

**CHANNEL ISLANDS HARBOR WATER QUALITY ISSUE
REMOTE SENOR DATA – 4/18/19 THROUGH 4/10/19**

The remote sensor data for the period from 4/18/19 to 4/24/19. Acceptable concentrations of dissolved oxygen (DO; in blue) and chlorophyll (a proxy for microscopic algal biomass, in green) were observed at all four remote sensor locations. Normal daily oscillations were observed, with daily minimal values of DO at approximately 6 mg/L at times. Daily maximum chlorophyll concentrations were approximately 6 $\mu\text{g/L}$ for all stations except Seabridge (Station 6; where the highest values of 10 $\mu\text{g/L}$ were observed (possibly an effect of boat traffic). These values are considered acceptable, but monitoring continues. Abundant macroalgae and a large school of moon jellyfish were observed at Seabridge (Station 6) during sampling on 4/24/2019. A small amount of macroalgae and moon jellyfish were also observed at the boundary of Seabridge and Westport (Station 23). The City of Oxnard and Aquatic Bioassay & Consulting are continuing to closely monitor the water quality conditions in the back basins using the remote sensor data.

