

*Green*

# EstuaryWatch Physico-chemical Data Sheet - YSI

Sampled by: *Dina, Brad, Kate*

Site assessed for hazards



Estuary: *Hopkins* Site: *H2* Max Depth (m): *3.4* Date: *17/4/21* Time: *1:19*

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:            | <i>Dina</i>   |
| 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                       | <i>16.2</i> | <i>28.1</i>    | <i>9.41</i> | <i>112.5</i> | <i>43.50</i> | <i>Assisted by Rose + Hamish</i> |
| 0.50                       | <i>16.0</i> | <i>28.2</i>    | <i>9.32</i> | <i>111.2</i> | <i>43.61</i> |                                  |
| 1.00                       | <i>15.8</i> | <i>28.8</i>    | <i>8.84</i> | <i>104.1</i> | <i>44.33</i> |                                  |
| 1.50                       | <i>15.6</i> | <i>31.7</i>    | <i>8.51</i> | <i>102.4</i> | <i>48.54</i> |                                  |
| 2.00                       | <i>15.7</i> | <i>32.3</i>    | <i>8.19</i> | <i>98.6</i>  | <i>49.32</i> |                                  |
| 2.50                       | <i>15.9</i> | <i>32.8</i>    | <i>7.77</i> | <i>94.1</i>  | <i>50.1</i>  |                                  |
| 3.00                       | <i>15.9</i> | <i>33.3</i>    | <i>7.30</i> | <i>88.3</i>  | <i>50.6</i>  |                                  |
| <del>3.50</del> <i>3.2</i> | <i>15.9</i> | <i>33.3</i>    | <i>6.98</i> | <i>85.1</i>  | <i>50.7</i>  |                                  |
| 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):   | <i>&lt;9</i>    | <i>8.5</i> |
| Bottom Depth: <i>3.25</i><br><small>Indicate bottom depth if not 10cm above the max depth</small> | <i>&lt;9</i>    | <i>8.3</i> |