



## Physical and Chemical Analysis Data Form

### Waterwatch Melbourne Physical and Chemical Analysis

#### Monitoring site details

Site code: *YGR 023*

Site description: *Heron Point*

#### Name of monitoring group

Persons monitoring: *JS, KB, WY, LD, Todd, AP*

Date and time of monitoring: *2/10/22 10:50am*

#### Please record your data below:

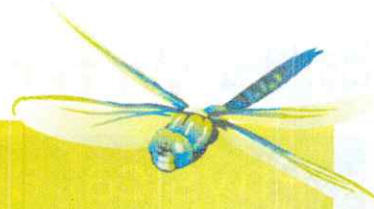
Parameter	Reading	Comments
Air Temperature	12 °C	
Water Temperature	15 °C	
Turbidity	33 NTU	
pH	7.3 Unit	
Conductivity	183 µS / cm	
Dissolved Oxygen	7.1 mg / L	% Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	mg / L	
Ammonium	0.0 mg / L	
Nitrate	mg / L	

#### Observations and Notes:

What has changed since last time you monitored?

What stands out about the site today? *Poplars in leaf*

Other observations: *Spotted Pardalote 2 PB ducks*



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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:** 750<sup>1500</sup> 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

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

- |                     |             |                                     |                           |
|---------------------|-------------|-------------------------------------|---------------------------|
| ___ Cans            | ___ Paper   | ___ Clothing                        | ___ Oil (m <sup>2</sup> ) |
| ___ Food Packets    | ___ Plastic | ___ Polystyrene                     | ___ Car bodies            |
| ___ Waxed Cardboard | ___ Bottles | ___ Petrol/Diesel (m <sup>2</sup> ) | ___ Other (specify)       |





## Habitat Data Form

### Observation Information

#### Monitoring site details

Site code: YGR 023

Site description: Heron Point

#### Name of monitoring group

Persons monitoring: JS, EB, WY, LD, Todd, <sup>Kean</sup> AP

Date and time of monitoring: 2/10/22 10.50 am

### Habitat Assessment

Bank vegetation:	<u>6</u>	(0-10)
Verge vegetation:	<u>8</u>	(0-10)
In-stream cover:	<u>6</u>	(0-10)
Bank erosion and stability:	<u>3</u>	(0-5)
Riffles, pools and bends:	<u>3</u>	(0-5)
<b>Final Habitat Score:</b>	<u>26</u>	(Add your scores)

Score	Definition
Excellent (36-40)	Site in natural or virtually natural condition; excellent habitat condition.
Good (29-35)	Some alteration from natural state; good habitat conditions.
Fair (20-28)	Significant alteration from the natural state but still offering moderate habitat; stable.
Poor (12-19)	Significant alterations from the natural state, with reduced habitat value; may have erosion or sedimentation problems.
Degraded (8-11)	Very degraded, often with severe erosion or sedimentation problems.

#### Bugs

Caddis larvae 2  
 Shrimp 10+  
 Damselfly nymph 1  
 Backswimmer 1  
 Boatman 30+  
 Watermite 1