



Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code: ETN 900

Site description: Tanti Creek Mornington Estuary Site 1

Name of monitoring group

Persons monitoring: Martin Lenard + Ann Robb

Date and time of monitoring: 8/10/23 2:20pm

Please record your data below:

Parameter	Reading	Comments
Air Temperature	17 °C	
Water Temperature	15.5 °C	
Turbidity	8.4 NTU	Water was very clear
pH	7.3 Unit	
Conductivity	3800 µS / cm	
Dissolved Oxygen	10.6 mg / L	108 % Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	0.43 x 0.326 = 0.14 mg / L	* minor precip. undissolved.
Ammonium	- 0.02 mg / L	
Nitrate	- mg / L	

Observations and Notes:

What has changed since last time you monitored?

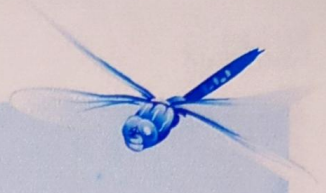
Creek bed has become wider and deeper

What stands out about the site today?

Vegetation on bank has grown a lot.

Other observations:

No fish observed which is unusual for this site.



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Waterway Information

Rate of flow:

- Very fast Fast Normal base flow Slow Trickle
 None Permanent Temporary Other

If 'Other', please specify:

Type of flow:

- Rising Steady Falling Peak Dry Pools / Puddles Other

If 'Other', please specify:

Waterway Appearance:

- Clear Muddy Smelly Frothy Scummy
 Oily Discoloured Milky Stained brown Other

If 'Other', please specify:

Waterway depth: 60 cm (0 to 3000cm)

Waterway width: 3 m (0 to 100m)

Weather:

- Sunny Cloudy Overcast Showers Rain
 Hail Windy Foggy Other

If 'Other', please specify:

Last rainfall:

- Raining now Last 24hrs Last 3 days Last 7 days ^{28mm} More than a week ago

Litter / Pollutants:

- Cans Paper Clothing Oil (m²)
 Food Packets Plastic Polystyrene Car bodies
 Waxed Cardboard Bottles Petrol/Diesel (m²) Other

If 'Other', please specify:-