



# PHYSICAL AND CHEMICAL ANALYSIS

## Waterwatch Melbourne Physical and Chemical Analysis

### Monitoring site details

Site code: **ME-ETA** **TARAGO RIVER @ ROBIN HOOD RESERVE**  
Site description: **FISHER ROAD. DROUIN WEST**

### Name of monitoring group

Persons monitoring: **JEFF SMYTHE**

Date and time of monitoring: **THURSDAY 30/11/2017 11<sup>00</sup>am.**

### Please record your data below:

Parameter	Result	Units	Comments
Air Temperature	21	°C	
Water Temperature	26	°C	
Turbidity	15	NTU	
pH	7.4	Units	
Conductivity	290	µS/cm	
Dissolved Oxygen		mg / L	% Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	0.07	mg / L	
Ammonium		mg / L	
Nitrate		mg / L	

### Observations and Notes:

What has changed since last time you monitored?  
**WATER TEMPERATURE OF 26° IS THE HIGHEST EVER RECORDED**

What stands out about the site today?  
**RIVER IS LOW BUT LOOKS A BIT DIRTY.  
BIG EUROPEAN CARP SPOTTED IN RIVER THIS WEEK.**

Other observations:



### 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: 12 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 (record no.):

- |                     |             |                                     |                           |
|---------------------|-------------|-------------------------------------|---------------------------|
| ___ Cans            | ___ Paper   | ___ Clothing                        | ___ Oil (m <sup>2</sup> ) |
| ___ Food Packets    | ___ Plastic | ___ Polystyrene                     | ___ Car bodies            |
| ___ Waxed Cardboard | ___ Bottles | ___ Petrol/Diesel (m <sup>2</sup> ) | ___ Other (specify)       |

