

REPORT OF LAKE BELLAIRE SAMPLING

14 JUNE 1984

The following are the results of field work done on 14 June 1984:

- Station 1. (Grass Creek) Time: 1230 EDT
Air temp: 13.9 C
Water temp: 11.5 C
Water clear
Sky overcast, wind variable
BOD and P samples taken at surface
Brook lamprey (Lampetra appendix) observed on spawning redd.
- Station 2. (Intermediate River at Riverside Marina) Time: 1154 EDT
Air temp: 12.2 C
Water temp: 17.5 C
Sky overcast, wind calm at river surface
Water has slight brown tint
BOD & P samples taken at surface.
- Station 3. (Intermediate River at mouth) Time: 1055 EDT
Air Temp: 12.8 C
Water temp: 17.6 C
Sky overcast, wind 337 degrees true, 6-8 mph.
Snapping turtle almost got my sample bottle and fingers!
P & BOD samples taken at surface.
- Station 5. (Lake Bellaire, Main basin) Time: 1110 EDT
Air temp: 13.3 C
Sky overcast, wind 354 degrees T, 10-12 mph.
Water temp: 1 m: 17.8 C
Bottom: 9.1 C
Station depth: 96.5 ft. (29.4 m)
BOD & P samples taken at 1m and 0.5m above bottom.

BOD Results: (Analyses done by Traverse City WWTP)

Station 1: 0.8 mg/l
2: 0.9
3: 0.9
5: 1m: 0.3
Bot: 0.7

My next sampling is planned for July 16 (Monday).