

## Physical and Chemical Analysis Data Form

### Waterwatch Melbourne Physical and Chemical Analysis

**Monitoring site details**

Site code:

YGR 023

Site description:

Heron Pt

**Name of monitoring group**

Persons monitoring:

Sn D. Xavier, Jacki

Date and time of monitoring:

12.00

2/6/2024

**Please record your data below:**

| Parameter   | Reading   | Unit    | Comments     |
|---|-----------|---------|--------------|
| Air Temperature   | 10        | °C      |              |
| Water Temperature   | 12.0 (EC) | °C      |              |
| Turbidity   | 35        | NTU     |              |
| pH  | 6.7       | Unit    |              |
| Conductivity  | 242       | µS / cm |              |
| Dissolved Oxygen  | 5.5       | mg / L  | % Saturation |
| Phosphate<br><small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small> | no chems. | mg / L  |              |
| Ammonium  | 0.07      | mg / L  |              |
| Nitrate   |           | mg / L  |              |

**Observations and Notes:**

What has changed since last time you monitored?

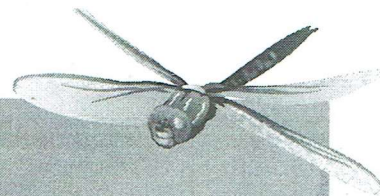
Poplars totally bare.

What stands out about the site today?

Bamboo along dam wall.

Other observations:

Black ducks, cool dusky moorhens x4



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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: 1400 cm (0 to 3000cm)

Waterway width: \_\_\_\_\_ m (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

*4mm*

#### Litter / Pollutants (record no.):

- |                     |   |   |                           |
|---------------------|---|---|---------------------------|
| ___ Cans            | <input checked="" type="checkbox"/> Paper | ___ Clothing                                    | ___ Oil (m <sup>2</sup> ) |
| ___ Food Packets    | ___ Plastic                               | <input checked="" type="checkbox"/> Polystyrene | ___ Car bodies            |
| ___ Waxed Cardboard | <i>Plastic key</i><br>___ Bottles         | ___ Petrol/Diesel (m <sup>2</sup> )             | ___ Other (specify)       |