

## Physical and Chemical Analysis Data Form

### Waterwatch Melbourne Physical and Chemical Analysis

#### Monitoring site details

Site code: YGR D20

Site description: The Landing

#### Name of monitoring group

Persons monitoring: JS, EB, WY, LD, Todd Keay

Date and time of monitoring: 2/10/22 10:30 am

#### Please record your data below:

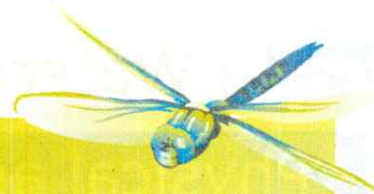
Parameter	Reading	Comments
Air Temperature	13 °C	
Water Temperature	15 °C	
Turbidity	35 NTU	
pH	7.3 Unit	
Conductivity	199 µS / cm	
Dissolved Oxygen	4.3 mg / L	% Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	mg / L	
Ammonium	0.0 mg / L	
Nitrate	mg / L	

#### Observations and Notes:

What has changed since last time you monitored? Water looks very muddy

What stands out about the site today? No water birds

Other observations: Lots of other bird activity



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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 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)       |