

CHANNEL ISLANDS HARBOR WATER QUALITY ISSUE REMOTE SENOR DATA – 5/1/19 THROUGH 5/8/19

The remote sensor data for the period from 5/1/19 to 5/8/19. 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, as well as large spikes of chlorophyll values ($>10 \mu\text{g/L}$) were observed at Westport (station 7), possibly an effect of boat traffic. Some visible macroalgae were observed at Mandalay (station 20) and Seabridge (station 6), and schools of moon jellyfish were observed at Seabridge (station 6), Westport (station 7), and the boundary of Seabridge and Westport (station 23) during sampling on 5/8/2019. 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.

