



# 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: 22/7/19 11.25

24/7/19 1.15 pm  
Special sample to  
check P levels

### Please record your data below:

Parameter	Reading	Comments
Air Temperature	13.5 °C	12.6
Water Temperature	13.0 <del>13.5</del> °C	12.1
Turbidity	22.52 NTU	122.8
pH	6.84 Unit	6.6
Conductivity	4230. µS / cm	1496
Dissolved Oxygen	7.6 mg / L	N/A <del>% Saturation</del>
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	0.22 ppm $\times 0.326 = 0.07$ mg / L	0.9 ppm $\times 0.326 =$
Ammonium	0.02 mg / L	N/A
Nitrate	N/A mg / L	N/A

### Observations and Notes:

10mm rain in last  
24 hrs.

What has changed since last time you monitored?

Nothing

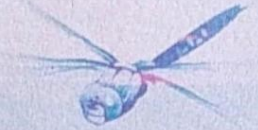
What stands out about the site today?

Abundant oxalis on both downstream banks

Other observations:

Water scummy downstream.





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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:

cloudy

Waterway depth: 30 cm (0 to 3000cm)

Waterway width: 2 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 <sup>3mm</sup>    ☐ 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:

Clean up along creek done a week or so ago.