

1.2 c Stream Habitat Analysis Worksheet

Name: _____

Pre-thinking:

1. What is a Watershed?
2. Where does the water in streams come from?
3. How might the land around a stream affect it?

Read & Respond

4. What are the different ways that streams are used by humans and other organisms?
5. What are some characteristics of high quality streams?
6. How have streams been impacted by human activity?

After completing the in-class portion of your habitat assessment...

7. What is the most common land use in your stream?
 - a. How do you think this land use around the stream might be impacting the abiotic/physical characteristics of the stream (water quality and river shape)?
 - b. How do you think the land use around the stream might be impacting the biotic/organisms that live in and near the stream?

Reflection/Analysis of Habitat Assessment:

1. What was the quantitative score (number) for your site? _____
2. What was the qualitative score (ranking) for your site? _____
3. What were the highest scoring habitat parameters in your stream? What does this tell you about human impacts on the stream?

4. What were the lowest scoring habitat parameters in your stream? What does this tell you about human impacts on the stream?

5. What might be some things people could do to improve the lowest scoring parameters in your stream?

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

7. Consider what we have just learned about stream habitats. If we want to capture macroinvertebrates from our stream, what are some potential things we should include when building a trap/habitat that would mimic the habitat currently in our stream?