

## Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

**Monitoring site details**

Site code: 006

Site description:

**Name of monitoring group**

Persons monitoring: Sud EB AP John Sh. Tom C.

Date and time of monitoring: 6-8-2017 10 AM

Please record your data below: La Motte

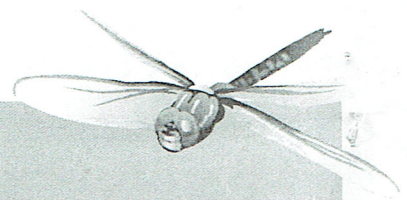
Parameter	Reading	Unit	Comments
Air Temperature	<u>10.6</u>	°C	
Water Temperature	<u>12.1</u>	°C	
Turbidity	<u>43</u>	NTU	
pH	<u>7</u>	Unit	
Conductivity	<u>280</u>	µS / cm	
Dissolved Oxygen	<u>Visicolab / LM 4.5</u>	mg / L	<u>58%</u> <u>44%</u> % Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	<u>0</u>	mg / L	
Ammonium	<u>Visicolab</u>	mg / L	<u>.04</u>
Nitrate		mg / L	

**Observations and Notes:**

What has changed since last time you monitored? Cumbungi completely died down.

What stands out about the site today? Litter

Other observations: Rubbish numbers increased.  
No water birds 2 Wood ducks 2-PB duck  
But the lorikeets & kookaburra evident.



## 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: 950 cm (0 to 3000cm)

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

**Weather:**

- Sunny       Cloudy       Overcast       Showers       Rain  
 Hail       Windy       Foggy       Other

If 'Other', please specify:

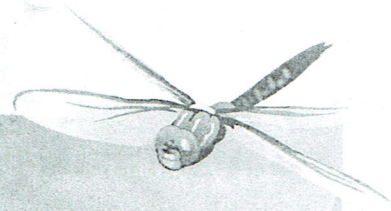
**Last rainfall:**

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

*7mm 2 days ago*

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

- |   |   |   |                           |
|---|---|---|---------------------------|
| ___ Cans  | ___ Paper   | ___ Clothing  | ___ Oil (m <sup>2</sup> ) |
| ___ Food Packets                                    | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Plastic | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Polystyrene | ___ Car bodies            |
| <input checked="" type="checkbox"/> 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: **020**

Site description:

**Name of monitoring group**

Persons monitoring:

Date and time of monitoring: **5-8-2017 10 AM.**

Please record your data below:

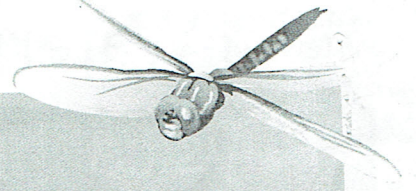
Parameter	Reading	Comments
Air Temperature	<b>10</b> °C	
Water Temperature	<b>11.8</b> °C	
Turbidity	<b>18</b> NTU	
pH	<b>6.7</b> Unit	
Conductivity	<b>170</b> µS / cm	
Dissolved Oxygen	<b>6 / 8.3</b> mg / L	<b>55 70</b> % Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	<b>0.0</b> mg / L	
Ammonium	<b>0.07</b> mg / L	
Nitrate	mg / L	

**Observations and Notes:**

What has changed since last time you monitored?

What stands out about the site today?

Other observations: **Small bank erosion under ~~bank~~ landing evident (recent) 2 P/b ducks.**



## 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: 900 cm (0 to 3000cm)

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

**Weather:**

- Sunny     Cloudy     Overcast     Showers     Rain  
 Hail     Windy     Foggy     Other

If 'Other', please specify:

**Last rainfall:**

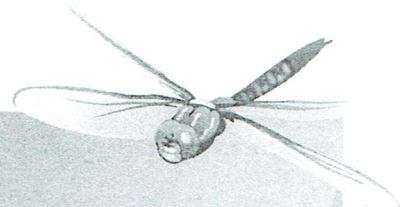
- Raining now     Last 24hrs     Last 3 days     Last 7 days     More than a week ago

*Timor 2 days 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)       |

*Timber  
plastic, paper, etc on bank*



## Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

### Monitoring site details

Site code: *YGR 023*

Site description: *Heron Pt*

### Name of monitoring group

Persons monitoring:

Date and time of monitoring: *5-8-2017 10.30*

Please record your data below:

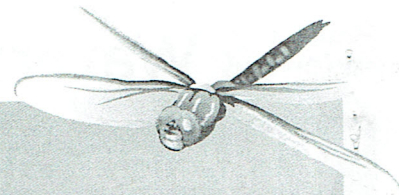
Parameter	Reading	Unit	Comments
Air Temperature	<i>10°</i>	° C	
Water Temperature	<i>11.9</i>	° C	
Turbidity	<i>19</i>	NTU	
pH	<i>6.7</i>	Unit	
Conductivity	<i>160</i>	µ S / cm	
Dissolved Oxygen	<i>9 / 9.4</i>	mg / L	<i>86% 87%</i> % Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	<i>0.2</i>	mg / L	
Ammonium	<i>0.00</i>	mg / L	
Nitrate		mg / L	

### Observations and Notes:

What has changed since last time you monitored? *Poplars bare, small amount of corky regrowth*

What stands out about the site today? *windy, gusty - wind driven wave*

Other observations: *little grebe - no other water birds. Silver Wattles in full bloom.*



## 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:

*Wind driven*

#### Waterway Appearance:

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

If 'Other', please specify:

Waterway depth: 1400 cm (0 to 3000cm)

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

#### Weather:

- Sunny     Cloudy     Overcast     Showers     Rain  
 Hail     Windy     Foggy     Other

If 'Other', please specify:

*v. light showers*

#### Last rainfall:

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

*7m in 2 days 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)       |

*Litter in bush - NOT in W. Ways*