



# **SOUTH COAST WATER DISTRICT**

*Providing Quality Water and Wastewater Services to the Coastal Communities*

## **LIFT STATION**

### **ANNUAL MAINTENANCE PROCEDURES**

- 1) Push in the red TEST button to test the hydrostatic alarm. Hold for 5 seconds, then release. Push the black RESET button to reset the alarm system. The hydrostatic alarm indicates water intrusion. Note the seasonal level.
- 2) Remove the rotating element and inspect it thoroughly for wear. Order replacement parts if necessary. Check wearing clearances. Remove any deposits or scaling. Clean out the stuffing box piping.
- 3) Measure total dynamic suction head and discharge head as a test. This is especially important where the fluid being pumped tends to form a deposit on internal surfaces.
- 4) Inspect the check valves. The check valves safeguard against reverse flow when the pump stops. A faulty check valve will also cause poor operational pump performance.