

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: 17/1/24 1:05 pm

Please record your data below:

Parameter	Reading	Comments
Air Temperature	17 °C	
Water Temperature	20.3 °C	
Turbidity	37.8 ^{FAU} NTU	
pH	7.4 Unit	
Conductivity	220 µS / cm	
Dissolved Oxygen	6.9 mg / L	% Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	0.13 ppm x 0.326 = 0.042 mg / L	could not dissolve all precipitate with extra acid.
Ammonium	- 0.04 mg / L	
Nitrate	- mg / L	

Observations and Notes:

What has changed since last time you monitored?

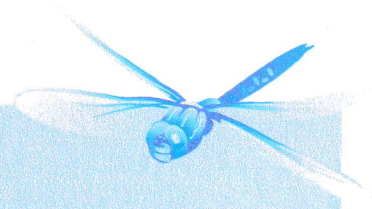
Evidence of flooding - debris caught up in trees/shrubs in creek -

What stands out about the site today?

Running water along east bank.

Other observations:

Fast flow from recent rain



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ERN 900
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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 ^{18mm} ☐ Last 3 days ☐ Last 7 days ☐ 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: