

# Joseph F. Calabro, Ph.D.

Technical Expertise in Water Quality and Treatment Processes

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August 17, 2022

Jeff Niemitz  
Crystal Lake League

Assay: *E. coli* Analyses of Crystal Lake Water  
Sample Date: August 11, 2022

Location Number	<i>E. coli</i> per 100 ml	Location Number	<i>E. coli</i> per 100 ml
1.	1	20	0
2	1	21	0
3.	2	22	1
4.	1	23	0
5	1	24	0
6	0	25	1
7	1	26	0
8	0	27	1
9	0	28	1
10	1	29	0
11	1	30	2
12	0	31	0
13	0		
14	1		Mean is 3.13
15	3		Max is 76
16	0		Min is 0
17	0		
18	76		
19	2		

**Summary for previous years:**

Mean is 1.5; Max is 13, Min is 0—August 6, 2021  
Mean is 1.6; Max is 15; Min is 0—August 3, 2020  
Mean is 4.2; Max is 27; Min is 0—August 5, 2019  
Mean is 12.1; Max is 167; Min is 0—August 8, 2018

*All analyses performed by a PA DEP accredited Laboratory.*

*Graphical representation is also included for in-depth analyses. Outlier previously discussed. If removed, the mean would be 0.7. Excellent water quality as indicated by the stats. THIS IS THE CRYSTAL LAKE I KNOW!*

Please call me if I can be of further assistance: 570-754-7661. Thanks for all the help.



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Water Quality Specialist