

## Physical and Chemical Analysis Data Form

### Waterwatch Melbourne Physical and Chemical Analysis

#### Monitoring site details

Site code: *YMR118*

Site description: *Mern Creek at Northcote / East Brunswick*

#### Name of monitoring group

Persons monitoring: *Y12 Quack*

Date and time of monitoring: *10-11:30am, 17 March 2018*

#### Please record your data below:

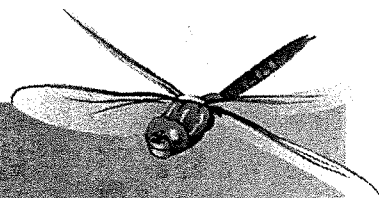
Parameter	Reading	Comments
Air Temperature	<i>31.1, 30.7</i> °C	
Water Temperature	<i>23.7, 24.2, 23.8, 24.0</i> °C	
Turbidity	<i>&lt;9</i> NTU	
pH	<i>8.8</i> Unit	
Conductivity	<i>1690, 1690</i> µS / cm	
Dissolved Oxygen	<i>4</i> mg / L	% Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	<i>0.25</i> mg / L	
Ammonium	<i>0.02</i> mg / L	
<del>Nitrate</del>	mg / L	

#### Observations and Notes:

What has changed since last time you monitored?

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: 0.4m cm (0 to 3000cm)

Waterway width: 6m 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: