



## Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

**Monitoring site details**

Site code: YG006

Site description: Pobblebonk Point

Name of monitoring group: BLS Water Watch

Persons monitoring: Su Dempsey John Shortridge Elaine Boucher

Date and time of monitoring: 17.12.2017 9.50am

Please record your data below:

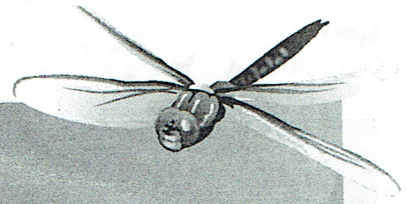
Parameter	Reading	Comments
Air Temperature	25° °C	
Water Temperature	22° °C	
Turbidity	54 NTU	
pH	6.3 PR / 6.8 CAP Unit	
Conductivity	200 EC µS / cm	
Dissolved Oxygen	2.8 <del>0.1</del> % mg / L	33 % Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	0.03 mg / L	
Ammonium	0.0 mg / L	
Nitrate	mg / L	

**Observations and Notes:**

What has changed since last time you monitored? 2 events of flood rain - more than 1 week ago; caused a lot of damage to bank vegetation, brought down lots of floating rubbish.

What stands out about the site today? Water looks very discoloured, scummy, lots of floating material.

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:

*Wind-driven movement*

#### Waterway Appearance:

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

If 'Other', please specify:

Waterway depth: 1200 cm (0 to 3000cm)

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

#### Weather:

- Sunny     Cloudy     Overcast     Showers     Rain  
 Hail     Windy     Foggy     Other

If 'Other', please specify:

*breezy*

#### Last rainfall:

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

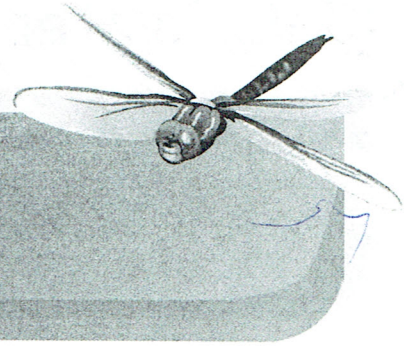
*Flood rain - 2 events*

*+ 123 mm 1-4<sup>th</sup> Dec  
61 mm 8<sup>th</sup> Dec*

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

- \_\_\_ Cans    \_\_\_ Paper    2 Clothing    \_\_\_ Oil (m<sup>2</sup>)  
 \_\_\_ Food Packets    3 Plastic cups    1 Polystyrene    \_\_\_ Car bodies  
 \_\_\_ Waxed Cardboard    1 Bottles    \_\_\_ Petrol/Diesel (m<sup>2</sup>)     Other (specify)

*lots of plant debris, reeds, mulch.*



## Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

**Monitoring site details**

Site code: *YG 020*

Site description: *The landing*

Name of monitoring group: *BWS Water Watch*

Persons monitoring: *Su Dempsey John Shortridge Elaine Boucher*

Date and time of monitoring: *17.12.2017 10.35am*

**Please record your data below:**

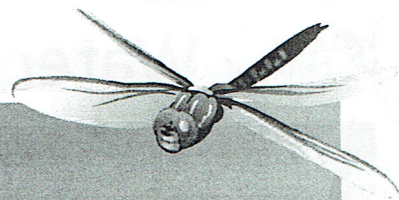
Parameter	Reading	Unit	Comments
Air Temperature	<i>25-3</i>	° C	
Water Temperature	<i>21</i>	° C	
Turbidity	<i>43</i>	NTU	
pH	<i>7.0</i>	Unit	
Conductivity	<i>200</i>	µ S / cm	
Dissolved Oxygen	<i>8.2</i>	mg / L	% Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	<i>0.05</i>	mg / L	
Ammonium	<i>0.0</i>	mg / L	
Nitrate		mg / L	

**Observations and Notes:**

What has changed since last time you monitored? *Floating debris after floods.*

What stands out about the site today? *Floating reed + branch debris. Water very discoloured.*

Other observations: *Oily scum below Friends Bridge - + bridge rails broken + out sticks + in lake.*



## 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 flow*

#### 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:

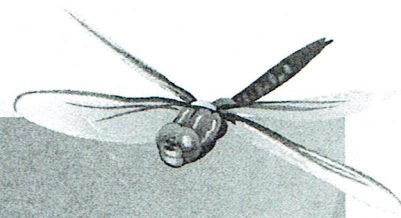
- Raining now     Last 24hrs     Last 3 days     Last 7 days     More than a week ago

*123mm 1-4<sup>th</sup> Dec  
+ 61mm 8<sup>th</sup> Dec*

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

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

*5 Pacific black ducks, 2 coots*



## Physical and Chemical Analysis Data Form

### Waterwatch Melbourne Physical and Chemical Analysis

#### Monitoring site details

Site code: *YG 023*

Site description: *Heron Point*

Name of monitoring group: *BLS Water Watch*

Persons monitoring: *Su Dempsey John Shortridge Elaine Boucher*

Date and time of monitoring: *17.12.2017 11.10am*

#### Please record your data below:

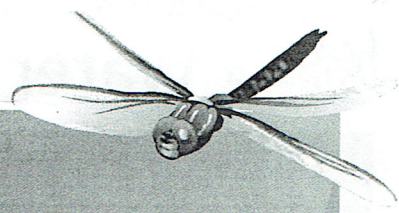
Parameter	Reading	Comments
Air Temperature	<i>24.2</i> ° C	
Water Temperature	<i>23</i> ° C	
Turbidity	<i>47</i> NTU	
pH	<i>7.0</i> Unit	
Conductivity	<i>190</i> µ S / cm	
Dissolved Oxygen	<i>6.8</i> mg / L	% Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	<i>0.0</i> mg / L	
Ammonium	<i>0.0</i> mg / L	
Nitrate	mg / L	

#### Observations and Notes:

What has changed since last time you monitored? *Signs of flooding on banks but no debris or rubbish.*

What stands out about the site today? *No debris here, very little rubbish.*

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:

*Wind driven*

#### 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:

#### Last rainfall:

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

*123mm 1-4<sup>th</sup> Dec  
+ 61mm 8<sup>th</sup> Dec*

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

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