

**CHANNEL ISLANDS HARBOR WATER QUALITY:
REMOTE SENSOR DATA – 9/7/22 THROUGH 9/14/22**

Below is the weekly remote sensor data from 9/7/22 to 9/14/22. Dissolved oxygen concentrations (DO; in blue) were generally acceptable at both stations, but DO concentrations dropped down close to or slightly below 4 mg/L at both stations for brief periods (hours) in the early hours in the middle of the week. There was an upward trend in DO concentrations at both stations later in the week (Note the orange gold lines in the long-term plots). Chlorophyll concentrations (a proxy for microscopic algal biomass, in green) were generally low at both stations with normal daily oscillations observed. There was also an upward trend in chlorophyll concentrations at both stations later in the week (Note the red lines in the long-term plots). The spikes of chlorophyll (> 40 µg/L) observed at Westport (station 7) in the later part of the week may be due to interference from drifting macroalgae. A data point for chlorophyll that was >100 µg/L was removed (gap for green lines at station 7) as the value is most likely artifactual

The City of Oxnard and Aquatic Bioassay & Consulting will continue to monitor the sensors in the area.

