

Estuary Watch Physico-chemical Data Sheet - YSI



Sampled by: Jelly - Profile taken at low tide
High tide early AM = 2001 empty

AHD 930.074

Estuary: Gullstrand Site: G2 Max Depth: 4:22 Date: 4/12/16 Time: 10:45

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

Meter: YS/N013 Date: 01/11/2016 Time: 9:00

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	17.3	4.1	8.36	89.2	7.33	N/A and small increase D/C. Do. erratic
0.50	17.3	4.2	8.42	89.9	7.55	
1.00	17.0	6.6	7.99	85.9	11.44	
1.50	16.5	26.2	8.31	99.0	40.12	
2.00	15.9	31.3	8.53	105.0	47.93	
2.50	15.9	32.1	8.36	103.1	48.83	
3.00	15.9	33.1	8.10	100.2	50.4	
3.50	15.9	33.5	7.92	98.0	51.0	
4.00	15.9	33.6	7.67	95.2	51.1	
* 4.12	15.9	33.6	5.75	93.9	51.1	

* - sample at 10cm above bottom

Freshwater inflow (circle most appropriate)	Dry	Pool	Slow	Med	Fast
<u>Slow</u>					

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

Top Turbidity (10cm): NT Bottom Turbidity:

Top pH (10cm): NT Bottom pH: