



Bioassessment Data Sheet

Name: _____

Click on the link to Access the [Key to Common Benthic Macroinvertebrates](#)

Date: _____

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

Type Answer Here:

Stream #1 - use your [stream photo #1](#) (Click link) to fill out the chart

Tolerance Groups	Pollution Sensitive	Somewhat Pollution Sensitive	Pollution Tolerant
Check off or Bold the text 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			
Multiply - the higher pollution sensitivity the higher the value in this assessment	x4	x3	x1
Group scores	#VALUE!	#VALUE!	#VALUE!
Stream #1 Score <u> #VALUE! </u>			

Stream #2 - use your [stream photo #2](#) (click link) to fill out the chart

Tolerance Groups	Pollution Sensitive	Somewhat Pollution Sensitive	Pollution Tolerant
Check off or Bold the text 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			
Multiply - the higher pollution sensitivity the higher the value in this assessment	x4	x3	x1
Group scores	#VALUE!	#VALUE!	#VALUE!
Stream #2 Score <u> #VALUE! </u>			

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

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

2)

Type answers here and number your answer:

