



## 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

Date and time of monitoring: 31/1/20 12:40

#### Please record your data below:

| Parameter  | Reading                                  | Comments     |
|--|--|--------------|
| Air Temperature  | 31 °C                                    |              |
| Water Temperature  | 21.2 °C                                  |              |
| Turbidity  | 6.3 FAU NTU                              |              |
| pH   | 6.6 Unit                                 |              |
| Conductivity   | 5900 µS / cm                             |              |
| Dissolved Oxygen   | 7.1 ppm mg / L                           | % Saturation |
| 12.56 Phosphate<br>(If using Lamotte Smart2<br>Colorimeter multiply by 0.326<br>to calculate mg/L) | 0.23 ppm<br>$\times 0.326 = 0.08$ mg / L | still high   |
| 13.11 Ammonium   | 0.0 mg / L                               |              |
| Nitrate  | mg / L                                   |              |

#### Observations and Notes:

What has changed since last time you monitored?

Amount of algae in creek diminished after recent heavy rain. Algae also gone quite brownish.

What stands out about the site today?

Clearer water and little snails.

Other observations:

Kikuyu on east bank prolific  
No fish observed.





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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: 30 cm (0 to 3000cm)

Waterway width: 2 m (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

77mm torrential

#### 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:

None - cleared during working bee 28/1/20.