

# EstuaryWatch Physico-chemical Data Sheet - YSI

Sampled by: Brad, Dina, Colin, Fiona, Emily  
 Hannah, Kate, Ash

Site assessed for hazards



Estuary: A2 Site: Hopkins Max Depth (m): 3.3 Date: 16/9/23 Time: 1:25

**Last membrane replacement:**  
 Meter: YSI 15 Date: 23.11.19 Time: \_\_\_\_\_  
**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 <input checked="" type="radio"/> No <input type="radio"/> |
| Data sheet uploaded:        | Yes <input checked="" type="radio"/> No <input type="radio"/> |
| 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      | <u>15.8</u> | <u>24.1</u>    | <u>10.23</u> | <u>119.1</u> | <u>37.85</u>    |       |
| 0.50      | <u>15.5</u> | <u>10.28</u>   | <u>119.6</u> | <u>39.82</u> | <u>25.5 ppt</u> |       |
| 1.00      | <u>15.1</u> | <u>27.8</u>    | <u>9.79</u>  | <u>114.6</u> | <u>43.00</u>    |       |
| 1.50      | <u>14.9</u> | <u>29.8</u>    | <u>9.36</u>  | <u>110.4</u> | <u>46.29</u>    |       |
| 2.00      | <u>14.9</u> | <u>30.7</u>    | <u>8.97</u>  | <u>106.3</u> | <u>47.3</u>     |       |
| 2.50      | <u>14.9</u> | <u>30.9</u>    | <u>8.84</u>  | <u>105.0</u> | <u>47.4</u>     |       |
| 3.00      | <u>14.9</u> | <u>30.9</u>    | <u>8.81</u>  | <u>104.5</u> | <u>47.4</u>     |       |
| 3.50      |             |                |              |              |                 |       |
| 4.00      |             |                |              |              |                 |       |
| 4.50      |             |                |              |              |                 |       |
| 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):   | <u>&lt; 9</u>   | <u>8.6</u> |
| Bottom Depth: <u>3.15</u><br><small>Indicate bottom depth if not 10cm above the max depth</small> | <u>&lt; 9</u>   | <u>8.4</u> |