

## Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

### Monitoring site details

Site code: 006  
Site description: Pobblebonk Point.

Name of monitoring group: BLS.

Persons monitoring: Tom Carafield, Elaine Bouda, S Dempsey

Date and time of monitoring: Anne Payne 9.45am. 7.5.17

Please record your data below: La Motte

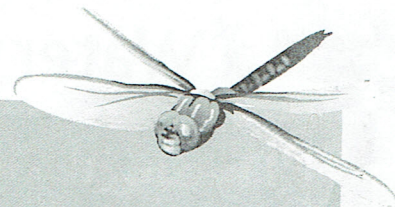
Parameter	Reading	Unit	Comments
Air Temperature	12.5	°C	
Water Temperature	12°	°C	
Turbidity	21	NTU	
pH	6.7	Unit	
Conductivity	27270	µS / cm	
Dissolved Oxygen	5.9	mg / L	% Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	0.0	mg / L	Excellent! Unusual!! Rechecked!
Ammonium	0-3	mg / L	Visual colour
Nitrate		mg / L	

### Observations and Notes:

What has changed since last time you monitored? Water clearer in appearance, no odour.

What stands out about the site today?  
Water level high, has been over the platform

Other observations:  
Not much litter visible, (No water birds this area but plenty caught in reeds)



## 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:

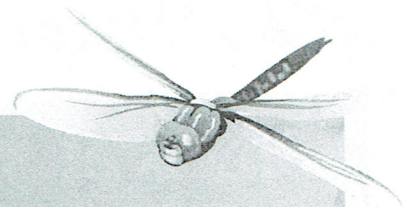
#### Last rainfall:

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

5mm

#### 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: 020  
 Site description: Theading

### Name of monitoring group

Persons monitoring: E.B., T.C., S.D., A.P.  
 Date and time of monitoring: 7.5.17

Please record your data below:

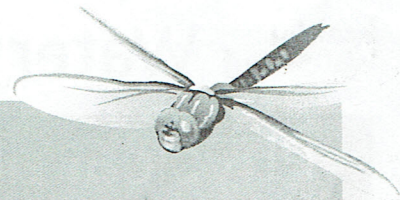
Parameter	Reading	Comments
Air Temperature	<u>12.5</u> °C	
Water Temperature	<u>12</u> °C	
Turbidity	<u>27</u> NTU	
pH	<u>6.3</u> Unit	
Conductivity	<u>160</u> µS / cm	
Dissolved Oxygen	<u>5.1</u> mg / L	% Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	$(0.12 \times 0.326)$	<u>0.039</u> <u>Fail</u>
Ammonium	<u>0.1 x 2</u> mg / L	<u>Diluted 1:1</u> <u>Reading hard to pick</u>
Nitrate	mg / L	

### Observations and Notes:

What has changed since last time you monitored? Water level higher  
Bank shows further erosion

What stands out about the site today?  
2 Pacific black ducks 1 Coot 1 Dusky moorhen

Other observations:  
Lots of rainbow lorikeets - very active



## 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: *little actual flow*

**Waterway Appearance:**

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

If 'Other', please specify:

Waterway depth: 700 cm (0 to 3000cm)

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

**Weather:**

- Sunny     Cloudy     Overcast     Showers     Rain  
 Hail     Windy     Foggy     Other

If 'Other', please specify: *Sunny breaks*

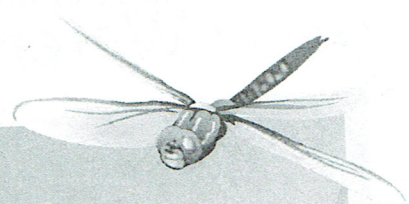
**Last rainfall:**

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

*5mm*

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

- |                     |   |                                     |                           |
|---------------------|---|-------------------------------------|---------------------------|
| ___ Cans            | ___ Paper                                   | ___ Clothing                        | ___ Oil (m <sup>2</sup> ) |
| ___ Food Packets    | <input checked="" type="checkbox"/> Plastic | ___ Polystyrene                     | ___ Car bodies            |
| ___ Waxed Cardboard | <input checked="" type="checkbox"/> 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: 023  
 Site description: Heron Point

### Name of monitoring group

Persons monitoring: E.B. S.D. T.C. Z. AP.  
 Date and time of monitoring: 7.5.17

Please record your data below:

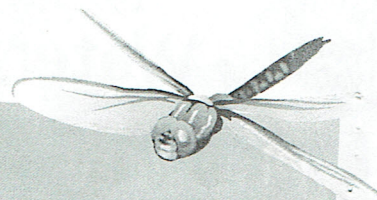
Parameter	Reading	Unit	Comments
Air Temperature	13.0	°C	
Water Temperature	12	°C	
Turbidity	25	NTU	
pH	6.5	Unit	
Conductivity	160	µS / cm	
Dissolved Oxygen	4.1	mg / L	% Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	0.26 x 0.326	mg / L	0.084 Degraded
Ammonium	0.3	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:



## 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: 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:

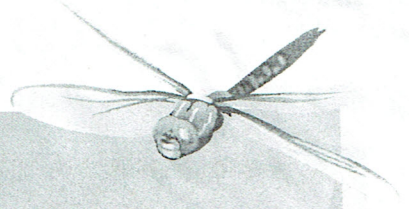
**Last rainfall:**

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

5 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: 006

Site description: Pobblebank Point

#### Name of monitoring group

Persons monitoring: Thomas, Elaine, Su, Anne

Date and time of monitoring: 2.4.17 9.50am

#### Please record your data below:

La Motte

Parameter	Reading	Comments
Air Temperature	16.2 °C	
Water Temperature	14.5 °C	
Turbidity	16 FTU NTU	
pH	6.7 Unit	
Conductivity	180 µS/cm	
Dissolved Oxygen	1.5 - 2.3 mg/L	150% 23% % Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	0.01 x 0.326 mg/L	
Ammonium	visicolour * 0.4 mg/L	
Nitrate	mg/L	

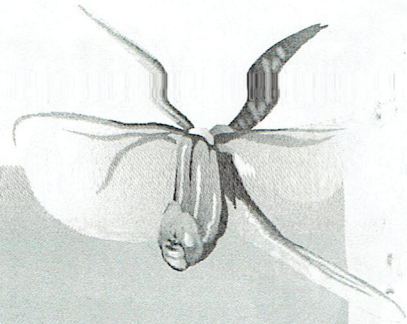
#### Observations and Notes:

What has changed since last time you monitored? Slight improvement in water appearance but still not the usual colour.

What stands out about the site today? Huge growth in cumbungi, etc. No water birds, Lots of Magpies.

Other observations: Litter evident since MW did a clean up on Wed. 2 Pacific black ducks.

\* EC!



## Physical and Chemical Analysis Data Form

Waterway Name: \_\_\_\_\_

### Waterway Appearance:

- |                                |   |                                 |  |                                 |
|--------------------------------|---|---------------------------------|--|---------------------------------|
| <input type="checkbox"/> Clear | <input type="checkbox"/> Muddy                  | <input type="checkbox"/> Smelly | <input type="checkbox"/> Frothy        | <input type="checkbox"/> Scummy |
| <input type="checkbox"/> Oily  | <input checked="" type="checkbox"/> Discoloured | <input type="checkbox"/> Milky  | <input type="checkbox"/> Stained brown | <input type="checkbox"/> Other  |

If 'Other', please specify:

Slightly smelly      Bubbly      Dark brown      Not as bubbly as last session.

Waterway depth: 1 m cm (0 to 3000cm)

Waterway width:        m (0 to 100m)

### Weather:

- |                                |  |                                   |                                  |                               |
|--------------------------------|--|-----------------------------------|----------------------------------|-------------------------------|
| <input type="checkbox"/> Sunny | <input checked="" type="checkbox"/> Cloudy | <input type="checkbox"/> Overcast | <input type="checkbox"/> Showers | <input type="checkbox"/> Rain |
| <input type="checkbox"/> Hail  | <input checked="" type="checkbox"/> Windy  | <input type="checkbox"/> Foggy    | <input type="checkbox"/> Other   |                               |

If 'Other', please specify:

Some sun!

### Last rainfall:

- |                                      |                                     |   |                                      |   |
|--------------------------------------|-------------------------------------|---|--------------------------------------|---|
| <input type="checkbox"/> Raining now | <input type="checkbox"/> Last 24hrs | <input checked="" type="checkbox"/> Last 3 days | <input type="checkbox"/> Last 7 days | <input type="checkbox"/> More than a week ago |
|--------------------------------------|-------------------------------------|---|--------------------------------------|---|

10 mm ~~mm~~ 19 mm

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

- |  |   |  |  |
|--|---|--|--|
| <input type="checkbox"/> Cans            | <input type="checkbox"/> Paper              | <input type="checkbox"/> Clothing                        | <input type="checkbox"/> Oil (m <sup>2</sup> ) |
| <input type="checkbox"/> Food Packets    | <input checked="" type="checkbox"/> Plastic | <input checked="" type="checkbox"/> Polystyrene          | <input type="checkbox"/> Car bodies            |
| <input type="checkbox"/> Waxed Cardboard | <input checked="" type="checkbox"/> Bottles | <input type="checkbox"/> Petrol/Diesel (m <sup>2</sup> ) | <input type="checkbox"/> Other (specify)       |

plastic ball.

Ring EPA 1300 372 842 - Bob.