



## Physical and Chemical Analysis Data Form

### Waterwatch Melbourne Physical and Chemical Analysis

#### Monitoring site details

Site code: ETN 900

Site description: Tanti Creek Mornington Estuary Site 1

#### Name of monitoring group

Persons monitoring: Martin Lenard

Date and time of monitoring: 26/12/19 13:50

Please record your data below: /

Parameter	Reading	Comments
Air Temperature	24 °C	
Water Temperature	18.1 °C	
Turbidity	6.44 FNU	
pH	8.2 Unit	
Conductivity	6260 µS / cm	
Dissolved Oxygen	9.4 mg / L	% Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	0.23 ppm $\times 0.326 = 0.08$ mg / L	
Ammonium	- 0.02 mg / L	
Nitrate	- N/A mg / L	

#### Observations and Notes:

What has changed since last time you monitored?

All died out

What stands out about the site today?

Huge amount of sheeted + stringer light to dark green algae both on surface + in water column

Other observations:

Numerous galaxid fingerlings.





## Physical and Chemical Analysis Data Form

### 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:

Water is clear but creek is full of algae

Waterway depth: 40 cm (0 to 3000cm)

Waterway width: 1.5 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

#### 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: