

## Physical and Chemical Analysis Data Form

### Waterwatch Melbourne Physical and Chemical Analysis

#### Monitoring site details

Site code: *ymr118*

Site description: *Merri Creek at CERES*

#### Name of monitoring group

Persons monitoring: *Luisa Macmillan*

Date and time of monitoring: *19/6/18 1:10pm*

#### Please record your data below:

Parameter	Reading	Comments
Air Temperature	° C	
Water Temperature	° C	
Turbidity <i>with Tube</i>	<i>500</i> NTU	<i>High flow, but water level less than 18/6</i>
pH	Unit	
Conductivity	µ S / cm	
Dissolved Oxygen	mg / L	% Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	mg / L	
Ammonium	mg / L	
Nitrate	mg / L	

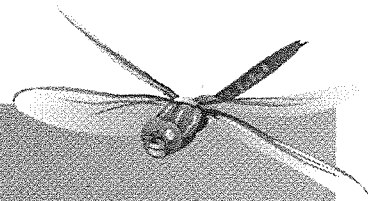
#### Observations and Notes:

What has changed since last time you monitored?

*Water level is slightly lower, though velocity still high*  
*- standing waves in creek*

What stands out about the site today?

Other observations:



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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:** \_\_\_\_\_ cm (0 to 3000cm)

**Waterway width:** \_\_\_\_\_ cm (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:

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

If 'Other', please specify: