

## CHANNEL ISLANDS HARBOR WATER QUALITY ISSUE REMOTE SENOR DATA – 7/2/19 THROUGH 7/10/19

The remote sensor data for the period from 7/2/19 to 7/10/19. Acceptable concentrations of chlorophyll (a proxy for microscopic algal biomass, in green) were observed at all four remote sensor locations. However, dissolved oxygen (DO) repeatedly dipped below 4 mg/L at the boundary of Seabridge and Westport (station 23) and Westport (station 7) during the night beginning on approximately 7/7/19. That bears close monitoring. Spikes of chlorophyll values observed at Westport (station 7) were possibly due to the presence of macroalgae floating past the sensor. Some macroalgae were observed at all four stations during sampling on 7/10/19, as well as some jellyfish observed 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.

