

Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code: **YGR 020**
 Site description: **The Landing**
 Name of monitoring group: **BLSAC**
 Persons monitoring: **Su D, John Shartridge, Xavier Thornton**
 Date and time of monitoring: **6-4-2024. + 5 Deakin Univ guests**

Please record your data below:

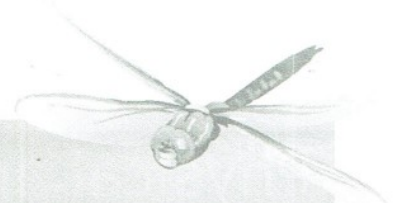
Parameter	Reading	Comments
Air Temperature	18 °C	
Water Temperature	16 °C	
Turbidity	48 NTU	
pH	6.8 Unit	
Conductivity	151 µS / cm	
Dissolved Oxygen	1.1 mg / L	15 % Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	0.07 mg / L	
Ammonium	0.1 mg / L	
Nitrate	mg / L	

Observations and Notes:

What has changed since last time you monitored? **Flood water receding, a lot of debris in water from the banks, erosion worsening.**

What stands out about the site today? **Water depth lower than expected, although height on railing higher than normal**

Other observations: **Very soft, silty feel to the bottom of the water with our depth measurer, and lots of submerged. Small branches had been washed into the lake + soil**



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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:** 700 cm (0 to 3000cm) *normally about 900cm*
Waterway width: _____ m (0 to 100m) *bottom silted up?*

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

75 mm

Litter / Pollutants (record no.):

floods 5 days ago

- | | | | |
|-----------------------|--------------------------|---------------------------------|---|
| <u>2</u> Cans | Paper | Clothing | Oil (m ²) |
| <u>3</u> Food Packets | <u>2</u> Plastic bottles | Polystyrene x2 | Car bodies |
| ___ Waxed Cardboard | <u>2</u> Bottles Cap | Petrol/Diesel (m ²) | <input checked="" type="checkbox"/> Other (specify) |

2 lolly wrappers.

fishing? string tied to railing