

Green

EstuaryWatch Physico-chemical Data Sheet - YSI

Sampled by: *Dina Ash Broad Karle*

Site assessed for hazards



Estuary: *Hopkins* Site: *174* Max Depth (m): *1.7m* Date: *19/3/21* Time: *6:42*

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="checkbox"/> Yes <input type="checkbox"/> No |
| Data sheet uploaded: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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>23.4</i> | <i>25.6</i> | <i>7.71</i> | <i>103.9</i> | <i>40.10</i> | |
| 0.50 | <i>23.4</i> | <i>26.0</i> | <i>7.77</i> | <i>104.6</i> | <i>40.65</i> | |
| 1.00 | <i>20.4</i> | <i>32.4</i> | <i>5.41</i> | <i>70.1</i> | <i>49.52</i> | |
| 1.50 | <i>20.0</i> | <i>32.6</i> | <i>4.5</i> | <i>58.0</i> | <i>49.8</i> | |
| 2.00 | | | | | | |
| 2.50 | | | | | | |
| 3.00 | | | | | | |
| 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): | <i>29</i> | |
| Bottom Depth: <i>1.55</i> <small>Indicate bottom depth if not 10cm above the max depth</small> | <i>29</i> | |

pH Meter Broken, as unable to calibrate