



## Physical and Chemical Analysis Data Form

### Waterwatch Melbourne Physical and Chemical Analysis

#### Monitoring site details

Site code: *YGR006*

Site description: *Pottlebong & Billabong Bridge*

#### Name of monitoring group

Persons monitoring: *John Shortridge, Anne Payne, Elaine Boucher, Nira Yan, Lizzie O*

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

*Todd Keay*

#### Please record your data below:

Parameter	Reading	Comments
Air Temperature	14° °C	
Water Temperature	13° °C	
Turbidity	38 NTU	
pH	7.1 Unit	
Conductivity	544 µS / cm	
Dissolved Oxygen	2.4 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?

*Rubbish from recent rains*

What stands out about the site today?

Other observations:

*Out of phosphate reagent.*



# Physical and Chemical Analysis Data Form

## 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)

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.):

- |                          |                  |   |  |
|--------------------------|------------------|---|--|
| <u>  </u> Cans           | <u>  </u> Paper  | <u>  </u> Clothing                        | <u>  </u> Oil (m <sup>2</sup> )          |
| <u>2</u> Food Packets    | <u>2</u> Plastic | <u>1</u> Polystyrene                      | <u>  </u> Car bodies                     |
| <u>1</u> Waxed Cardboard | <u>1</u> Bottles | <u>  </u> Petrol/Diesel (m <sup>2</sup> ) | <u>1</u> Other (specify)<br><i>cloth</i> |



## Habitat Data Form

### Observation Information

#### Monitoring site details

Site code: YGR 006

Site description: Billabong Bridge

#### Name of monitoring group

Persons monitoring: JS AP EB WY LD, Todd Keay

Date and time of monitoring: 2/10/22 10.10 am

### Habitat Assessment

Bank vegetation:	<u>8</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>30</u>	(Add your scores)

Score	Definition
Excellent (36-40)	Site in natural or virtually natural condition; excellent habitat condition.
<u>Good (29-35)</u>	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     1  
Beetles             4