

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Brooklake Country Club
Florham Park, NJ

File Number: 90018
Date Received: 5/20/2024
Date Reported: 5/21/2024

Submitted By: Soil and Water Consulting

Lab Number	1061
Sample Location	IRRIGATION WATER
Sample Description	WET WELL

pH	7.22
Hardness (ppm)	84.19
Hardness (grains/gal)	4.92
Conductivity (mmhos/cm)	0.38
Sodium Adsorp. Ratio	1.73
Adjusted SAR	2.10
Adjusted RNa	1.61
pHc	8.19
Residual Sodium Carbonate (RSC)	0.10

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		23.05	1.15	5.23
Magnesium (Mg)		6.20	0.51	1.41
Potassium (K)		2.26	0.06	0.51
Sodium (Na)		36.31	1.58	8.24
Iron (Fe)		0.62		0.14
Total Alkalinity (CaCO ₃)		87.75		19.90
Carbonate (CO ₃)		0.00		
Bicarbonate (HCO ₃)		107.07	1.76	24.28
Hydroxide (OH)		0.00		
Chloride (Cl)		68.25	1.92	15.48
Sulfur as (SO ₄)		8.49	0.18	1.93
Salt Concentration (TDS)		245.12		55.59
Boron (B)		0.10		0.02

Manganese (Mn)	0.058	0.013
Copper (Cu)	< 0.020	
Zinc (Zn)	< 0.040	
Aluminum (Al)	0.210	0.048

Cation/Anion Ratio	0.85
--------------------	------

NO ₃ -N (ppm)	0.28
Total P (ppm)	< 0.20

Reviewed by: _____