

## Physical and Chemical Analysis Data Form

### Waterwatch Melbourne Physical and Chemical Analysis

#### Monitoring site details

Site code: ME-YDA 436

Site description: drain side

#### Name of monitoring group

Persons monitoring: Patrick, Anna, Peter

Date and time of monitoring: 10:15 AM 6/10/19

#### Please record your data below:

Parameter	Reading	Comments
Air Temperature	24.1 °C	
Water Temperature	16.6 °C	
Turbidity	< 9 NTU	
pH calibrated ✓	7.7 - 7.9 Unit	
Conductivity	1220 µS / cm	
Dissolved Oxygen	(6.9) 7 mg / L	72 % Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	0.01 mg / L	
Ammonium	0.0 mg / L	
Nitrate	mg / L	

#### Observations and Notes:

What has changed since last time you monitored?

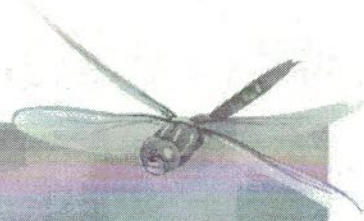
Water level low. Much warmer temperatures.

What stands out about the site today?

Lots of weeds. Onion weed, Oxalis, Wandering Jew

Other observations:

Rained 2x last week, but very little



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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: usual cm (0 to 3000cm)

Waterway width: 11 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: