

**CHANNEL ISLANDS HARBOR WATER QUALITY ISSUE
REMOTE SENSOR DATA – 8/28/19 THROUGH 9/5/19**

The remote sensor data for the period from 8/28/19 to 9/5/19. Dissolved oxygen (DO, in blue) dropped to values below 4 mg/L throughout the week at Mandalay (station 20), and for most of the week (8/28/19 – 9/2/19) at Seabridge (station 6). DO concentrations at the boundary of Seabridge and Westport (station 23) and Westport (station 7) were around 4 mg/L for brief periods this week, but quickly recovered to higher values. Chlorophyll (a proxy for microscopic algal biomass, in green) concentrations were lower at all stations compared to last week (8/22/19 – 9/5/19) and were generally lower than 20 µg/L. Spikes of high chlorophyll concentrations were observed at Westport (station 7), possibly due to interference by macroalgae. Large schools of jellyfish were observed at Seabridge (station 6), Westport (station 7) and Mandalay (station 20) during sampling on 9/5/19, as well as some floating macroalgae at all four stations. 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.

