

CITY OF
OXNARD CHANNEL ISLANDS HARBOR WATER QUALITY ISSUE
 REMOTE SENOR DATA – 7/31/19 THROUGH 8/6/19
 CALIFORNIA

The remote sensor data for the period from 7/31/19 to 8/6/19. Dissolved oxygen (DO, in blue) momentarily dipped slightly below 4 mg/L during night time throughout the week at Mandalay (station 20), but recovered to higher values during the day. Chlorophyll (a proxy for microscopic algal biomass, in green) concentrations higher than 10 µg/L were observed at Seabridge (station 6) and Westport (station 7). Inspection of green water collected at Westport (station 7) on 7/31/19 revealed a bloom of cryptophytes, a non-harmful microalga. Macroalgae was observed at all stations and jellyfish was observed at all stations except Mandalay (station 20) during sampling on 7/30/19, with large schools of jellyfish and floating macroalgae 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.

