



Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code: ETN 600

Site description: Tanti Creek Mornington Site#2 Stones Crossing

Name of monitoring group

Persons monitoring: Martin Lenard + Ann Robb

Date and time of monitoring: 8/11/23 1:35pm

Please record your data below:

Parameter	Reading	Comments
Air Temperature	25 °C	
Water Temperature	20.5 °C	
Turbidity	16.3 NTU	
pH	6.5 Unit	
Conductivity	2200 µS / cm	
Dissolved Oxygen	7.4 mg / L	84% Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	0.1 ppm x 0.326 = 0.03 mg / L	
Ammonium	0.04 mg / L	
Nitrate	mg / L	

Observations and Notes:

What has changed since last time you monitored?

Evidence of high water flows from thunderstorms yesterday.

What stands out about the site today?

Bits of polystyrene
Large sand bank upstream

Other observations:

No fish



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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:

cloudy

Waterway depth: 40 cm (0 to 3000cm)

Waterway width: 2.5 m (0 to 100m)

Weather:

- ☐ Sunny ☒ Cloudy ☐ Overcast ☐ Showers ☐ Rain
☐ Hail ☐ Windy ☐ Foggy ☐ Other

If 'Other', please specify:

Last rainfall:

- ☐ Raining now ☒ Last 24hrs 10 mm ☐ 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: