

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Brooklake Country Club
Florham Park, NJ

File Number: 90018
Date Received: 8/7/2024
Date Reported: 8/8/2024

Submitted By: Soil and Water Consulting

Lab Number	1931
Sample Location	IRRIGATION WATER
Sample Description	HOLE #14

pH	7.37
Hardness (ppm)	59.01
Hardness (grains/gal)	3.45
Conductivity (mmhos/cm)	0.24
Sodium Adsorp. Ratio	1.15
Adjusted SAR	1.02
Adjusted RNa	0.91
pHc	8.51
Residual Sodium Carbonate (RSC)	-0.05

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		15.88	0.79	3.60
Magnesium (Mg)		4.62	0.38	1.05
Potassium (K)		2.42	0.06	0.55
Sodium (Na)		20.21	0.88	4.58
Iron (Fe)		0.19		0.04
Total Alkalinity (CaCO ₃)		56.16		12.74
Carbonate (CO ₃)		0.00		
Bicarbonate (HCO ₃)		68.53	1.12	15.54
Hydroxide (OH)		0.00		
Chloride (Cl)		37.96	1.07	8.61
Sulfur as (SO ₄)		9.54	0.20	2.16
Salt Concentration (TDS)		156.16		35.42
Boron (B)		< 0.05		

Manganese (Mn)	< 0.020
Copper (Cu)	< 0.020
Zinc (Zn)	< 0.040
Aluminum (Al)	< 0.200

Cation/Anion Ratio	0.88
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NO ₃ -N (ppm)	0.17
Total P (ppm)	0.31

Reviewed by:

