

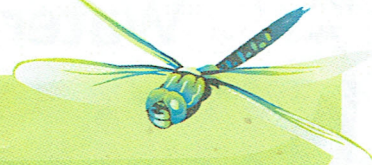
Pobokbonk - 06

1 caddis
1 diving beetle
mosquito fish

4/3/18
C.O.A.D.



Waterwatch Program



Macro-invertebrates data form

Monitoring Group Information - 023 Duck Point + Heron Point

Monitoring site details

Site code:

Site description:

Name of monitoring group

Persons monitoring:

Date and time of monitoring:

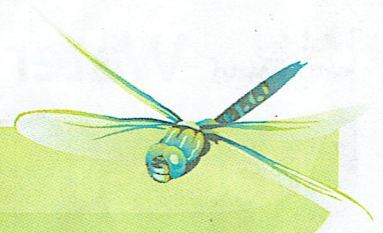
Macro-invertebrates

Sample Type

Edge Riffle

Please record your data below:

Common Name	Order	Bug Score	Abundance
Very Sensitive Macro-invertebrates			
Stonefly Nymph	Plecoptera	8	-
Mayfly Nymph	Ephemeroptera	7	8 * 6
Caddisfly Nymph	Trichoptera	7	8 8
Very Sensitive Macro-invertebrates			
Toebiters/Dobsonflies	Megaloptera	6	-
Damselfly Nymph	Odonata	6	
Dragonfly Nymph	Odonata	6	
Freshwater Mussel	Class: Bivalvia	5	
Aquatic Caterpillars	Lepidoptera	5	
Freshwater Shrimp/Prawn	Decapoda	5	10 + 2 + 5
Freshwater Yabby/Crayfish	Decapoda	5	3
Water Mite	Acarina	5	
Freshwater Slater	Isopoda	5	



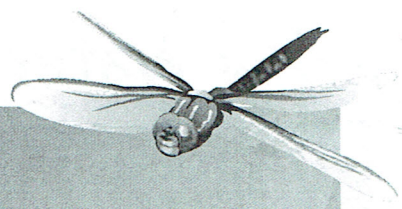
Macro-invertebrates data form

Common Name	Order	Bug Score	Abundance
Tolerant Macro-invertebrates			
Hydra	Hydrozoa	4	
Beetle Larvae	Coleoptera	4	
True Bugs (Backswimmers, Water Boatman, Water Strider)	Hemiptera	4	50+
Side Swimmer/Scud	Amphipoda	4	
Aquatic Beetles (Diving Beetles, Whirligig Beetles)	Coleoptera	3	#
Round Worms	Nematoda	3	
Leech	Hirudinea	3	
Freshwater Snails	Gastropoda	3	
Flatworm	Turbellaria	3	
Very Tolerant Macro-invertebrates			
Mosquito Larvae	Diptera	2	
Biting Midge Larvae	Diptera	2	
Fly Larvae	Diptera	2	
Segmented Worm	Oligochaeta	1	
Non Biting Midge (Bloodworms)	Diptera	1	1
	TOTALS		

Overall Bug Rating

Very good
 Good
 Fair
 Poor

Total Abundance	200+	Fair	Very Good
	0-200	Poor	Good
		0-35	Total Bug Score 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:

only surface ripples

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

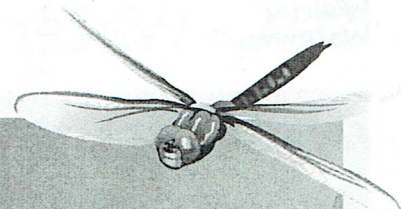
If 'Other', please specify:

Last rainfall:

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

Litter / Pollutants (record no.):

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



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:

Sue D, EB Tracey, JS.

Date and time of monitoring:

3/3/18 10-55.

Please record your data below:

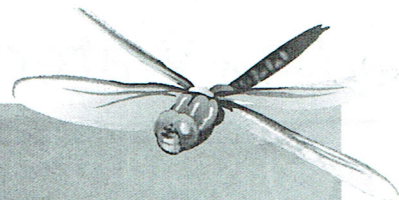
Parameter	Reading	Comments
Air Temperature	25 °C	
Water Temperature	25.1 °C	
Turbidity	38 NTU	
pH	7.1 Unit	
Conductivity	160 µS / cm	
Dissolved Oxygen	6.0 mg / L	76 % Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	0.05 mg / L	
Ammonium	0.0 mg / L	
Nitrate	mg / L	

Observations and Notes:

What has changed since last time you monitored? *Very clean.*

What stands out about the site today? *Clean, a little pollen scum*

Other observations: *4 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:

Very still

Waterway Appearance:

- Clear Muddy Smelly Frothy *Pollen* 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

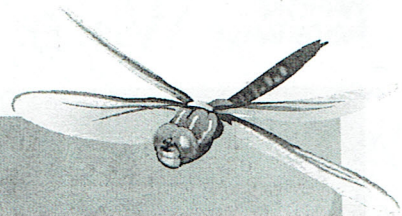
If 'Other', please specify:

Last rainfall:

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

Litter / Pollutants (record no.):

- 2 Cans _____ Paper _____ Clothing _____ Oil (m²)
 _____ Food Packets *coffee cup!* _____ Plastic _____ Polystyrene _____ Car bodies
 _____ Waxed Cardboard _____ Bottles _____ Petrol/Diesel (m²) _____ Other (specify)



Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code: *YGR 020*

Site description:

Name of monitoring group

Persons monitoring: *Su.D. EB, Tina JS*

Date and time of monitoring: *3/3/18 10 AM 10-30am*

Please record your data below:

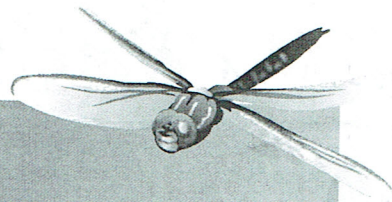
Parameter	Reading	Comments
Air Temperature	<i>21 °C</i>	
Water Temperature	<i>23.9 °C</i>	
Turbidity	<i>35 NTU</i>	
pH	<i>6.9 Unit</i>	
Conductivity	<i>170 µS / cm</i>	
Dissolved Oxygen	<i>4.7 mg / L</i>	<i>57 % Saturation</i>
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	<i>0.00 mg / L</i>	
Ammonium	<i>0.0 mg / L</i>	
Nitrate	<i>mg / L</i>	

Observations and Notes:

What has changed since last time you monitored? *Not much litter*

What stands out about the site today? *Some oily scum + floating pollen*

Other observations: *White faced heron, Eur. coot 2, Dusky moor hens, P.B. ducks 3, dragonflies, lots of mosquito fish*



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:

Very still.

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:

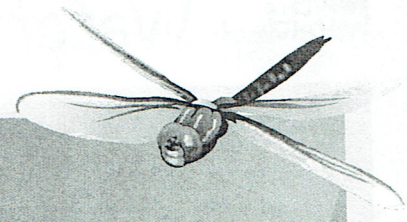
- Raining now Last 24hrs Last 3 days Last 7 days More than a week ago

Litter / Pollutants (record no.):

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

Looks as if Melb. Water has done a clean-up.

tennis ball



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: *Anna, SuD, E.B., JS*
 Date and time of monitoring: *3/3/18 10 am*

Please record your data below:

Parameter	Reading	Comments
Air Temperature	20 19 °C	
Water Temperature	22.2 °C	
Turbidity	32 NTU	
pH	6.8 Unit	
Conductivity	220 µS / cm	
Dissolved Oxygen	1.5 mg / L	18 % Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	0.04 mg / L	
Ammonium	0.0 mg / L	
Nitrate	mg / L	

Observations and Notes:

What has changed since last time you monitored? *1*

What stands out about the site today? *Very clean, almost no visible litter.*

Other observations: *3 Pac. Black Ducks*