



Silver Lake (Kenosha Co)

28044 Silver Lake Road

Salem Lakes, WI 53168

Date Reported 01/21/25

Date Received 11/20/24

DNR State Cert. 750040280

2400853-01 Silver Lake Deep Hole

Sampled: 11/18/2024 12:00AM	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Notes
Alkalinity	173	mg/L	1	4	4	12/02/24	SM2320B	
Ammonium as NH3-N	0.15	mg/L	1	0.01	0.05	12/05/24	SM4500-NH3 H	
Calcium	33.83	mg/L	1	0.025	0.084	12/02/24	EPA 200.7	
Chloride (FIA)	57.5	mg/L	1	0.5	1.5	12/06/24	SM4500-Cl- G	
Conductivity	541	µS	1	1	1	12/02/24	SM2510B	
Magnesium	29.93	mg/L	1	0.009	0.031	12/02/24	EPA 200.7	
NO3+NO2(N)	ND	mg/L	1	0.1	0.3	12/06/24	SM4500-NO3- F	
pH	8.31	SU	1	0.10	0.30	12/02/24	SM4500H+B	
Potassium	3.090	mg/L	1	0.044	0.147	12/02/24	EPA 200.7	
Sodium	31.40	mg/L	1	0.654	2.180	12/02/24	EPA 200.7	
Soluble Reactive Phosphorus	ND	mg/L	1	0.005	0.017	12/05/24	SM4500-P F	
Sulfate (ICP)	24.44	mg/L	1	0.14	0.48	12/02/24	EPA 200.7	
Total Hardness, Calculation	207.7	mg/L	1	0.1	0.3	12/02/24	SM2340B	
Total Kjeldahl Nitrogen	0.82	mg/L	1	0.05	0.15	01/16/25	EPA 351.2	H
Total Phosphorus	0.013	mg/L	1	0.006	0.018	01/16/25	EPA 365.4	J, H
Turbidity	0.8	NTU	1	0.1	0.3	12/09/24	SM2130B	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