

## CHANNEL ISLANDS HARBOR WATER QUALITY ISSUE REMOTE SENOR DATA – 6/13/19 THROUGH 6/19/19

The remote sensor data for the period from 6/13/19 to 6/19/19. 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 except during the beginning of the week (6/13) when macroalgae were apparently interfering with chlorophyll readings and causing measurements to be off-scale. Normal daily oscillations were observed, as well as large spikes of chlorophyll values ( $>10 \mu\text{g/L}$ ) were observed at Westport (station 7), possibly an effect of macroalgae growing on the dock. Some visible macroalgae were observed at Seabridge (station 6) and Mandalay (station 20) during sampling on 6/19/19, as well as large schools of jellyfish at Westport (station 7). 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.

