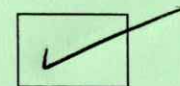


# Estuary Watch Physico-chemical Data Sheet - YSI

Sampled by: Dina Colin Kate

Site assessed for hazards



Estuary: Hopkins Site: H1 Max Depth (m): 4.5m Date: 17/6/23 Time: 1pm

**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:	<input checked="" type="radio"/> Yes <input type="radio"/> No
Data sheet uploaded:	<input checked="" type="radio"/> Yes <input type="radio"/> No
Data entered by:	<u>Dina</u>
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	11.5	6.3	9.48	91.2		Distinct top + bottom layers with inward and outward flows
0.50	11.5	6.1	9.46	90.0	10.92	
1.00	12.5	14.8	9.34	96.2	22.45	
1.50	13.2	27.6	8.53	97.5	41.33	
2.00	13.4	29.4	8.46	98.2	<del>29.45</del> 45.04	Strong N.E wind moving upstream from 2m
2.50	13.5	30.4	8.43	98.3	46.32	
3.00	13.6	31.4	8.21	96.6	47.99	
3.50	13.7	32.2	7.72	90.9	48.92	
4.00	13.7	32.2	7.14	84.3	49.48	
<del>4.50</del> 4.3	13.9	32.9	5.81	69.6	50.1	
5.00						
*						

\* - 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):	12.5	7.6
Bottom Depth: <u>4.35</u> Indicate bottom depth if not 10cm above the max depth	<9	<del>7.6</del> 7.6