF WORK:	Prime Contractor
PROJECT TYPE:	Pumping Station Rehabilitation
COMPLETION DATE:	October 1999

All renovations to the Lake Houston Pump Station were done without impacting the customer's demand for raw water. Renovations included the installation of dual 1200 amp, 2400 Volt feeders. Boyer also installed two variable frequency drives to control the 500 and 700 horsepower raw water pumps. The project included the overhaul of three existing raw water pumps and the cleaning of two 72" underwater intake conduits. Instrumentation work included the installation of a SCADA system to allow for the monitoring and control from a central location. The project also included the construction of a new motor control center building, a 2500 square foot storage building, parking lot, and landscaping. All work was performed on the live pumping station with the combined efforts of Boyer and Coastal Water Authority. The project was completed on time without delay

