

24 September 2021

Data for Phytoplankton pigment profiles for samples from Cleanseas survey in Sept 2021.

The data quoted are our estimates of:

- Concentrations of phytoplankton pigments (mg m^{-3}) analysed using an Agilent LC1260 HPLC with a photodiode array detector and a refrigerated autosampler. Pigment concentrations were calculated using DHI standards.

Results for Cleanseas Sept 2021 surveys. Concentrations of phytoplankton pigments in mg m^{-3} .

Sample names	Chlorophyll C2	Peridinin	19-but-fucoanthin	Fucoanthin	Neoxanthin	Prasincoxanthin	Violaxanthin	19-hex-fucoanthin	Astaxanthin	Diadinoxanthin	Alloxanthin	Diatoxanthin	Zeaxanthin	Lutein	Cantaxanthin	Chl b allomer	chl b	Divinyl Chl a	chl a allomer	chl a	chl a epimer	Lycopene	Alpha-carotene	b-b carotene
Douglas Point	0.018	0.000	0.003	0.056	0.007	0.019	0.014	0.000	0.000	0.013	0.015	0.000	0.030	0.006	0.000	0.000	0.066	0.000	0.000	0.286	0.000	0.000	0.000	0.020
Eight Mile	0.017	0.000	0.004	0.038	0.006	0.020	0.016	0.000	0.009	0.010	0.009	0.000	0.051	0.000	0.000	0.000	0.060	0.000	0.000	0.255	0.000	0.000	0.000	0.020
False Bay	0.016	0.000	0.004	0.041	0.004	0.012	0.008	0.011	0.000	0.008	0.006	0.000	0.039	0.000	0.000	0.000	0.038	0.000	0.000	0.199	0.000	0.000	0.000	0.016
Fitz Bay	0.028	0.000	0.000	0.072	0.008	0.019	0.012	0.016	0.007	0.011	0.012	0.000	0.044	0.000	0.000	0.000	0.067	0.000	0.000	0.320	0.000	0.000	0.000	0.022
Germain	0.019	0.000	0.000	0.043	0.004	0.016	0.013	0.012	0.000	0.014	0.014	0.000	0.041	0.000	0.000	0.000	0.043	0.000	0.000	0.224	0.000	0.000	0.000	0.019
Mt Gullett	0.019	0.000	0.000	0.043	0.009	0.022	0.017	0.000	0.000	0.008	0.014	0.000	0.042	0.000	0.000	0.000	0.074	0.000	0.000	0.284	0.000	0.000	0.000	0.023

End of results