

Hoosier Riverwatch

Biological Monitoring Data Sheet

Date: ____/____/____

Volunteer ID: _____

Site ID: _____

Stream Name: _____

Latitude: _____

Longitude: _____

Time ____:____ AM / PM

Time Sampling: _____ hrs

Air Temp.: _____ °C

Current Weather:

☐ Clear/Sunny ☐ Overcast ☐ Showers ☐ Rain (steady) ☐ Storm (Heavy)

Worst Weather (past 48 hours):

☐ Clear/Sunny ☐ Overcast ☐ Showers ☐ Rain (steady) ☐ Storm (Heavy)

Check Methods Used:

☐ Kick Seine Net (3 times) ☐ Dip Net (20 jabs or scoops)

Check Habitats Sampled:

☐ Undercut Banks ☐ Riffles ☐ Leaf Packs ☐ Snags/Vegetation ☐ Sediment

Pollution Tolerance Index (PTI)

Record the taxa (group) represented in your sampling by either entering the number of organisms you counted or a ✓

Group 1 - Intolerant

☐	Stonefly nymph	
☐	Mayfly nymph	
☐	Caddisfly larva	
☐	Riffle Beetle	
☐	Dobsonfly Larva	
☐	Right-Handed or Gilled snail	
☐	Water Penny	

☐ # of TAXA represented

☐ Weighting Factor
(x4)

Group 2 - Moderately Intolerant

☐	Damselfly nymph	
☐	Dragonfly nymph	
☐	Scud	
☐	Sowbug	
☐	Crane fly larva	
☐	Clam/Mussel	
☐	Crayfish	

☐ # of TAXA represented

☐ Weighting Factor
(x3)

Group 3 - Fairly Tolerant

☐	Leech	
☐	Midge larva	
☐	Planaria/ Flatworm	
☐	Black fly larva	

☐ # of TAXA represented

☐ Weighting Factor
(x2)

Groups 4 - Very Tolerant

☐	Aquatic worm	
☐	Blood midge larva (red)	
☐	Rat-tailed Maggot	
☐	Left-Handed or Pouch snail	

☐ # of TAXA represented

☐ Weighting Factor
(x1)

Pollution Tolerance Index Rating

(Add the final index values for each group)

PTI Ratings

Excellent	23 or More
Good	17 - 22
Fair	11 - 16

Please check other Biological Indicators you observed:

☐ Native Mussels ☐ Zebra Mussels ☐ Rusty Crayfish ☐ Aquatic Plants

_____ % Algae Cover

_____ Diversity Index