

**CHANNEL ISLANDS HARBOR WATER QUALITY ISSUE  
REMOTE SENOR DATA – 8/6/19 THROUGH 8/15/19**

The remote sensor data for the period from 8/6/19 to 8/15/19. Dissolved oxygen (DO, in blue) momentarily dipped slightly below 4 mg/L during night time throughout the week at Mandalay (station 20) and Seabridge (station 6), but recovered to higher values during the day. It is concerning that DO at Westport (station 7) has remained at or below 4 mg/L throughout the day for the last few days of the week. This trend bears watching. Chlorophyll (a proxy for microscopic algal biomass, in green) concentrations higher than 30 µg/L were observed at Seabridge (station 6) and Westport (station 7). Schools of jellyfish were observed at Seabridge (station 6) and the boundary of Seabridge and Westport (station 23) during sampling on 8/15/19, as well as some floating macroalgae at Seabridge (station 6). 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.

