

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 Rabb

Date and time of monitoring: 17/1/24 2:30 pm.

Please record your data below:

Parameter	Reading	Comments
Air Temperature	19.1 °C	
Water Temperature	21.1 °C	
Turbidity	31.9 400 FAV NTU	
pH	6.9 Unit	
Conductivity	400 µS / cm	
Dissolved Oxygen	7.9 mg / L	% Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	0.21 ppm $\times 0.326 = 0.07$ mg / L	
Ammonium	0.02 mg / L	
Nitrate	mg / L	

Observations and Notes:

What has changed since last time you monitored?

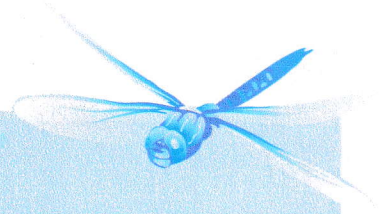
Silver Poplar branch hanging into creek.

What stands out about the site today?

Width of ferruginous sandstone creek bed - getting wider

Other observations:

Evidence of high water flow.



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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: 3.5 m (0 to 100m)

Weather:

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

If 'Other', please specify:

Last rainfall:

- ☐ Raining now ☒ Last 24hrs ☐ Last 3 days ☐ Last 7 days ☐ More than a week ago

18mm stopped 3 hrs 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: