

CHANNEL ISLANDS HARBOR WATER QUALITY: REMOTE SENSOR DATA – 3/30/22 THROUGH 10/12/22

Below is the remote sensor data from 3/30/22 to 10/12/22, which is data collected since the date of installation (3/30/2022). This data captures trends of dissolved oxygen concentrations (DO; individual data points in blue and rolling average of prior 50 data points in yellow) and chlorophyll fluorescence (a proxy for microscopic algal biomass; individual data points in green and rolling average of prior 50 data points in red) at two designated sampling locations. Data points for chlorophyll >100 µg/L were removed as the values are likely artifactual, possibly due to interference by drifting macroalgae. Logger 62555 replaced logger 62556 on 6/1/22 due to erratic readings from the chlorophyll sensor of logger 62556.

The City of Oxnard and Aquatic Bioassay & Consulting will continue to monitor the sensors in the area.

