

**Step 1:**  
Check off the organisms found in the stream.

**Step 2:**  
Add up how many different species were found in each column:

**Step 3:**  
Multiply by the tolerance index value:

Add the results together

Group 1 Pollution Sensitive Organisms	Group 2 Somewhat pollution tolerant organisms	Group 3 Pollution tolerant organisms
<input type="checkbox"/> Stonefly larvae <input type="checkbox"/> Caddisfly larvae <input type="checkbox"/> Mayfly nymph <input type="checkbox"/> Riffle beetle <input type="checkbox"/> Alderfly larvae <input type="checkbox"/> Dobsonfly larvae <input type="checkbox"/> Hellgramite <input type="checkbox"/> Water Penny larvae <input type="checkbox"/> Gilled snail <input type="checkbox"/> Planaria <input type="checkbox"/> Tadpole	<input type="checkbox"/> Dragonfly larvae <input type="checkbox"/> Damselfly larvae <input type="checkbox"/> Scud <input type="checkbox"/> Water Scorpion <input type="checkbox"/> Water Boatman <input type="checkbox"/> Backswimmer <input type="checkbox"/> Cranefly larvae <input type="checkbox"/> Whirligig Beetle larvae/adult <input type="checkbox"/> Water Beetle larvae <input type="checkbox"/> Giant Water Bug <input type="checkbox"/> Crayfish <input type="checkbox"/> Clam	<input type="checkbox"/> Blackfly larvae <input type="checkbox"/> Water Snails <input type="checkbox"/> Pouch Snails <input type="checkbox"/> Midge larvae <input type="checkbox"/> Mosquito larvae <input type="checkbox"/> Leeches <input type="checkbox"/> Aquatic worms
<b>x 3</b>	<b>x 2</b>	<b>x 1</b>

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**Step 4:** Use this chart to determine the health of the stream.

Pollution Tolerance Index (PTI)	Stream Quality Assessment
23+	Excellent
17-22	Good
11-16	Fair
10 or less	Poor

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