



Physical/Chemical Record Sheet



finished
add to data base
22/4/18

Group Name: Site code ME YMR178 Group size:

Person(s) conducting tests: JANE

Date of tests: 24/05/08 Time of tests:

Waterbody: Merri Ck @ Galada Tambore

Test	What it Measures	Results	Comments
Air Temperature	Temperature	8 °C	
Water Temperature	Temperature	12.4 °C	
Turbidity	Suspended Solids/Cloudiness	< 100 NTU	
pH	Acidity/Alkalinity	8.4	
Conductivity	Salinity/Salts	µS/cm	
D.O.	Dissolved Oxygen Concentration	Mg/L % sat	
Ammonium	Nutrient Levels	0 mg/L	
Phosphate	Nutrient Levels	0.25 mg/L	

Weather conditions at the time of sampling:

- Sunny
- Cloudy
- Overcast
- Raining
- Windy

Last Rainfall:

- < One Week
- > One Week
- During Last 24hrs
- Raining Now

Water Appearance:

- Clear
- Milky
- Foamy/Frothy
- Stained Green
- Other: _____
- Cloudy
- Oily
- Smelly
- Stained Brown
- Very Turbid/Muddy

Aquatic Macroinvertebrate Record Sheet

FAMILY (SIGNAL 2) - Cleared Hills & Coastal Plains

Date: 23/05/08 Group Name: _____ Group Size: _____
 Time: 2pm Site: Galada - Merri Ck

Invertebrate Family, Subfamily	Common Name	Pollution sensitivity grade	No of specimens	Weight factor	Grade x weight factor
Gripopterygidae	Stonefly Nymph	8			
Hydrobiosidae	Caddisfly Larvae	8			
Leptophlebiidae	Mayfly Nymph	8			
Calamoceratidae	Sleepingbag Caddisfly	7			
Conoesucidae	Caddisfly Larvae	7			
Dixidae	Dixid Midge	7			
Elmidae	Riffle Beetle	7			
Aeshnidae	Dragonfly Larvae	6			
Acarina	Water Mites	6			
Hydropsychidae	Net Spinning Caddisfly	6	1	1	6
Leptoceridae	Stick Caddisfly Larvae	6	17	4	24
Psephenidae	Water Penny	6			
Scirtidae	Marsh Beetles	6			
Baetidae	Mayfly Larvae	5	1	1	5
Hemicorduliidae	Dragonfly Larvae	5	1	1	5
Simuliidae	Blackfly Larvae	5			
Glacidorbidae	Freshwater Snail	5			
Hyriidae	Freshwater Mussel	5			
Caenidae	Mayfly Larva	4			
Ceratopogonidae	Biting Midge Larvae	4			
Dytiscidae	Predacious Diving Beetle	4			
Ecnomidae	Caddisfly Larvae	4			
Gyrinidae	Wirligig Beetle	4			
Hydrobiidae	Aquatic snail	4			
Hydroptilidae	Purse-case Caddisfly	4	7	3	12
Orthocladinae (Subfamily)	Midge Larvae	4			
Parastacidae	Yabby	4			
Protonuridae	Damselfly Larvae	4			
Tanypodinae (Subfamily)	Biting Midge Larvae	4			
Atyidae	Freshwater Shrimp	3			
Chironominae (Subfamily)	Biting Midge Larvae	3	18	4	12
Nepidae	Water Scorpion	3			
Pyrallidae	Aquatic Caterpillar	3			
Veliidae	Water Treader	3			
Planorbidae	Freshwater Snail (flattened)	3			
Ceinidae	Amphipod	3			
Coenagrionidae	Damselfly Larvae	2	25	5	10
Corixidae	Waterboatmen	2	3	2	4
Dugesidae	Flatworm	2			
Hydrophilidae	Scavenger Beetle	2			
Mesoveliidae	Water Strider	2			
Oligochaeta	Aquatic Worms	2	7	3	6
Lestidae	Damselfly	2			
Hirudinea	Leech	1			
Notonectidae	Backswimmers	1			
Physidae	Freshwater Snail	1	4	2	2
Totals				26	86

Weight Table	Number of Specimens	1 - 2	3 - 5	6 - 10	11 - 20	>20	Signal Score = Total of Grade x Weight Factor / Total of Weight Factor
	Weight Factor	1	2	3	4	5	

