



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

Date and time of monitoring: 01/02/20 10:50 am

Please record your data below:

Parameter	Reading	Comments
Air Temperature	25 °C	
Water Temperature	22.1 °C	
Turbidity	43.9 FAU NTU	
pH	7.2 Unit	
Conductivity	2900 µS / cm	
Dissolved Oxygen	5.7 mg / L	% Saturation
11-12 Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	0.47 ppm $\times 0.326 = 0.15$ mg / L	
11-24 Ammonium	0.02 mg / L	
Nitrate	mg / L	

Observations and Notes:

What has changed since last time you monitored?

Water is cloudy + smoky.

What stands out about the site today?

Other observations:

This observation taken to check water quality given
observed turbidity, + foam following only a small rain.



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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: 30 cm (0 to 3000cm)

Waterway width: 2 m (0 to 100m)

Weather:

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

If 'Other', please specify:

Last rainfall:

- ☐ Raining now ☒ Last 24hrs ^{2.0 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:

Not recorded.



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