



Bioassessment Data Sheet



Name: _____

Date: _____

Look at the photos of the two stream samples. Which stream do you think has the healthiest water? Why?

Stream #1 - use your stream photo to fill out the chart

Tolerance Groups	Pollution Sensitive	Somewhat Pollution Sensitive	Pollution Tolerant
Check off the macros you have in your sample	Stonefly <input type="checkbox"/> Mayfly <input type="checkbox"/> Caddisfly <input type="checkbox"/> Dobsonfly <input type="checkbox"/>	Dragonfly <input type="checkbox"/> Alderfly <input type="checkbox"/> Damselfly <input type="checkbox"/> Beetles <input type="checkbox"/> Cranefly <input type="checkbox"/>	Leech <input type="checkbox"/> Snail <input type="checkbox"/> Non-insects <input type="checkbox"/> Midge <input type="checkbox"/> Scud <input type="checkbox"/>
# of checkmarks			
Multiply - the higher pollution sensitivity the higher the value in this assessment	x4	x3	x1
Group scores			

Stream #1 Score (total all three groups) _____

Stream #2 - use your stream photo to fill out the chart

Tolerance Groups	Pollution Sensitive	Somewhat Pollution Sensitive	Pollution Tolerant
Check off the macros you have in your sample	Stonefly <input type="checkbox"/>	Dragonfly <input type="checkbox"/>	Leech <input type="checkbox"/>
	Mayfly <input type="checkbox"/>	Alderfly <input type="checkbox"/>	Snail <input type="checkbox"/>
	Caddisfly <input type="checkbox"/>	Damselfly <input type="checkbox"/>	Non-insects <input type="checkbox"/>
	Dobsonfly <input type="checkbox"/>	Beetles <input type="checkbox"/>	Midge <input type="checkbox"/>
		Cranefly <input type="checkbox"/>	Scud <input type="checkbox"/>
# of checkmarks			
pollution sensitivity the higher the value in this assessment	x4	x3	x1
Group scores			

Stream #2 Score (total all three groups) _____

Score	Water Quality
23+	Excellent
17-22	Good
11-20	Fair
1-10	Poor

Which stream sample is healthier? What might cause the difference in water quality between the two samples?
