

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

East Orange Golf Course
Milburn, NJ

File Number: 73847
Date Received: 5/22/2017
Date Reported: 5/23/2017

Submitted By: Soil and Water Consulting

Lab Number	1212
Sample Location	Irrigation Water
Sample Description	Sprink Head

pH	8.20
Hardness (ppm)	328.89
Hardness (grains/gal)	19.23
Conductivity (mmhos/cm)	0.81
Sodium Adsorp. Ratio	0.54
Adjusted SAR	1.13
Adjusted RNa	0.65
pHc	7.30
Residual Sodium Carbonate (RSC)	-2.46

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		87.50	4.37	19.84
Magnesium (Mg)		26.78	2.20	6.07
Potassium (K)		0.75	0.02	0.17
Sodium (Na)		22.41	0.97	5.08
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO ₃)		205.28		46.56
Carbonate (CO ₃)		22.14	0.74	5.02
Bicarbonate (HCO ₃)		205.46	3.37	46.60
Hydroxide (OH)		0.00		
Chloride (Cl)		101.95	2.88	23.12
Sulfur as (SO ₄)		48.48	1.01	11.00
Salt Concentration (TDS)		517.12		117.28
Boron (B)		0.13		0.03

Cation/Anion Ratio	0.95
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Reviewed by:

