Friends of the Chicago River

ADOPT A RIVER SCHOOL

MACROINVERTEBRATE DATA SHEET

School Name:		
Site Location:		
Date:	Time:	

RIVERS PROJECT ASSESSMENT (1990, S.I.U., R. WILLIAMS)

	GROUP 1 Intolerant to pollution	GROUP 2 Moderately intolerant to pollution	GROUP 3 Fairly tolerant to pollution	GROUP 4 Very tolerant to pollution
Macro- invertebrates (check all that you found)	Alderfly Dobsonfly Snipe Fly Stonefly	Caddisfly Clam/Mussel Cranefly Crayfish Damselfly Dragonfly Mayfly Riffle Beetle Water Penny	Black Fly Midge Right-handed or other snails Scud Sowbug	Aquatic worm Blood worm midge Leech Left-handed snail
# of TAXA (add up checks)				
WEIGHTING FACTOR	x 1	x 2	x 3	x 4
GROUP SCORE (TAXA x weighting factor)	=	=	=	=

TOTAL GROUP SCORE (add up the group scores from all the columns)	
TOTAL NUMBER OF TAXA (add up the number of taxa from all columns)	
POLLUTION TOLERANCE INDEX (total group score ÷ total number of taxa)	

Pollution Tolerance Index		
Excellent	1.0 to 2.0	
Good	2.1 to 2.5	
Fair	2.6 to 3.5	
Poor	greater than 3.6	

