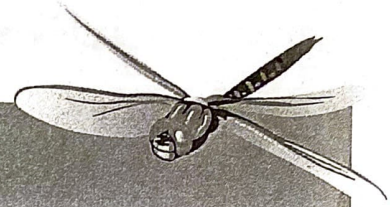


# Waterwatch Program



## Physical and Chemical Analysis Data Form

### Waterwatch Melbourne Physical and Chemical Analysis

#### Monitoring site details

Site code: RESERVOIR FROGS

Site description: Edgars Creek, south of wetlands and Leamington St bridge, north of Edward's Lake.

#### Name of monitoring group

Persons monitoring: Terry, Kate, Nam, Jiradett

Date and time of monitoring: 13/3/22

#### Please record your data below:

| Parameter   | Reading                  | Comments        |
|---|--------------------------|-----------------|
| Air Temperature   | 25.6 °C                  | 25.3 (BOM)      |
| Water Temperature   | 18.7 °C                  |                 |
| Turbidity   | 30 NTU                   |                 |
| pH  | 7.0 Unit                 |                 |
| Conductivity  | 640 µS / cm              |                 |
| Dissolved Oxygen  | 6 mg / L                 | 65 % Saturation |
| Phosphate<br><small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small> | .07 - .10 mg / L         |                 |
| Ammonium  | .10 mg / L               |                 |
| Nitrate   | <u>          </u> mg / L |                 |

#### Observations and Notes:

What has changed since last time you monitored?

Not much change

What stands out about the site today?

Higher water level

Other observations:

## 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:

*Normal - brown*

- Clear
- Muddy
- Smelly
- Frothy
- Scummy
- Oily
- Discoloured
- Milky
- Stained brown
- Other

If 'Other', please specify:

Waterway depth:      cm (0 to 3000cm)

Waterway width: 5.4 cm (0 to 100m) - per iPhone 'measure' app

#### 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: