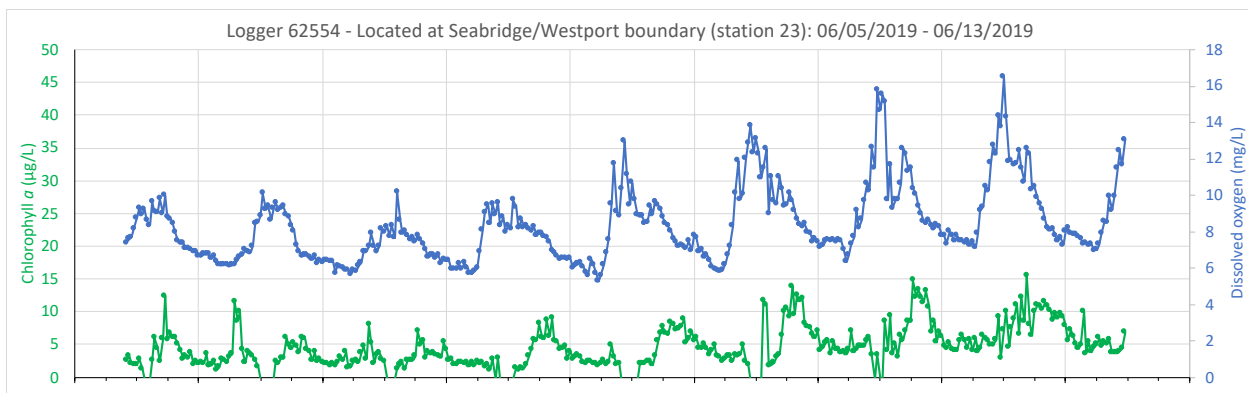
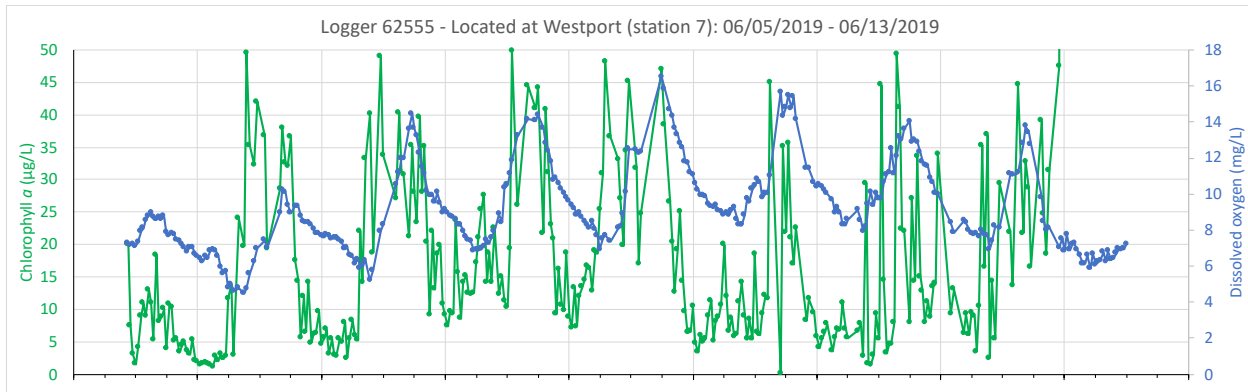
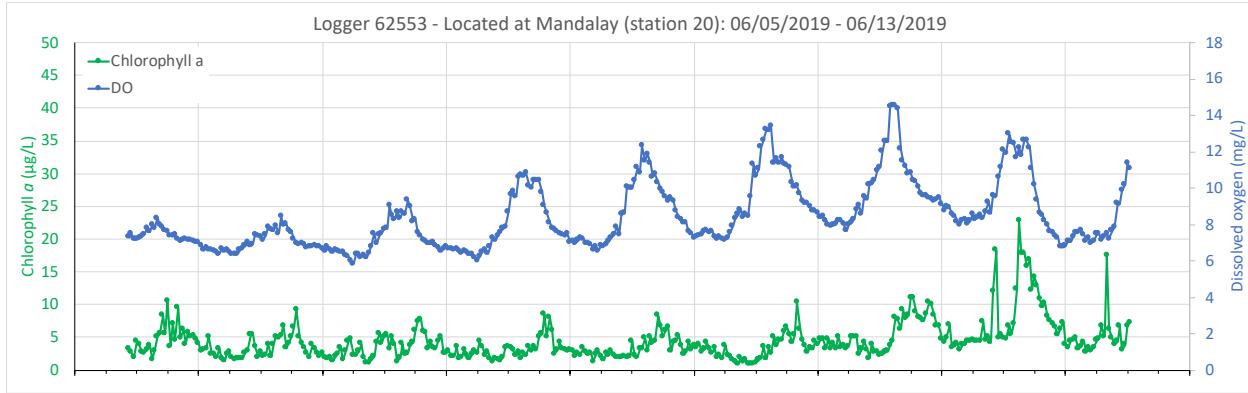


## CHANNEL ISLANDS HARBOR WATER QUALITY ISSUE REMOTE SENOR DATA – 3/13/19 THROUGH 6/5/19

The remote sensor data for the period from 6/5/19 to 6/13/19. 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 at the end of the week (6/14) when macroalgae were apparently interfering with chlorophyll readings, 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 all four stations during sampling on 6/13/19, as well as some jellyfish at all stations except the boundary of Seabridge/Westport (station 23). 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.



Station 7 with expanded axis:

