Group **DATA COLLECTION TABLE** NOT TO SCALE members: **Index Value Pollution Tolerance Categories** Number of Circled GROUP 1: Sensitive (These organisms are generally pollution-intolerant.) Organisms 7 x 3 = 23 index value Water Penny Hellgrammite (ex. Multiple Most Caddis fly Stonefly Nymph Mayfly Nymph (Dobsonfly Larva) Larva Mayflies count as 1 circled organism) Number of Circled GROUP 2: Somewhat Sensitive (These organisms can exist in a wide range of water quality conditions.) Organisms 2 x 2 index value (ex. multiple Crane-Scud Damselfly Dragonfly Aquatic Cranefly Crayfish Fly larvae count as 1 Nymph Nymph Sowbug Larva circled organism) Your stream sample comes from: Number of Circled GROUP 3: Tolerant (These organisms are generally tolerant of pollution.) Organisms \_\_\_\_ x 1 index value Blackfly Larva Leach Aquatic Worms (ex. multiple aquatic Midge Larva worms count as 1 circled organism) WATER QUALITY RATING Circle the appropriate Water Quality Rating Total Index Value = Excellent (>22) Good (17-22) (Add up the numbers in the boxes above.)

Fair (11-16)

Poor (<11)

Lunged or Pouch Snail

Gilled Snail

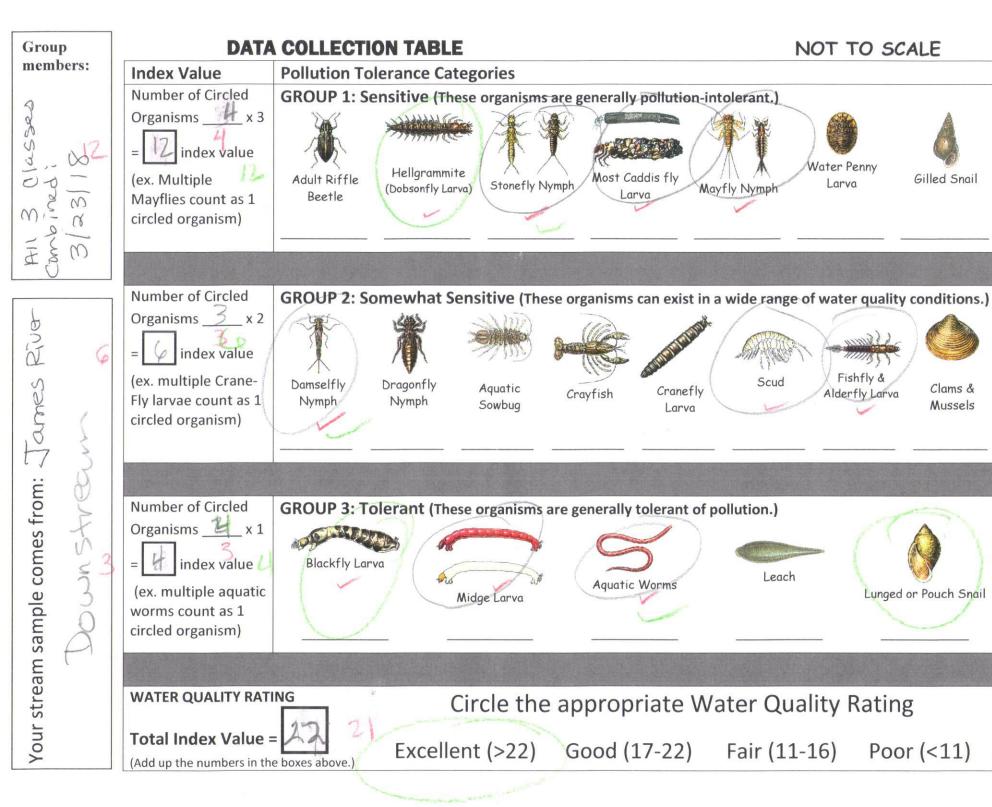
Clams &

Mussels

Larva

Fishfly &

Alderfly Larva



Gilled Snail

Clams &

Mussels

Lunged or Pouch Snail

Poor (<11)

## Macroinvertabrate Lab Water Quality Results

	Upstream			Downstream				
	Group 1	Group 2	Group 3		Group 1	Group 2	Group 3	
Spring 2015	16	14	19	Good	16	19	20	Good
Fall 2015	15	21	17	Good	22	17	19	Good
Fall 2016	11	12	15	Fair	16	12	9	Fair
Spring 2017 Fall 2017	12	11	18	Fair	18	12	17	Good