

In case of problem: Paul Steen (734) 709-6589
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River Roundup Data Sheet

Number of Jars for this site: _____

Date: _____ Site Number: _____ Stream and Site Name (copy from directions): _____

TIMES. Arrival @ _____ Start Collecting @ _____ Stop Collecting @ _____ Depart @ _____

Collector: _____ Leader/Scribe: _____

Other team members: _____

COLLECTING GUIDE!

1. Collect water sample first, before you stir up the stream. Rinse the jar and lid with river water 3 times before collecting the sample.

2. Work in an upstream direction for 300 feet, unless your site map indicates otherwise. Collect for 35-45 minutes. (Your pickers can pick up to 60 minutes).

3. Look for and collect in different habitat types. Check off the habitat type below once they have sampled there. The collector should sample several times at each habitat type if it is available in the stream. **Riffles and big rocks especially** should be sampled several times. Leaders should remind collectors what habitats to look for.

4. HOW MANY creatures do we take?

We are looking for variety. We want all of the different insects and crustaceans at the site. Keep everything that moves within the 1 hour time frame for picking, recognizing that sometimes you need to dump out a white tray to make room for a new sample.

BUT DON'T KEEP: Fish, crayfish, clams, mussels, and snails.

GRAB WITH NET OR HANDS

- ☐ Big rocks
- ☐ Logs (be sure to check under bark)
- ☐ Leaf Packs (decaying clumps of leaves)
- ☐ Debris and Trash

Note: Bugs hold onto anything, really. ☺

SHUFFLE IN FRONT OF NET

- ☐ Riffles (turbulent moving water)
- ☐ Runs (flat moving water)

PULL THE NET THROUGH

- ☐ Mucky, quiet places (often on the creek edges)
- ☐ Pools (deeper quiet areas)

Note: Don't overload net with muck; don't go more than 1 inch deep into sediment

SCRAPE THE NET RIM ON THESE

- ☐ Undercut banks
- ☐ Overhanging vegetation
- ☐ Submerged vegetation
- ☐ Emergent vegetation
- ☐ Roots

Did you see any of the following? Please do NOT bring them back with you. Take pictures!

Clams/mussels_____ Crayfish_____ Fish_____ Snails_____

If you can identify anything specific, record their names below, and tell us of anything else you found:

Other: _____ Other: _____

Other: _____ Other: _____

10 Last Minute Questions Before You Leave:

1. Did you double-check your maps to be sure you are at the right location? _____

2. Was the water sample jar and lid rinsed 3 times with water before the sample was collected? _____

3. Did you work in an upstream direction (more or less)? _____

4. Was any of the collection lost, for instance by a jar turning over? _____

5. Are the labels for this site in the jars that have the bugs from this site? _____

6. Did you write the total number of jars used on the other side of this data sheet? _____

7. If this is Site 1, did you follow decontamination procedures prior to leaving? _____

8. Did someone check that you have all of the equipment prior to leaving? _____

9. Was the stream flooded badly enough that you think your sampling was negatively affected? _____ Details if needed:

10. Please describe any way this site is different from what was described in the materials provided to you (driving directions, parking, bad hand-drawn map, etc). You can also write this in the evaluation.