



Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code: YDA558
 Site description: Dog Ford

Name of monitoring group

Persons monitoring: Peter Grenfell + Thurs. crew
 Date and time of monitoring: 2/12/21. 10am

Please record your data below:

Parameter	Reading	Comments
Air Temperature	27.5 28.1 25.9 29.1 °C	
Water Temperature	22.5 22.3 22.7 23.1 °C	
Turbidity	10 10 10 12 NTU	
pH	6.9 7.0 7.3 8.0 Unit	
Conductivity	627 596 596 618 S / cm	
Dissolved Oxygen	8.0 mg / L	98 % Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	0.06 0.04 0.03 mg / L	
Ammonium	0.04 mg / L	
Nitrate	mg / L	

Observations and Notes:

What has changed since last time you monitored?

Further scouring of banks on u/s outside bend. (pic)

What stands out about the site today? A new drop-off (mini-waterfall) immediately d/s (pic)

Other observations:

Creek up after overnight storm (11mm rain)



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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: *A bit turbid after o/n rain.*

Waterway depth: 20 cm (0 to 3000cm)

Waterway width: 10m 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

(11mm on rain gauge)

Litter / Pollutants:

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

If 'Other', please specify:

Little litter visible.