

## Physical and Chemical Analysis Data Form

### Waterwatch Melbourne Physical and Chemical Analysis

#### Monitoring site details

Site code: ME\_YDA436

Site description: Stormwater Drain Sample

#### Name of monitoring group

Persons monitoring: Julia, Kostas, Wendy, Peter, Alana, Alisa, Anna, Patrick

Date and time of monitoring: 24/2/19 10:45 AM

#### Please record your data below:

Parameter	Reading	Comments
Air Temperature	°C	
Water Temperature	20.0 °C	
Turbidity	9 NTU	
pH	7.6 Unit	
Conductivity	830 µS / cm	
Dissolved Oxygen	7.0 mg / L	80 % Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	0.08 mg / L	
Ammonium	0.02 mg / L	
Nitrate	_____ mg / L	

#### Observations and Notes:

What has changed since last time you monitored?

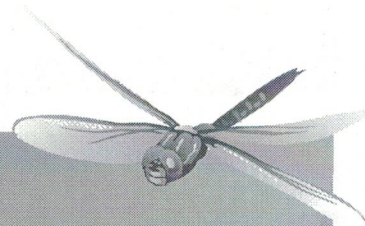
What stands out about the site today?

Slow flow rate, aquatic plants visible, some bubbles/detergent present

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: +35 cm (0 to 3000cm)

Waterway width: +150 cm (0 to 100m)

(very shallow)  
(1.5 m)

#### 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:

Metal parts