

Estuary Watch Physico-chemical Data Sheet - YSI



Berg
Mt Martha



Estuary Watch

Sampled by:

BALCOMBE ESTUARY

Estuary: Picnic Jetty Site Max Depth: 600 mm Date: 14/2/25 Time: 1:10 pm

Last membrane replacement: (please indicate the meter, date and time recorded on your membrane replacement record sheet in the space below).

Meter:

Date:

Time:

Calibrations required: (i.e. for DO or Salinity)

Yes / No

- If you selected yes in the above section please indicate

Which calibrations you performed (please circle): DO / Salinity

Calibrations recorded on calibration record sheet: Yes / No / N/A

Depth Profiling

Depth (m)	Temp (°C)	Salinity (ppt)	D.O. (mg/L)	D.O. (% sat)	Spc EC (mS/cm)	Notes
0.10	26	Nitric acid	10.0	124 (%)	10.4	Berm Closed (for several weeks)
0.50				checked		Light wind.
1.00						
1.50						
2.00						
2.50						
3.00						
3.50						
4.00						
*						

* - sample at 10cm above bottom

Freshwater inflow (circle most appropriate) Dry Pool Slow Med Fast

Top and Bottom Sample (indicate bottom depth if different to max depth)

Top Turbidity (30cm): < 10 Bottom Turbidity: Clear water

Top pH (10cm): 8.6 Bottom pH: @ 300 mm Half depth

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(Hole depth 1.1)

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Estuary: BALCOMBE Site: AGGURRA ST Max Depth: 2.5m

Date: 14/2/25 Time: 1:50 pm

Last membrane replacement: (please indicate the meter, date and time recorded on your membrane replacement record sheet in the space below).

Meter:

Date:

Time:

Calibrations required: (i.e. for DO or Salinity)

Yes / No

- If you selected yes in the above section please indicate which calibrations you performed (please circle):

DO / Salinity

Calibrations recorded on calibration record sheet: Yes / No / N/A

Depth Profiling

Data Entered: <u>14/2/25</u>	Yes / No
Date of Entry: <u>14/2/25</u>	/ /
Data Entered By: <u>G. Fitchard</u>	
Observation Id on database:	
Approved by Team leader:	Yes / No
Approved by Coordinator:	Yes / No

Depth (m)	Temp (°C)	Salinity (ppt)	D.O. (mg/L)	D.O. (% sat)	Sp EC (mS/cm)	Notes
0.50						
0.30						
<u>0.3 m</u>	<u>24.9</u>	<u>Not tested</u>	<u>2.40</u>	<u>30.4</u>	<u>11.1</u>	<u>Berm closed</u>
<u>1.50 m</u>	<u>23.9</u>		<u>0.25</u>	<u>3.15</u>	<u>37.0</u>	
<u>2.00</u>						
<u>2.50</u>						
<u>3.00</u>						
<u>3.50</u>						
<u>4.00</u>						
*						

* - sample at 10cm above bottom

Freshwater inflow (circle most appropriate)	Dry	Pool	Slow	Med	Fast
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Top and Bottom Sample (indicate bottom depth if different to max depth)

Top Turbidity (10cm): 15 Bottom Turbidity: 15

Top pH (10cm): 7.2 Bottom pH: 7.4

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