

CHANNEL ISLANDS HARBOR WATER QUALITY: REMOTE SENSOR DATA – 10/5/22 THROUGH 10/12/22

Below is the weekly remote sensor data from 10/5/22 to 10/12/22. 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 Westport (station 7) for a brief period (hours) in the early hours at the end of the week. There was a downward trend in DO concentrations at Westport (station 7) this week (Note the orange gold line 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 Seabridge (station 6) may be due to interference from drifting macroalgae. Data points for chlorophyll >100 µg/L were removed (gaps for green line at station 6 at the end of the week) as the values are likely artifactual

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

