

Estuary Watch Physico-chemical Data Sheet - YSI

Sampled by:

Gareth Butcher + Ian Horton



Berg
Mt Martha



Estuary Watch

Estuary: BALCOMBE

Site: Picnic Jetty

Max Depth: 400 mm

Date: 9/10/24

Time: 2:20 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>9/10/24</u>	Yes / No	/
Date of Entry:	<u>9/10/24</u>	/	/
Data Entered By:	<u>Ian Horton</u>	<u>2:20 - 2:40 pm</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)	Spe EC (mS/cm)	Notes
0.10 surface	<u>20.0</u>	<u>Not tested</u>	<u>10.8</u>	<u>124</u>	<u>16.6</u>	<u>Low tide</u> <u>SAMPLED AT LOW TIDE</u> <u>NO FLOW AT BERM.</u>
0.40 bottom	<u>20.4</u>	<u>1</u>	<u>10.6</u>	<u>130</u>	<u>17.0</u>	
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	<u>Pool</u>	Slow	Med	Fast
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Top and Bottom Sample (indicate bottom depth if different to max depth)

Low Tide

Top Turbidity (10cm): 410

Bottom Turbidity: 410

Top pH (10cm): 7.4

Bottom pH: 4.5

www.estuarywatch.com.au

Estuary Watch Physico-chemical Data Sheet - YSI

Sampled by: Geoff Butcher & Ian Horton



Berg
Mt Martha



Estuary: BALCOMBE Site: ACACIA RIDGE Max Depth: 1m Date: 9/10/24 Time: 3:15 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)	Sp EC (mS/cm)	Notes
0.10	<u>14.0</u>	<u>Not tested</u>	<u>7.9</u>	<u>75</u>	<u>2.3</u>	[SAMPLED AFTER LOW TIDE SLOW FLOW OF SEA WATER IN AT THE BEACH.
0.50						
1.00	<u>17.3</u>		<u>0.48</u>	<u>5.6</u>	<u>25.9</u>	
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
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Top and Bottom Sample (indicate bottom depth if different to max depth)

Top Turbidity (10cm): 4.0 Bottom Turbidity: 2.0

Top pH (10cm): 6.9 Bottom pH: 6.1 www.estuarywatch.com.au