

**CHANNEL ISLANDS HARBOR WATER QUALITY:
REMOTE SENSOR DATA – 10/28/20 THROUGH 11/04/20**

Below is the remote sensor data for the period from 10/28/20 to 11/4/20. Acceptable dissolved oxygen concentrations (DO; in blue) and normal daily oscillations of chlorophyll (a proxy for microscopic algal biomass, in green) concentrations were observed at both stations. The spike of chlorophyll (~25 µg/L) observed at Westport (station 7) at the start of the week may be due to floating macroalgae. The sensor at Westport (station 7) also failed to report for more than one day near the end of the week, yielding readings of zero. This appears to have been caused by something blocking or covering the sensor, because the sensor returned to normal just before sampling on 11/4/20. The City of Oxnard and Aquatic Bioassay & Consulting are continuing to monitor the water quality conditions in the back basins using the remote sensor data.

