

Finger Lakes Regional Stream Monitoring Network



TIER 1 – Benthic Macroinvertebrate Biomonitoring Assessment

Name(s) _____






School _____ Stream _____

Date(s) Sampled _____ Location (nearest road, town) _____

GPS Positioning _____

Methods:

1. Collect a 5 minute D-net sample and spread debris in a sorting tray.
2. Search debris for macroinvertebrates.
3. Make a check in each box where the stream community meets the criteria listed. If the stream community does not meet the criteria, explain why in the “Description” box.

Major Group	Criteria	Check if criteria is met	Description
Ephemeroptera (mayflies) 	must be numerous at least 3 species present		
Plecoptera (stoneflies) 	must be present		
Trichoptera (caddisflies) 	must be present, but not more abundant than mayflies		
Coleoptera (beetles) 	must be present		
Oligochaeta (worms) 	must be absent or sparse		

Summary:

- The stream site is:
 - Non-Impacted** – all 5 boxes are checked
 - Possible Impact** – at least one of the 5 boxes is not checked (needs further study to confirm)
- Record the identity of any other organisms found in the stream in the space below.