

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 
- Cranefly 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
- Poor 10 or Less

Please check other Biological Indicators you observed:

- Native Mussels Zebra Mussels Rusty Crayfish Aquatic Plants

_____ % Algae Cover

_____ Diversity Index