

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: 22/10/19 11.30am

Please record your data below:

Parameter	Reading	Comments
Air Temperature	14 °C	
Water Temperature	15.8 °C	
Turbidity	12.5 NTU	
pH	6.6 Unit	
Conductivity	4560 µS / cm	
Dissolved Oxygen	8.5 mg / L	% Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	$\begin{array}{r} 0.25 \\ \times \\ 0.326 \\ \hline = 0.08 \end{array}$ mg / L	High!
Ammonium	0.02 mg / L	
Nitrate	N/A. mg / L	

Observations and Notes:

What has changed since last time you monitored? — nothing much.

What stands out about the site today? No rubbish downstream

Other observations: silver poplar leafy.



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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 cm (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 ^{3mm} ☒ Last 7 days ^{17mm} ☐ 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:



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