

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

East Orange Golf Course
Milburn, NJ

File Number: 73847
Date Received: 5/15/2023
Date Reported: 5/16/2023

Submitted By: Soil and Water Consulting

Lab Number	1071
Sample Location	IRRIGATION WATER
Sample Description	HOLE #17

pH	7.99
Hardness (ppm)	383.69
Hardness (grains/gal)	22.44
Conductivity (mmhos/cm)	0.84
Sodium Adsorp. Ratio	0.53
Adjusted SAR	1.14
Adjusted RNa	0.67
pHc	7.27
Residual Sodium Carbonate (RSC)	-3.78

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	101.60	5.07	23.04
Magnesium	(Mg)	31.54	2.59	7.15
Potassium	(K)	1.82	0.05	0.41
Sodium	(Na)	24.02	1.04	5.45
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	194.32		44.07
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	237.11	3.89	53.78
Hydroxide	(OH)	0.00		
Chloride	(Cl)	146.89	4.14	33.31
Sulfur as	(S04)	35.03	0.73	7.95
Salt Concentration	(TDS)	534.78		121.29
Boron	(B)	0.09		0.02

Cation/Anion Ratio	1.00
--------------------	------

Reviewed by:

