

Why monitor wetlands? <http://www.mnwhep.org/id30.html>

Macroinvertebrate Sampling: <http://www.mnwhep.org/id28.html>

Macroinvertebrate Sampling Protocols: <http://www.mnwhep.org/id66.html>

Taken from: "A Citizen's Guide to Biological Assessment of Wetlands, The Macroinvertebrate Index of Biological Integrity", Dr. Judy Helgen, MPCA 2000.

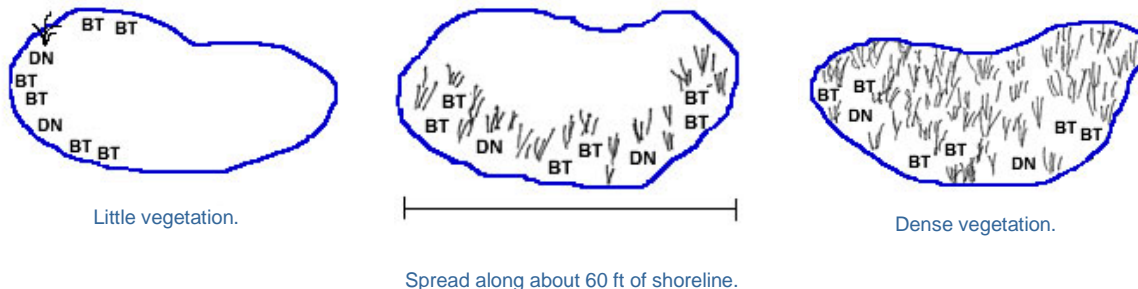
When to Sample: Index period

Macroinvertebrates should be sampled during the month of June, or at the latest, early July. Monitoring occurs during this time of year for two primary reasons.

1. To ensure that the macroinvertebrates are a size that is easy to identify.
2. To ensure that the majority of the macroinvertebrates collected matured in the site sampled. If it is later in the season, there is a greater chance that the macroinvertebrates may have flown in from another nearby wetland.

Where to Sample:

Samples should be collected in the shallow, near-shore area not deeper than 3 feet (1 meter). The same general area should be used for the bottle trap placement and the dipnet sampling. If there is a cattail fringe (or other emergent vegetation), sample in the area between the cattails and the shore. If there is no water between the emergent vegetation and the shore, then sample within the cattails and to the outer edge of the cattails towards the open water. If there is no emergent vegetation, sample very near shore in water up to 3 feet deep. Refer to diagrams. DN=Dipnet sampling location BT=Bottletrap placement



Sampling Methods:

Bottle traps, Dip nets

Training Resources and Presentations: <http://www.mnwhep.org/id63.html>

[How to Collect a Macroinvertebrate Sample](#)

[How to Conduct a Vegetation Survey](#)

[Setting a bottle trap \(2:16\)](#)

[Collecting a dip net sample \(2:36\)](#)