

Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code: ME-YMRI19

Site description: MERRI CREEK @ N'COTE GOLF COURSE

Name of monitoring group

Persons monitoring: EVELYN, HELEN, TONI

Date and time of monitoring: 25/01 10:00

Please record your data below:

Parameter	Reading	Comments
Air Temperature	22 °C	
Water Temperature	18.5 °C	
Turbidity	< 51 NTU	
pH	< 7.4 Unit	
Conductivity	< 490 µS / cm	
Dissolved Oxygen	8 mg / L	90 % Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.325 to calculate mg/L)	0.10 - 0.15 mg / L	
Ammonium	0.02 < 0.04 mg / L	
Nitrate	mg / L	

Observations and Notes:

What has changed since last time you monitored?

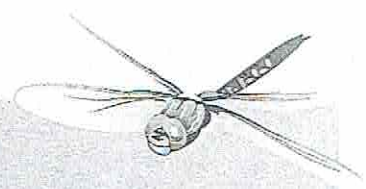
Colour, (dust from previous storm).

What stands out about the site today?

Colour,

Other observations:

Turbidity, Sediment in our sample water



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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 (wss) ☐ Scummy
☐ Oily ☐ Discoloured ☒ Milky ☒ Stained brown ☐ Other

If 'Other', please specify:

Waterway depth: 30 + cm (0 to 3000cm)

Waterway width: 7000 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 ☐ 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: