

## 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: John Sr. Xavier Thornton, SurD.

Date and time of monitoring: 2nd March 2024, 11:20am

**Please record your data below:**

| Parameter   | Reading                                       | Comments               |
|---|---|------------------------|
| Air Temperature   | 17 °C   |                        |
| Water Temperature   | 20 °C   |                        |
| Turbidity   | 41 NTU  |                        |
| pH  | 6.7 Unit                                      |                        |
| Conductivity  | 228 µS / cm                                   |                        |
| Dissolved Oxygen  | 1.9 <del>0.14</del> 2.9 <sup>2nd</sup> mg / L | 22% - a 82% Saturation |
| Phosphate<br><small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small> | 0.14 mg / L                                   |                        |
| Ammonium  | 0.0 mg / L                                    |                        |
| Nitrate   | mg / L  |                        |

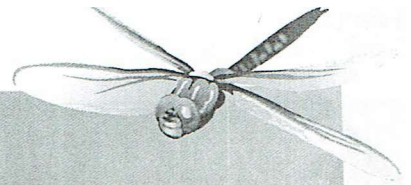
**Observations and Notes:**

What has changed since last time you monitored?

What stands out about the site today?

Other observations: Not much rubbish -

& Black Ducks, 2 Coots, 1 Chestnut Teal → YGR020



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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:

*Wind driven upstream*

**Type of flow:**

- Rising     Steady     Falling     Peak     Dry     Pools / Puddles     Other

If 'Other', please specify:

*Wind driven*

**Waterway Appearance:**

- Clear     Muddy     Smelly     Frothy     Scummy  
 Oily     Discoloured     Milky     Stained brown     Other

If 'Other', please specify:

Waterway depth: \_\_\_\_\_ cm (0 to 3000cm)

Waterway width: \_\_\_\_\_ m (0 to 100m)

**Weather:**

- Sunny     Cloudy     Overcast     Showers     Rain  
 Hail     Windy     Foggy     Other

If 'Other', please specify:

*Blustery wind*

**Last rainfall:**

- Raining now     Last 24hrs     Last 3 days     Last 7 days     More than a week ago

*none since Jan 19<sup>th</sup>*

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

- |                       |                  |                                     |   |
|-----------------------|------------------|-------------------------------------|---|
| ___ Cans              | <u>2</u> Paper   | ___ Clothing                        | ___ Oil (m <sup>2</sup> )                           |
| <u>2</u> Food Packets | <u>3</u> Plastic | <u>1</u> Polystyrene                | ___ Car bodies                                      |
| ___ Waxed Cardboard   | ___ Bottles      | ___ Petrol/Diesel (m <sup>2</sup> ) | <input checked="" type="checkbox"/> Other (specify) |

*tissues x 2 -*