

EstuaryWatch Physico-chemical Data Sheet - YSI

Sampled by: *Colin, Bred, Gilly*



Estuary: *Hopkins* Site: *H1* Max Depth: *4.0* Date: *15/9/18* Time: *1pm*

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)	EC (mS/cm)	Notes
0.10	13.5	32.3	8.54	100.0	49.51	
0.50	13.4	32.4	8.48	99.4	49.61	
1.00	13.3	32.8	8.46	99.2	50.1	
1.50	13.2	32.7	8.49	99.4	50.3	
2.00	13.5	33.5	8.14	76.1	51.0	
2.50	13.4	33.8	8.09	95.5	51.5	
3.00	12.4	33.9	8.02	94.9	51.6	
3.50	13.4	33.9	8.02	94.8	51.6	
4.00 3.8	13.4	33.9	7.94	93.9	51.7	
*						

* - 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 (10cm): *< 9* Bottom Turbidity: *< 9*

Top pH (10cm): *8.5* Bottom pH: *8.3*

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Strong flow upstream from mouth (v. blue water)