

Hoosier Riverwatch Biological Monitoring Data Sheet

Date / / Volunteer ID Site ID
 Stream Name Latitude Longitude
 Time : AM / PM Air Temp C
 Time Sampling hrs
 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 by a

Group 1 - Intolerant	Group 2 - Moderately Intolerant	Group 3 - Fairly Intolerant	Group 4 - Very Intolerant
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Stonefly Nymph</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Mayfly Nymph</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Caddis Fly Larva</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Riffle Beetle</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Dobsonfly Larva</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Right-Handed Snail</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Water Penny</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> # of TAXA</div> <div style="width: 20%;"><input type="text" value=""/></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Weighting Factor (x4)</div> <div style="width: 20%;"><input type="text" value=""/></div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Damselfly Nymph</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Dragonfly Nymph</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Scud</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Sowbug</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Crane Fly Larva</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Clam/Mussels</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Crayfish</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> # of TAXA</div> <div style="width: 20%;"><input type="text" value=""/></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Weighting Factor (x3)</div> <div style="width: 20%;"><input type="text" value=""/></div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Leech</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Midge Larva</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Planaria/Flatworm</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Black Fly Larvae</div> <div style="width: 20%;"></div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Aquatic Worms</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Blood Midge Larva (red)</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Rat-tailed Maggot</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"><input type="checkbox"/> Left-Handed or Pouch Snail</div> <div style="width: 20%;"></div> </div>
<input type="checkbox"/> # of TAXA	<input type="checkbox"/> # of TAXA	<input type="checkbox"/> # of TAXA	<input type="checkbox"/> # of TAXA
<input type="checkbox"/> Weighting Factor (x1)	<input type="checkbox"/> Weighting Factor (x2)	<input type="checkbox"/> Weighting Factor (x3)	<input type="checkbox"/> Weighting Factor (x4)

PTI Ratings	
Excellent	23 or More
Good	17 - 22
Fair	11 - 16
Bad	10 or Less

Pollution Tolerance Index Rating

(Add the final index values for each group)

Please check other Biological Indicators you observed:

Native Mussels Zebra Mussels Rusty Crayfish Aquatic Plants %Algae Cover Diversity Index