



Bear Lake

1001 N Belmont Ave

Arlington Heights, IL 60004

Date Reported 07/06/23

Date Received 05/10/23

DNR State Cert. 750040280

2300246-01 Bear Lake

Sampled: 5/5/2023 3:00PM	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Notes
Ammonium as NH3-N	0.06	mg/L	1	0.02	0.05	05/19/23	SM4500-NH3 H	
Chloride (FIA)	1.0	mg/L	1	0.5	1.5	05/12/23	SM4500-Cl- G	J
Conductivity	81	µS	1	1	1	05/15/23	SM2510B	
NO3+NO2(N)	ND	mg/L	1	0.1	0.3	05/12/23	SM4500-NO3- F	
Soluble Reactive Phosphorus	ND	mg/L	1	0.005	0.017	05/19/23	SM4500-P F	
Total Kjeldahl Nitrogen	0.50	mg/L	1	0.05	0.15	06/12/23	EPA 351.2	H
Total Phosphorus	0.014	mg/L	1	0.006	0.018	06/12/23	EPA 365.4	J, H

NOTES/DEFINITIONS

D: Sample diluted

H: Hold time exceeded

J: Estimated value between limit of detection and limit of quantitation

ND: Analyte not detected at or above the reporting limit

LOD: Limit of Detection. Adjusted for sample dilution when applicable.

LOQ: Limit of Quantitation. Adjusted for sample dilution when applicable.

MPN: Most Probable Number

E. coli count: ND means analyte not detected at or above the limit of detection (LOD), which is 1 organism/100mL

Authorized Signature:

Juli Bowling