

Project Baseline Wellington Kelp Survey Report for Kelp Survey 02 Dec 2022

Kau Bay Kelp Observation – D16 (02 Dec 2022)

Reference: KB D16

Date: **02 Dec 2022**

Time: 7.00 am – 7.40am

Route: From Kau Bay into Mahanga Bay

Surface snorkel observation

Snorkeler: Nicole Miller

Method: GPS tracking with Garmin etrex 20x in waterproof housing.

Visibility: 3m

Surface Temp: 16.7 °C (Sony TG-6 camera sensor); Hobo data still recording

Tide: slight outgoing (low tide approx. 6.36am, 0.5, Linz)

Kelp Bed Size: **area covered 2,095m²**



Dec 2021 (green, 2,447m²) & Dec 2022
(yellow, 2,095m²).

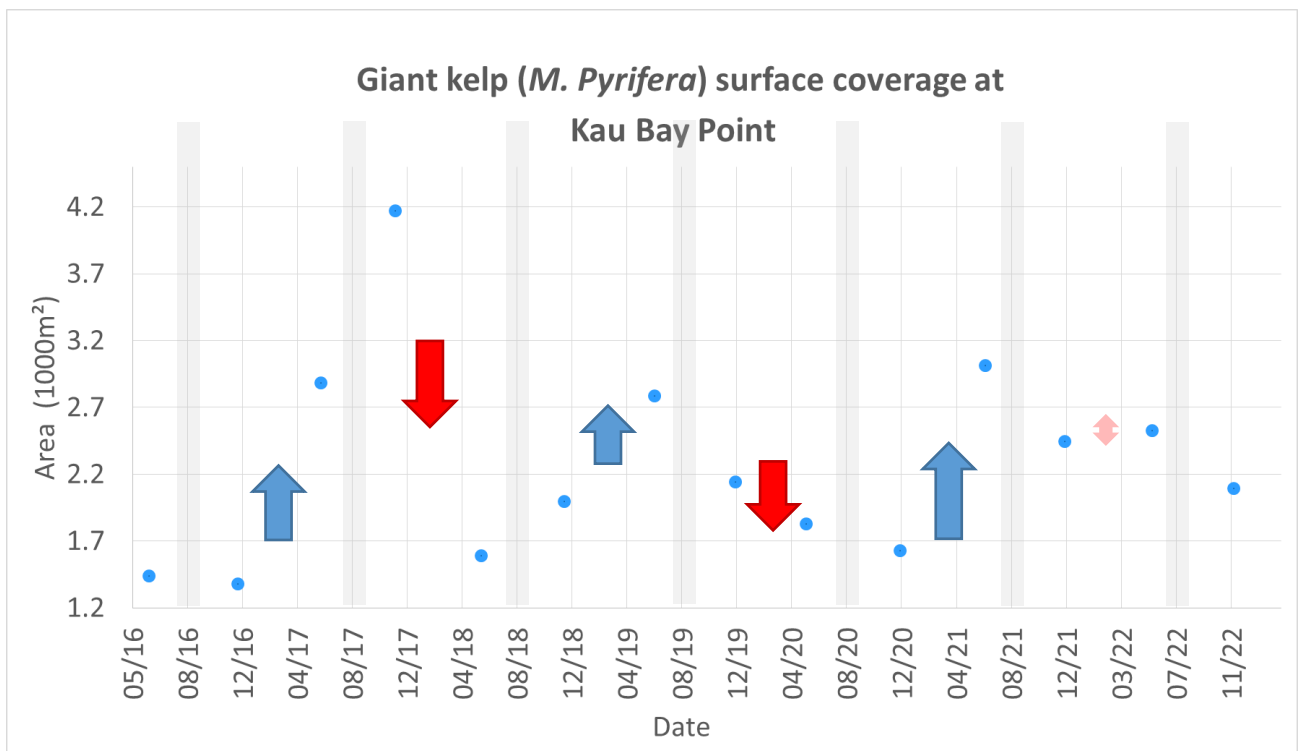


June 2022 (blue, 2,525m²) & Dec 2022 (yellow,
2,095m²).

On 3rd December 2022 the urchin removal phase for the iwi-led controlled kina removal project commenced. More information on www.kinaowhanganuiatara.nz.

Temperature Data GWRC, Mahanga Bay

Date (NZST)	Water Temperature (X) (deg C)
14/12/2022 10:47:00	18.3
07/12/2022 11:55:00	17.7
30/11/2022 10:09:00	18.2
23/11/2022 12:29:00	19.2
16/11/2022 08:42:00	16.6
09/11/2022 11:38:00	17.7
02/11/2022 10:06:00	14.7



2022-Dec-02 Survey Photos

Topside photos and surface snorkel (all uw photos taken from surface).

