

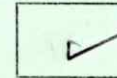
*Green*

# EstuaryWatch Physico-chemical Data Sheet - YSI

Sampled by:

*Dina, Colin, Brad, Ash, Kate*

Site assessed for hazards



Estuary: *Hopkins* Site: *H4* Max Depth (m): *2.3* Date: *20/6/20* Time: *1:55*

**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:            |          |
| 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      | 11.8      | 3.5            | 11.0            | 104.1        | 6.35       | <i>Rotifer bloom<br/>Water has a "pinkish hue"</i> |
| 0.50      | 11.8      | 3.5            | 10.95           | 103.3        | 6.36       |  |
| 1.00      | 11.7      | 3.5            | 10.99           | 103.8        | 6.34       |  |
| 1.50      | 13.4      | 15.7           | <del>33.8</del> | 35.1         | 25.76      | <i>possible rotifer bloom<br/>or bacteria</i>      |
| 2.00      | 13.8      | 18.8           | 0.01            | 0.7%         | 30.04      |  |
| 2.50      |           |                |                 |              |            |  |
| 3.00      |           |                |                 |              |            |  |
| 3.50      |           |                |                 |              |            |  |
| 4.00      |           |                |                 |              |            |  |
| 4.50      |           |                |                 |              |            |  |
| 5.00      |           |                |                 |              |            |  |
| *         |           |                |                 |              |            |  |

\* - sample at 10cm above bottom

|   |                              |                               |                               |                              |                               |
|---|------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|
| Freshwater inflow (circle most appropriate) | <input type="checkbox"/> Dry | <input type="checkbox"/> Pool | <input type="checkbox"/> Slow | <input type="checkbox"/> Med | <input type="checkbox"/> Fast |
|---|------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|

| Top and Bottom Sample   | Turbidity (NTU) | pH         |
|---|-----------------|------------|
| Top Depth (10cm):   | <i>&lt; 9</i>   | <i>8.2</i> |
| Bottom Depth:<br><small>Indicate bottom depth if not 10cm above the max depth</small> | <i>11</i>       | <i>7.6</i> |