

Sample	43	95	96	142	500 m Plankton
Bacteria cell abundance (cells x mL ⁻¹)	nd	2.97 x 10 ⁵	3.85 x 10 ⁵	7.60 x 10 ⁵	6.51±1.31 x 10 ⁴
Leucine incorporation rate (pM x hr ⁻¹)	36.32	167.32	2.83	42.64	0.35±0.20
Bacterial biomass production (mgC x L ⁻¹ day ⁻¹)	1.31 x 10 ⁻³	6.02 x 10 ⁻³	0.10 x 10 ⁻³	1.53 x 10 ⁻³	1.27±0.73 x 10 ⁻⁵
Generation Time (day)	nd	0.42	32.52	4.25	55.82±27.08
Phytoplankton cell abundance (cells x mL ⁻¹)	2.29 x 10 ⁴	1.12 x 10 ⁴	2.13 x 10 ⁴	2.45 x 10 ⁵	0.25±0.15 x 10 ²
Phytoplankton >10 µm (cells x mL ⁻¹)	0.37 x 10 ³	0.66 x 10 ³	0.15 x 10 ³	4.75 x 10 ³	1.5±1.7
Phytoplankton 3-10 µm (cells x mL ⁻¹)	1.75 x 10 ⁴	2.27 x 10 ³	8.31 x 10 ³	3.04 x 10 ⁴	0.13±0.1 x 10 ²
Phytoplankton <3 µm (cells x mL ⁻¹)	5.04 x 10 ³	8.26 x 10 ³	1.29 x 10 ⁴	2.1 x 10 ⁵	0.1±0.07 x 10 ²