



## Physical and Chemical Analysis Data Form

### Waterwatch Melbourne Physical and Chemical Analysis

#### Monitoring site details

Site code: ETN 600

Site description: Tanti Creek Mornington Site#2 Stones Crossing

#### Name of monitoring group

Persons monitoring: Martin Lenard + Ann Robb

Date and time of monitoring: 15.8.2019 11.45 am

Please record your data below:

Parameter	Reading	Comments
Air Temperature	16 °C	
Water Temperature	12.2 °C	
Turbidity	34.7 NTU	
pH	6.9 <del>6.9</del> Unit	
Conductivity	2100 µS / cm	
Dissolved Oxygen	6.4 mg / L	% Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	137ppm x .326 = .12 mg / L	
Ammonium	0.15 mg / L	
Nitrate	mg / L	

#### Observations and Notes:

What has changed since last time you monitored? No change evident

What stands out about the site today? wet

Other observations: ~~Minimal rubbish~~ Multiple plastic  
Extensive oxalis + kikuyu





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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 *slightly*    ☐ Smelly    ☐ Frothy    ☐ Scummy  
☐ Oily    ☐ Discoloured    ☐ Milky    ☐ Stained brown    ☐ Other

If 'Other', please specify:

cloudy

Waterway depth: 40 cm (0 to 3000cm)

Waterway width: 2 m ~~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 *2 mm*    ☐ 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: