Gold Coast Waterwatch Macro-invertebrate Data Sheet

Students Name:		
Date:	**Time:**	**Location:**

Common Name	Sensitivity Score	Species Count	Weight Factor	Sensitivity Score x Weight Factor
Stonefly Nymph	10			
Mayfly Nymph	9			
Caddisfly Larvae	8			
Toebiter	8			
Water Mite	6			
Marsh Beetle Larvae	6			
Water Penny Larvae	6			
Long Jawed Spider	6			
Toad Bug	5			
Water Flea	5			
Whirligig Beetle	4			
Whirligig Beetle Larvae	4			
Water Strider	4			
Riffle Shrimp	4			
Freshwater Yabby / Crayfish	4			
Freshwater Shrimp / Prawn	4			
Seed Shrimp	4			
Water Measurer	3			
Damselfly Larvae	3			
Dragonfly Larvae	3			
Small Water Strider	3			
Freshwater Mussel	3			
Scavenger Beetle	3			
Amphipod	3			
Non-Biting Midge	3			
Predacious Diving Beetle	2			
Predacious Diving BeetleLarvae	2			
Water Boatman	2			
Creeping Water Bug	2			
Isopod / Water Slater	2			
Pygmy Backswimmer	2			
Flatworm	2			
Leech (land and aquatic)	1			
Mosquito Larvae	1			
Segmented Worm	1			
Backswimmer	1			
Freshwater Snail	1			
Giant Water Bug	1			
TOTAL				

Signal scores with weight = $\frac{\text{TOTAL (sensitivity score x weight factor)}}{\text{Total weight factor}}$

Observations:

Weight Table	
No. of Individuals	**Weight Factor**
1-2	1
3-5	2
6-10	3
11-20	4
> 20	5

Signal Score	Rating
>6	Good
5 – 6	Mildly Polluted
4 – 5	Moderately Polluted
< 4	Degraded