



PUBLIC HEALTH IS PRICELESS

VERMILION COUNTY HEALTH DEPARTMENT

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PUBLIC HEALTH ADMINISTRATOR

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June 18, 2020

George Peterson
LTEA
344 East Autumn Drive
Oakwood, IL 61858

Dear Mr. Peterson,

The enclosed analyses of samples of raw pond water were collected on June 8, 2020 from the lakes and ponds within Leisure Time Estates. The samples were analyzed by the Illinois Department of Public Health laboratory in Springfield, IL. The results of the bacterial analyses were within acceptable expectations for surface water. The samples had far less bacteria than one would expect to be found in surface water, especially waters that are receiving treated effluent from private sewage systems. Due to the laboratory work schedule and their work load they were only able to perform the E. Coli analyses.

Even though the samples were within bathing beach standards every individual must continue to maintain their water treatment system and their private sewage disposal system. A sewage treatment system that has failed or is not operating properly will contaminate the pond or lake water. A water treatment system that is not operating properly will not take out even normal surface water level of bacteria. The failure of both or even one of these systems may result in an outbreak of waterborne disease. The potential for an outbreak of waterborne disease occurring in Leisure Time Estates is greater than in the general population because of the lakes being used as both a source of potable water and receiving waters for treated effluent from private sewage disposal systems. The enclosed map denotes the sample sites.

Feel free to contact me at 431-2662 ext. 305 should you have any questions.

Sincerely,

Mike Hannan B.S., LEHP
Water Program Supervisor



Sample Location	E.Coli	Fecal Coli	Fecal Strep
	Raw Water Standard * ML Bathing Beach Standard 235/100 ML Finished Water Standard 0/100 ML	Raw Water Standard * ML Bathing Beach Standard 500/100 ML Finished Water Standard 0/100 ML	Raw Water Standard * ML Bathing Beach Standard * ML Finished Water Standard 0/100 ML
(1) S. Feather Lake	11.1		
(2) S. Lake Florence	<1.0		
(3) N. Lake Florence	11.1		
(4) West Matthew Lake	11.1		
(5) Ann Pond	23.8		
(6) N. Chain of the Lakes	<1.0		
(7) Middle Chain of Lakes	<1.0		
(8) Brook's Lake	12.4		
(9) Canal Between Brook's & Sally	40.6		
(10) Lake Sally	2		
(11) Jenny Pond	4.2		
(12) Jean Pond	4.2		
(13) Lake Charlotte	<1.0		
(14) Canal south of 244 Eagle Bluff	23.8		
(15) Oliver Pond	13.7		