

## Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

### Monitoring site details

Site code: **YGR 006**

Site description:

### Name of monitoring group

Persons monitoring: **Anne P, Elaine B, John Sh - SuD.**

Date and time of monitoring: **3/6/2018 10.**

Please record your data below:

*Chem only.*

Parameter	Reading	Comments
Air Temperature	8 (11?) °C	Thermometers not
Water Temperature	5.2 8/11 °C	reading the same 2 places
Turbidity	29 NTU	
pH	6.5 Unit	
Conductivity	135 µS/cm	
Dissolved Oxygen	* NOT DONE - La Motte <del>not</del> Darling % Saturation	
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	0.16 x 0.326 = 0.052	
Ammonium	0 mg/L	
Nitrate	- mg/L	

### Observations and Notes:

What has changed since last time you monitored?

*Water entering flowing at Yegemite Ck - no litter, no colour. \**

What stands out about the site today?

*Cumbrage dying down*

*\* La Motte NOT TURNING ON!*

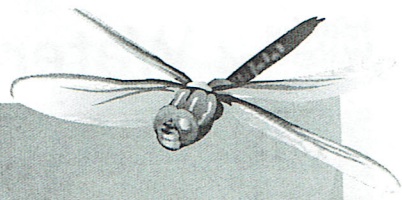
*No D.O. readings done*

*NB Battery replaced. further tests done*

Other observations:

*Aust. Grebe. Plensy of bush birds no other water birds.*

*Swimming 10-12 m underwater!*



## Physical and Chemical Analysis Data Form

### Waterway Information

#### Rate of flow:

- Very fast
- None
- Fast
- Permanent
- Normal base flow
- Temporary
- Slow
- Other
- Trickle

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: 1500 cm (0 to 3000cm)

Waterway width: \_\_\_\_\_ m (0 to 100m)

#### Weather:

- Sunny
- Cloudy
- Overcast
- Showers
- Rain
- Hail
- Windy
- Foggy
- Other

If 'Other', please specify:

*Very Cold.*

#### Last rainfall:

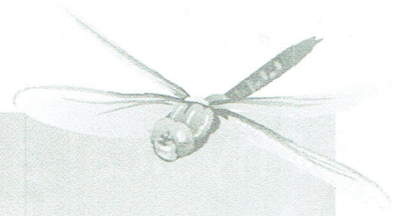
- Raining now
- Last 24hrs
- Last 3 days
- Last 7 days
- More than a week ago

*704mm.*

#### Litter / Pollutants (record no.):

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

*1098 bottles bubblewrap.*



## Physical and Chemical Analysis Data Form

### Waterwatch Melbourne Physical and Chemical Analysis

**Monitoring site details**

Site code:

YGR 023

Site description:

**Name of monitoring group**

Persons monitoring:

Su D, AP, EB, J Sh.

Date and time of monitoring:

3/6/2018

**Please record your data below:**

Parameter	Reading	Comments
Air Temperature	11 °C	
Water Temperature	11 °C	
Turbidity	<del>24</del> 14 FTU	
pH	<del>6.5</del> 6.5 Unit	
Conductivity	116 µS / cm	
Dissolved Oxygen	* Not Done - Lamotte Not Working	% Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	0.01 x 0.326 = 0.003 mg / L	
Ammonium	0.0 mg / L	
Nitrate	mg / L	

**Observations and Notes:**

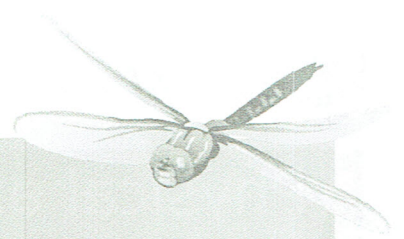
What has changed since last time you monitored?

What stands out about the site today?

Strong ripples on water towards dam wall  
Lots of small feathers on lake

Other observations:

Papyrus have, one down along dam wall.



## 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:

*Wind driven towards dam wall.*

#### Type of flow:

- Rising       Steady       Falling       Peak       Dry       Pools / Puddles       Other

If 'Other', please specify:

*Strong Wind Ripples -*

#### Waterway Appearance:

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

If 'Other', please specify:

Waterway depth: 1500+ cm (0 to 3000cm)

Waterway width: \_\_\_\_\_ m (0 to 100m)

#### Weather:

- Sunny       Cloudy       Overcast       Showers       Rain  
 Hail       Windy       Foggy       Other

If 'Other', please specify:

*Cold!*

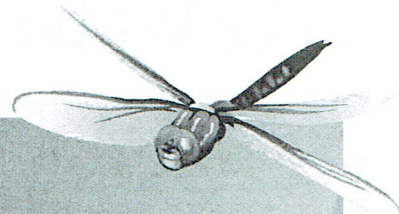
#### Last rainfall:

- Raining now       Last 24hrs       Last 3 days       Last 7 days       More than a week ago

*7.4 mm*

#### 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)       |



## Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

### Monitoring site details

Site code: **YG12 020**

Site description:

### Name of monitoring group

Persons monitoring:

Date and time of monitoring: **3-6-2018** **10:15**

Please record your data below:

*No La Motte for DO.*

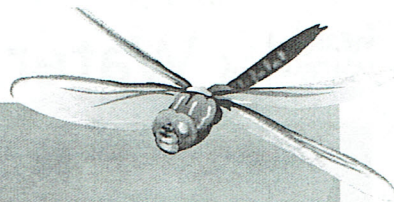
Parameter	Reading	Comments
Air Temperature	<b>8 (M) °C</b>	
Water Temperature	<b>12.5 °C</b>	
Turbidity	<b>13 FTU <del>NTU</del></b>	
pH	<b>6.5 Unit</b>	
Conductivity	<b>120 µS / cm</b>	
Dissolved Oxygen	<b>Not done mg / L</b>	<i>La Motte no % saturation</i>
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	<b>0.09 x 0.326 = 0.029 mg / L</b>	
Ammonium	<b>0.07 mg / L</b>	
Nitrate	<b>- mg / L</b>	

### Observations and Notes:

What has changed since last time you monitored?

What stands out about the site today?

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:

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

If 'Other', please specify:

Waterway depth: 1100 cm (0 to 3000cm)

Waterway width: \_\_\_\_\_ m (0 to 100m)

#### Weather:

- Sunny       Cloudy       Overcast       Showers       Rain  
 Hail       Windy       Foggy       Other

If 'Other', please specify:

Cold!

#### Last rainfall:

- Raining now       Last 24hrs       Last 3 days       Last 7 days       More than a week ago

704 mm

#### Litter / Pollutants (record no.):

- \_\_\_ Cans      \_\_\_ Paper      \_\_\_ Clothing      \_\_\_ Oil (m<sup>2</sup>)  
11 Food Packets lolly.      \_\_\_ Plastic      \_\_\_ Polystyrene      \_\_\_ Car bodies  
 \_\_\_ Waxed Cardboard      2x Bottles      \_\_\_ Petrol/Diesel (m<sup>2</sup>)       Other (specify)

balloon -

2x glass bottles.

x blackfoam tube (bike handlebars?)  
x seat belt webbing.  
x cigarette butts x 2