

Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code:

YMR118

Site description:

Merri Creek at Ceres - East Brunswick

Name of monitoring group

Persons monitoring:

Green Army + Volunteers (WW train day)

Date and time of monitoring:

08/03/18 11:30am

Please record your data below:

Parameter	Reading	Comments
Air Temperature	27 °C	
Water Temperature	(20.8) (21.7) (20.8) (22.3) °C (21.2) (22.2)	
Turbidity	11 NTU	(21.8)
pH	8.1 Unit	
Conductivity	1900 µS / cm	
Dissolved Oxygen	— mg / L	% Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	0.03 0.12 0.15 mg / L	
Ammonium	— mg / L	
Nitrate	— mg / L	

Observations and Notes:

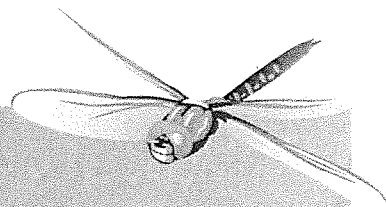
What has changed since last time you monitored?

1st session

What stands out about the site today?

Other observations:

↓
foam on water (small spots)



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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: 15 cm (0 to 3000cm)

Waterway width: 10 cm (0 to 100m)

Weather:

- ☒ Sunny *hot* ☐ 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:

quite clear.