

Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code:

ME-YMR 119

Site description:

Merril Creek Northcote, (Melodrome)

Name of monitoring group

Persons monitoring:

Jack, Chetana, Hoa, Ying

Date and time of monitoring:

Please record your data below:

Parameter	Reading	Comments
Air Temperature	23.5 °C	
Water Temperature	24.7 °C	
Turbidity	9 NTU	
pH	7.8 Unit	
Conductivity	730 / 25 °C μS / cm	730 EC at 25 °C
Dissolved Oxygen	5 mg / L	65 % Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	0.125 mg / L	
Ammonium	0.5 mg / L	
Nitrate	_____ mg / L	

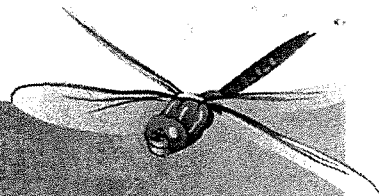
Observations and Notes:

What has changed since last time you monitored?

What stands out about the site today? Dam built up of deposited gravel/silt

Other observations:

low flow, clear
low riffle area bubbling in
low D.O than expected



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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: 35 cm (0 to 3000cm)

Waterway width: 900 cm (0 to 100m)

d/s of site

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

Litter / Pollutants:

- ☐ Cans ☐ Paper ☐ Clothing ☐ Oil (m²)
☐ Food Packets ☐ Plastic ☐ Polystyrene ☐ Car bodies
☐ Waxed Cardboard ☐ Bottles ☐ Petrol/Diesel (m²) ☒ Other

If 'Other', please specify:

broken chair