

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

Below is the weekly remote sensor data from 9/14/22 to 9/22/22. Dissolved oxygen concentrations (DO; in blue) were generally acceptable at both stations, but DO concentrations dropped down close to or below 4 mg/L at Westport (station 7) for brief periods (hours) in the early hours of 9/21. There was a downward trend in DO concentrations at both stations as the week progressed (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. The spikes of chlorophyll observed at both stations (end of the week at Seabridge station 6 and start of the week at Westport station 7) may be due to interference from drifting macroalgae.

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

