



Macro-invertebrates data form

Monitoring Group Information

Monitoring site details

Site code: YDA 419.
 Site description: Downstream of pipe outfall

Name of monitoring group

Persons monitoring: Peter Grenfell, Latrobe Uni students,
 Navap Rangers
 Date and time of monitoring: 8/8/24 11am.

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	11
Mayfly Nymph	Ephemeroptera	7	
Caddisfly Nymph	Trichoptera	7	80.
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	1
Freshwater Yabby/Crayfish	Decapoda	5	9
Water Mite	Acarina	5	(actually one yabby and eight fw crabs)
Freshwater Slater	Isopoda	5	4.



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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	1
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	33.	106.

Overall Bug Rating

Very good
 Good
 Fair
 Poor

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