2.4c Macroinvertebrate Stream Quality Assessment Analysis Worksheet

Name: _____

Reflection/Analysis of Macroinvertebrate Sampling:

1. What was the quantitative score (number) for your site? _____

2. What was the qualitative score (ranking) for your site? _____

3. Does this score indicate the same quality as you obtained for the habitat score you obtains for this site? If not, what factors do you think might contribute to the difference?

4. What type of macroinvertebrates were most common to your stream? Are they sensitive to or tolerant of pollution?

5. Looking at the macroinvertebrates you collected, what are physical structures that are common for sensitive organisms?

6. Looking at the macroinvertebrates you collected, what are physical structures that are common for tolerant organisms?

7. What types of sensitive macroinvertebrates were missing from your stream? What could be improved or changed in your stream or the land around your stream so that it is better habitat for these organisms?

8. What are the two to three most important recommendations you would give to a watershed manager for how they could improve the stream quality score of this site. What reasons do you have for making these recommendations?

Recommendation 1:

Why/reasoning?

Recommendation 2:

Why/reasoning?

Recommendation 3:

Why/reasoning?

9. After seeing the organisms in your stream, what are some new questions you have about the stream or the land around it?