

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

East Orange Golf Course
Milburn, NJ

File Number: 73847
Date Received: 4/23/2021
Date Reported: 4/26/2021

Submitted By: Soil and Water Consulting

Lab Number	0821
Sample Location	IRRIGATION WATER
Sample Description	HOLE #3

pH	7.68
Hardness (ppm)	362.63
Hardness (grains/gal)	21.21
Conductivity (mmhos/cm)	0.87
Sodium Adsorp. Ratio	0.54
Adjusted SAR	1.16
Adjusted RNa	0.68
pHc	7.26
Residual Sodium Carbonate (RSC)	-2.94

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	92.95	4.64	21.08
Magnesium	(Mg)	31.67	2.60	7.18
Potassium	(K)	2.17	0.06	0.49
Sodium	(Na)	23.75	1.03	5.39
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	215.28		48.83
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	262.68	4.31	59.58
Hydroxide	(OH)	0.00		
Chloride	(Cl)	149.44	4.21	33.89
Sulfur as	(S04)	43.59	0.91	9.89
Salt Concentration	(TDS)	558.34		126.63
Boron	(B)	0.14		0.03

Cation/Anion Ratio	0.88
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Reviewed by:

