



Physical/Chemical Record Sheet

filled in
database
22/1/18



FIXED

Name of monitoring group: MCNC Group size: _____

Person(s) conducting tests (QA/QC qualified): Greg

Date of tests: 27/1/08 Time of tests: 8:45 Site code: YMO 105

Site name: Moonee Ponds Creek @ Holbrook Reserve (site 3)

Test	What it Measures	Your Result	Comments
Air Temperature	Temperature	22 °C	
Water Temperature	Temperature	18.5 °C	
Turbidity	Suspended Solids/Cloudiness	<10 NTU	
pH	Acidity/Alkalinity	9.05	
Conductivity	Salinity/Salts	1218 µS/cm	
D.O.	Dissolved Oxygen Concentration	9 Mg/L	
		100 % sat	
Ammonium	Nutrient Levels	0 mg/L	
Phosphate	Nutrient Levels	0.05 mg/L	If using Lamotte Smart 2: 0.14 multiply by 0.326 = mg/l

Weather conditions at the time of sampling:
 Sunny Cloudy Overcast Raining Windy

Last Rainfall:
 Over One Week Last 3-5 days During Last 24hrs Raining Now rainfall mm _____

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

Rate of Flow:
 Very Fast Fast Normal base flow Slow Trickle None Other _____

Type of Flow
 Rising Falling Steady Peak Dry Pools/puddles Other _____

Waterway Depth (meas or est): _____

Waterway Width (meas or est): _____



Aquatic Macroinvertebrate Record Sheet



FAMILY (SIGNAL 2) - Cleared Hills & Coastal Plains

Date: _____ Group: _____
 Time: _____ Site: _____

Invertebrate Family, Subfamily	Common Name	Pollution sensitivity grade	No of specimens	Weight factor	Grade x weight factor	
Gripopterygidae	Stonefly Nymph	Very Sensitive	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	Sensitive	6			
Acarina	Water Mites		6			
Hydropsychidae	Net Spinning Caddisfly		6	1		
Leptoceridae	Stick Caddisfly Larvae		6	8		
Psephenidae	Water Penny		6			
Sciirtidae	Marsh Beetles		6			
Baetidae	Mayfly Larvae	Tolerant	5			
Hemicorduliidae	Dragonfly Larvae		5			
Simuliidae	Blackfly Larvae		5			
Glacidorbidae	Freshwater Snail		5			
Hydridae	Freshwater Mussel		5			
Tipulidae	Crane-fly Larvae		5			
Ancylidae	Freshwater Limpet		4			
Caenidae	Mayfly Larva		4			
Certatopogonidae	Biting Midge Larvae		4			
Dytiscidae	Predacious Diving Beetle		4			
Ecnomidae	Caddisfly Larvae		4			
Gyrinidae	Wirligig Beetle		4			
Hydrobiidae	Freshwater snail (dextral)		4			
Hydroptilidae	Purse-case Caddisfly		4			
Orthocladiinae	Midge Larvae		4			
Parastacidae	Yabby		4			
Protonuridae	Damselfly Larvae		4			
Tanyptodinae	Biting Midge Larvae		4			
Atyidae	Freshwater Shrimp		Very Tolerant	3		
Chironominae	Biting Midge Larvae			3	45	
Nepidae	Water Scorpion	3				
Pyralidae	Aquatic Caterpillar	3				
Veliidae	Water Treader	3				
Planorbidae	Freshwater Snail (flattened)	2				
Ceinae	Amphipod	2		22		
Coenagrionidae	Damselfly Larvae	2				
Corixidae	Waterboatmen	2		11		
Dugesidae	Flatworm	2				
Hydrophilidae	Scavenger Beetle	2				
Mesoveliidae	Water Strider	2				
Oligochaeta	Aquatic Worms	2		3		
Lestidae	Damselfly	2				
Stratiomyidae	Soldierfly Larvae	2				
Naucoridae	Creeping Water Bugs	2				
Isopoda	Isopods	2				
Culicidae	Mosquito Larvae	1				
Hirudinea	Leech	1				
Notonectidae	Backswimmers	1				
Physidae	Freshwater Snail (sinistral)	1	15			
Totals						