

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

East Orange Golf Course
Milburn, NJ

File Number: 73847
Date Received: 7/19/2021
Date Reported: 7/20/2021

Submitted By: Soil and Water Consulting

Lab Number	1744
Sample Location	IRRIGATION WATER
Sample Description	HOLE #8

pH	6.95
Hardness (ppm)	73.01
Hardness (grains/gal)	4.27
Conductivity (mmhos/cm)	0.31
Sodium Adsorp. Ratio	1.75
Adjusted SAR	1.79
Adjusted RNa	1.49
pHc	8.38
Residual Sodium Carbonate (RSC)	-0.10

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	18.83	0.94	4.27
Magnesium	(Mg)	6.17	0.51	1.40
Potassium	(K)	3.12	0.08	0.71
Sodium	(Na)	34.28	1.49	7.77
Iron	(Fe)	0.33		0.07
Total Alkalinity	(CaCO ₃)	67.20		15.24
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	82.00	1.34	18.60
Hydroxide	(OH)	0.00		
Chloride	(Cl)	56.51	1.59	12.82
Sulfur as	(S04)	10.93	0.23	2.48
Salt Concentration	(TDS)	197.76		44.85
Boron	(B)	< 0.05		

Cation/Anion Ratio	0.95
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Reviewed by:

