



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	
Side Swimmer/Scud	Amphipoda	4	
Aquatic Beetles (Diving Beetles, Whirligig Beetles)	Coleoptera	3	
Round Worms	Nematoda	3	
Leech	Hirudinea	3	
Freshwater Snails	Gastropoda	3	10.
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	
	TOTALS	15.	16.

Overall Bug Rating

Very good
 Good
 Fair
 Poor

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



Macro-invertebrates data form

Monitoring Group Information

Monitoring site details

Site code: **YDA 558**
 Site description: **Dog Ford**

Name of monitoring group

Persons monitoring: **Peter G, Allison, Conan**
 Date and time of monitoring: **10.30am on 24/11/22**

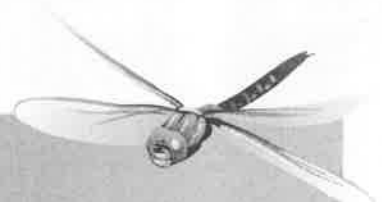
Macro-invertebrates

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	
Caddisfly Nymph	Trichoptera	7	3
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 Crab	5	3 3+
Freshwater Yabby/Crayfish	Decapoda	5	
Water Mite	Acarina	5	
Freshwater Slater	Isopoda	5	



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: 30 cm (0 to 3000cm)

Waterway width: 10m cm (0 to 100m)

Weather:

- Sunny Cloudy Overcast Showers Rain
 Hail Windy Foggy Other

If 'Other', please specify:

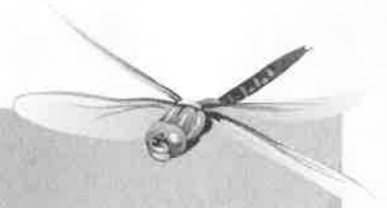
Last rainfall:

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

Litter / Pollutants:

- Cans Paper Clothing Oil (m²)
 Food Packets Plastic Polystyrene Car bodies
 Waxed Cardboard Bottles Petrol/Diesel (m²) Other

If 'Other', please specify:



Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code: YDA 558
 Site description: Dog Ford.

Name of monitoring group

Persons monitoring: Peter G. Allison, Conan, Lucy.

Date and time of monitoring: 9.20. on 24/11/22.

⊗ Need
new pH
buffer solution.

Please record your data below:

Parameter	Reading	Comments
Air Temperature	15.4 °C	
Water Temperature	15.2 °C	
Turbidity	45 NTU	
pH	8.7* Unit	issues w/ calibration
Conductivity	678 µS / cm	
Dissolved Oxygen	7.5 mg / L	80 % Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	0.17 mg / L	
Ammonium	0.2 mg / L	
Nitrate	mg / L	

Observations and Notes:

What has changed since last time you monitored?

More erosion on across from site, some deposition

What stands out about the site today?

up crossing stones.

Other observations:

Water unusually turbid, fast flowing