

REPORT OF LAKE BELLAIRE SAMPLING

16 JULY 1984

The following are the results of field work done on 16 July 1984. Field work by T. Kelly, A. Weber, assisting. BOD₅ analyses were done by the Traverse Cnty Wastewater Treatment Plant laboratory.

Station 1. (Grass Creek) Time 1009 (all times are local time, EDT)
Weather: Heavy overcast. Air temp: 21.7 C
Wind 2-5 mph from 257 degrees T
Water temp: 15.0 C Water clear
BOD: 2.2 mg/l P sample taken and frozen

Station 2. (Intermediate River at Riverside Marina) Time: 1157
Weather: Broken overcast. Air temp: 22.5 C
Wind variable
Water temp: 21.0 C Water clear, slight brown tint.
BOD: 2.0 mg/l P sample taken and frozen.

Station 3. (Intermediate River at mouth) Time: 1100
Weather: Heavy overcast. Air temp: 22.8 C
Wind 347 at 8-10 mph.
Water temp: 21.0 C Water clear, light brown tint.
BOD: 1.9 mg/l P sample taken and frozen.

Station 5. Lake Bellaire, central basin) Time: 1115
Weather: Broken cumulus. Air temp: 19.2 C
Wind 317 T at 10-15 mph.
Lake surface choppy
Water temp: 10 C (Bottom), 22.2 C (1m)
Water has slight green tint
BOD: 2.1 mg/l (bottom), 2.3 mg/l (1m)
Station depth: 87 feet
P samples taken and frozen

My next sampling trip is scheduled for August 14 (Friday).

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