

## 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: 8/3/24 3:00 pm

#### Please record your data below:

Parameter	Reading	Comments
Air Temperature	27 °C	
Water Temperature	20.0 °C	
Turbidity	8.18 NTU	FAU
pH	8.0 Unit	
Conductivity	6600 µS / cm	
Dissolved Oxygen	10.2 mg / L	115 % Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	0.18 ppm $\times 0.326 = 0.06$ mg / L	Could not dissolve all precip. with extra acid.
Ammonium	- 0.02 mg / L	
Nitrate	- mg / L	

#### Observations and Notes:

What has changed since last time you monitored?

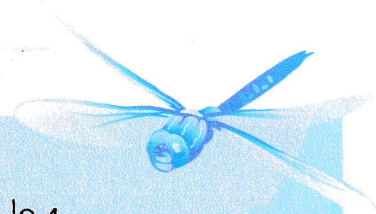
Creek appears more silted up.

What stands out about the site today?

Fallen trees/shrubs + flood debris

Other observations:

No fish observed.



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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: 30 cm (0 to 3000cm)

Waterway width: 3m (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    ☒ More than a week ago

#### Litter / Pollutants:

- ☐ Cans    ☐ Paper    ☐ Clothing    ☐ Oil (m<sup>2</sup>)  
☐ Food Packets    ☒ Plastic    ☐ Polystyrene    ☐ Car bodies  
☐ Waxed Cardboard    ☒ Bottles    ☐ Petrol/Diesel (m<sup>2</sup>)    ☐ Other

If 'Other', please specify: