

## Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

### Monitoring site details

Site code:

YGR 006

Site description:

Pobblebank R.

### Name of monitoring group

Persons monitoring:

Su, Elaine, Ana, Alfonso & Stephanie Stanford (visitor)

Date and time of monitoring:

2-6-2019 10.AM

### Please record your data below:

Parameter	Reading	Unit	Comments
Air Temperature	11	°C	
Water Temperature	12	°C	
Turbidity	38	NTU	
pH	6.8	Unit	
Conductivity	231	µS / cm	@13.0 PC TestR 35
Dissolved Oxygen	3.8	mg / L	35 % Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	0.0326 0.033	mg / L	0 reading on site water not warmed. 0.033 mg/l when water warmed to 25°C
Ammonium	0.02	mg / L	at 25°C
Nitrate		mg / L	

### Observations and Notes:

What has changed since last time you monitored?

Cumbungi flattened completely opposite Vegemite Creek & Reeds by heavy rainfall & water entering from stormwater system.

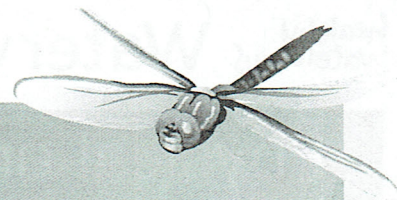
What stands out about the site today?

Cumbungi almost died off. Some clumps of reeds uprooted and washed up against log over creek.

Other observations:

3 Dusky Moorhens, 2 P. B ducks, 1 Coot

lots of litter.



## 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:

*Debris & litter floating*

Waterway depth: 1100 <sup>mm</sup> ~~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:**

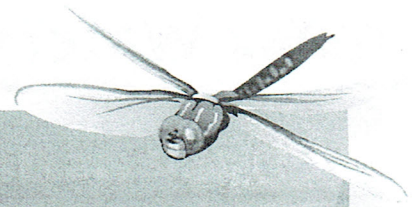
- Raining now     Last 24hrs     Last 3 days     Last 7 days     More than a week ago

*33 mms.*

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

- |                       |                    |                                       |                             |
|-----------------------|--------------------|---------------------------------------|-----------------------------|
| <u>111</u> Cans       | _____ Paper        | _____ Clothing                        | _____ Oil (m <sup>2</sup> ) |
| _____ Food Packets    | <u>1</u> Plastic   | <u>111</u> Polystyrene                | _____ Car bodies            |
| _____ Waxed Cardboard | <u>111</u> Bottles | _____ Petrol/Diesel (m <sup>2</sup> ) | _____ Other (specify)       |

*many fragments of polystyrene*



## Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

### Monitoring site details

Site code: YQR 020  
 Site description: The Landing

### Name of monitoring group

Persons monitoring: Elaine, Su, Anne, Stephen, Alfordina  
 Date and time of monitoring: 2.6.2019 11am

### Please record your data below:

Parameter	Reading	Unit	Comments
Air Temperature	12.7	°C	
Water Temperature	11	°C	
Turbidity	31	NTU	
pH	7	Unit	
Conductivity	132	µS / cm	E/C
Dissolved Oxygen	5.8	mg / L	54% Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	0.08 x 0.326 = 0.026	mg / L	0 reading on site water got warmed 0.026 mg/L at 26°C
Ammonium	0.04	mg / L	at 25°C
Nitrate		mg / L	

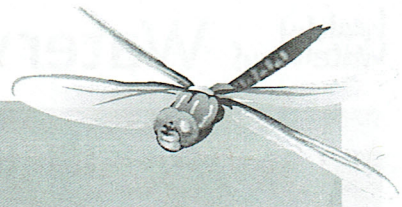
### Observations and Notes:

What has changed since last time you monitored?

What stands out about the site today? lots of birds. Rainbow bikers everywhere

Other observations: Giraffitt on bird info sign  
 3 Coots, p. ducks,

PC Test 35



## 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: 800 <sup>mm</sup>/<sub>cm</sub> (0 to 3000cm)

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

#### Weather:

- Sunny     Cloudy     Overcast     Showers     Rain  
 Hail     Windy     Foggy     Other

If 'Other', please specify:

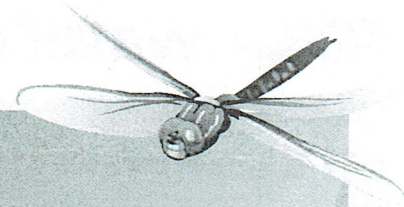
#### Last rainfall:

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

#### 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)       |

1 plastic cup  
1 coffee cup



## Physical and Chemical Analysis Data Form

### Waterwatch Melbourne Physical and Chemical Analysis

#### Monitoring site details

Site code:

YQR 023

Site description:

Heron Pt.

#### Name of monitoring group

Persons monitoring:

Su, Anna, Elaine, Stephanie Stanford (visitors)  
Alfoncina Restrepo.

Date and time of monitoring:

2.6.2019  
11:30 am.

#### Please record your data below:

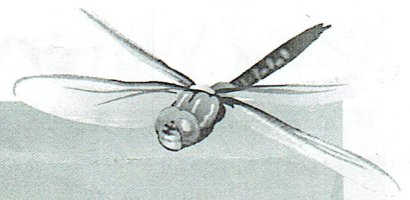
Parameter	Reading	Comments
Air Temperature	12.7 °C	
Water Temperature	11 °C	
Turbidity	24 NTU	
pH	6.6 Unit	
Conductivity	125 µS / cm	
Dissolved Oxygen	7.1 mg / L	66 % Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	0.09 x 0.326 = 0.029 mg/L at 26°C.	0 reading on site 0.029 mg/L @ 26°C when water warmed
Ammonium	0.04 mg / L	at 25°C
Nitrate	mg / L	

#### Observations and Notes:

What has changed since last time you monitored? Autumn leaf drop

What stands out about the site today? Poplars almost bare

Other observations: a few ducks in distance  
lots of birds calling



## 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 + 500 <sup>mm</sup> (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  
33mm.

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

- |                     |                |                                     |                           |
|---------------------|----------------|-------------------------------------|---------------------------|
| ___ Cans            | <u>1</u> Paper | ___ Clothing                        | ___ Oil (m <sup>2</sup> ) |
| ___ Food Packets    | ___ Plastic    | <u>1</u> Polystyrene                | ___ Car bodies            |
| ___ Waxed Cardboard | ___ Bottles    | ___ Petrol/Diesel (m <sup>2</sup> ) | ___ Other (specify)       |