Description of Additional Supplementary Files

File name: Supplementary Dataset 1

Description: Climatology, Meteorology, Oceanography of Potter Cove 2014-2017 (source data of Figure

2)

File name: Supplementary Dataset 2

Description: Benthic total oxygen exchange, pigments and microalgal biomass of 3 sites in Potter Cove

2015-2016 (source data of Figure 3)

File name: Supplementary Dataset 3

Description: Multivariate dataset of benthic parameters of 3 sites in Potter Cove 2015-2016 (source data

of Figure 4 and Supplementary Table 4)

File name: Supplementary Dataset 4

Description: Photosynthetic Active Radiation at 3 sites in Potter Cove 2015-2016 (source data of

Supplementary Figure 1)

File name: Supplementary Dataset 5

Description: Average biomass in benthic biotic compartments at 3 sites in Potter Cove 2015-2016

(source data of Supplementary Figure 2)

File name: Supplementary Dataset 6

Description: Individual and total biomass and density of Laternula elliptica at 3 sites in Potter Cove

2015-2016 (source data of Supplementary Figure 3)

File name: Supplementary Dataset 7

Description: Median grain size, silt fraction and porosity at 3 sites in Potter Cove 2015-2016 (source data

of Supplementary Table 2).