

# Estuary Watch Physico-chemical Data Sheet - YSI

Sampled by: *Dina Brad Kate*

Site assessed for hazards



Estuary: *Hopkins* Site: *H1* Max Depth (m): *5.2<sup>m</sup>* Date: *14/10/22* Time: *6pm*

Last membrane replacement:  
 Meter: *YSI 15* Date: *23-11-19* Time: *10:00*  
 Calibrations required: (i.e. for DO or EC) Yes /  No  
 • If you selected yes in the above section please indicate  
 Which calibrations you performed (please circle): DO / EC /  pH  
 Calibrations recorded on calibration record sheet:  Yes / No / N/A

Data entered:  Yes / No  
 Data sheet uploaded:  Yes / No  
 Data entered by: *Dina*  
 Observation ID on database:  
 Approved by coordinator Yes / No

## Depth Profiling

Depth (m)	Temp (°C)	Salinity (ppt)	D.O. (mg/L)	D.O. (% sat)	EC (mS/cm)	Notes
0.10	14.7	0.8	8.86	87.6	1.596	<i>River flowing very quickly High level - floods upstream.</i>
0.50	14.7	0.8	8.59	85.2	1.596	
1.00	14.7	0.9	8.55	84.8	1.649	<i>Flowing too hard to get a sample!</i>
1.50	14.7	0.9	8.52	84.6	1.786	
2.00	14.7	0.9	8.51	84.5	1.810	
2.50	14.8	0.9	8.51	84.5	1.835	<i>All samples taken on an angle due to fast water flow</i>
3.00	14.8	1.0	8.51	84.6	1.915	
3.50	14.8	1.0	8.51	84.6	1.966	
4.00	14.8	1.0	8.5	84.5	1.996	
4.50	14.8	1.1	8.49	84.5	2.216	<i>- 8 High tide <i>6pm</i>.</i>
5.00	14.8	1.9	8.37	83.7	3.142	
*						

\* - sample at 10cm above bottom

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

Top and Bottom Sample	Turbidity (NTU)	pH
Top Depth (10cm):	<i>65</i>	<i>8.5</i>
Bottom Depth: <i>5.05</i>	<i>32</i>	<i>8.5</i>

Indicate bottom depth if not 10cm above the max depth