

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

East Orange Golf Course
Milburn, NJ

File Number: 73847
Date Received: 9/21/2020
Date Reported: 9/22/2020

Submitted By: Soil and Water Consulting

Lab Number	2492
Sample Location	IRRIGATION WATER
Sample Description	HOLE #7

pH	8.14
Hardness (ppm)	387.63
Hardness (grains/gal)	22.67
Conductivity (mmhos/cm)	0.83
Sodium Adsorp. Ratio	0.55
Adjusted SAR	1.17
Adjusted RNa	0.67
pHc	7.25
Residual Sodium Carbonate (RSC)	-3.67

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	101.10	5.04	22.93
Magnesium	(Mg)	32.80	2.70	7.44
Potassium	(K)	3.08	0.08	0.70
Sodium	(Na)	24.68	1.07	5.60
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	203.49		46.15
Carbonate	(CO ₃)	20.00	0.67	4.54
Bicarbonate	(HCO ₃)	207.64	3.40	47.09
Hydroxide	(OH)	0.00		
Chloride	(Cl)	128.00	3.61	29.03
Sulfur as	(S04)	49.44	1.03	11.21
Salt Concentration	(TDS)	533.38		120.97
Boron	(B)	0.12		0.03

Cation/Anion Ratio	1.02
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Reviewed by:

