



Physical/Chemical Record Sheet



Name of monitoring group: <i>Edwardes Lake - Scout Hall</i>		Group size: <i>2</i>
Person(s) conducting tests (QA/QC qualified): <i>Julie Wright</i>		
Date of tests: <i>23.11.11</i>	Time of tests: <i>4.45pm</i>	Site code: <i>YED 070</i>
Site name: <i>Edwardes Park Lake creek (Edgars Creek)</i>		

Test	What it Measures	Your Result	Comments
Air Temperature	Temperature	<i>21.5</i> ✓ °C	
Water Temperature	Temperature	<i>21.1</i> ✓ °C	
Turbidity	Suspended Solids/Cloudiness	<i>14</i> ✓ NTU	
pH	Acidity/Alkalinity	<i>7.8</i> ✓	
Conductivity	Salinity/Salts	<i>24.5</i> μS/cm	<i>Very low!!</i>
D.O.	Dissolved Oxygen Concentration	<i>6</i> ✓ Mg/L % sat	
Ammonium	Nutrient Levels	<i>0.0</i> ✓ mg/L	
Phosphate	Nutrient Levels	<i>.12</i> ✓ mg/L	If using Lamotte Smart 2: multiply by 0.326 = <i>'</i> 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): *1.3 mtr*

Waterway Width (meas or est): *5mtrs.*



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	2			
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	1			
Acarina	Water Mites		6				
Hydropsychidae	Net Spinning Caddisfly		6				
Leptoceridae	Stick Caddisfly Larvae		6	2			
Psephenidae	Water Penny		6				
Scirtidae	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	Cranefly Larvae		5				
Ancylidae	Freshwater Limpet		4				
Caenidae	Mayfly Larva		4				
Ceratopogonidae	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				
Orthocladinae	Midge Larvae		4				
Parastacidae	Yabby		4				
Protonuridae	Damselfly Larvae		4				
Tanypodinae	Biting Midge Larvae		4				
Atyidae	Freshwater Shrimp		Very Tolerant	3			
Chironominae	Biting Midge Larvae			3			
Nepidae	Water Scorpion			3			
Pyralidae	Aquatic Caterpillar			3			
Veliidae	Water Treader			3			
Planorbidae	Freshwater Snail (flattened)	2					
Ceinae	Amphipod	2					
Coenagrionidae	Damselfly Larvae	2		19			
Corixidae	Waterboatmen	2					
Dugesidae	Flatworm	2					
Hydrophilidae	Scavenger Beetle	2					
Mesoveliidae	Water Strider	2					
Oligochaeta	Aquatic Worms	2		2			
Lestidae	Damselfly	2					
Stratiomyidae	Soldierfly Larvae	2					
Naucoridae	Creeping Water Bugs	2					
Isopoda	Isopods	2					
Culicidae	Mosquito Larvae	1		7			
Hirudinea	Leech	1					
Notonectidae	Backswimmers	1		20			
Physidae	Freshwater Snail (sinistral)	1		36			
Totals					Poor.		