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Charles W. Boylen, Director
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Rensselaer Fresh Water Institute, Troy, New York 12180-3590

September 22, 1992

Mr. Clarence Watters
Box 151
Severance, NY 12872

**FALL 92
REPORT**

PT 2 of 2
SENT TO CO. DAVIS

Dear Clarence,

I have enclosed the results for the Fecal Coliform Bacterial analyses on the samples you provided from Eagle Lake. There are three different State standards which can be applied to waters used for different purposes within New York State.

The first standard is for drinking water. New York State assumes that all drinking waters will be treated and the standard calls for no Coliform Bacteria to be present in drinking waters.

The second standard, and the one more applicable to Eagle Lake, would be the standard for surface waters used or at least classified as drinking waters. Eagle Lake holds such a classification. This standard recommends that Coliform Bacteria levels not exceed 50 per 100 milliliters of sample. None of the samples that you provided, exceeded this standard.

The third standard is for waters used for contact recreation (swimming, wading, etc.). This standard requires that Total Coliform Bacteria levels not exceed 2400 per 100 milliliters of sample in 20 percent of samples or that a single sample not exceed 5000 Total Coliform Bacteria per 100 milliliters of sample. The contact recreation standard also requires that Fecal Coliform Bacteria levels not exceed 200 per 100 milliliters of sample in 20 percent of samples or that a single sample not exceed 1000 Fecal Coliform Bacteria per 100 milliliters of sample. All of the samples you provided were well within acceptable ranges according to this standard.

If I can be of any further assistance, do not hesitate to contact me.

Sincerely,

Lawrence Eichler
Research Scientist



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**LABORATORY RESULTS FOR SAMPLES PROVIDED BY
Mr. J. Davis & B. Donnelly
Samples Collected 17-SEPT-92
From Eagle Lake, Essex County, NY**

SITE CODE	Fecal Coliform Bacteria (colonies per 100 milliliters)
A	LESS THAN 10
B	40
C	10
D	LESS THAN 10
E	LESS THAN 10