

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

River Winds Golf and Tennis Club
270 Eagle Point Road
Deptford, NJ 08086

File Number: 53894
Date Received: 5/2/2016
Date Reported: 5/3/2016

Submitted By: Soil and Water Consulting

Lab Number	1074
Sample Location	Irrigation Water
Sample Description	Sprink Head

pH	6.40
Hardness (ppm)	104.60
Hardness (grains/gal)	6.12
Conductivity (mmhos/cm)	0.31
Sodium Adsorp. Ratio	0.72
Adjusted SAR	0.88
pHc	8.19
Residual Sodium Carbonate (RSC)	-0.73

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	29.19	1.46	6.62
Magnesium	(Mg)	7.66	0.63	1.74
Potassium	(K)	3.90	0.10	0.89
Sodium	(Na)	17.01	0.74	3.86
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	67.85		15.39
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	82.79	1.36	18.78
Hydroxide	(OH)	0.00		
Chloride	(Cl)	21.79	0.61	4.94
Sulfur as	(SO ₄)	43.08	0.90	9.77
Salt Concentration	(TDS)	197.12		44.71
Boron	(B)	0.06		0.01

Manganese	(Mn)	< 0.020		
Copper	(Cu)	0.025		0.006
Zinc	(Zn)	< 0.040		
Aluminum	(Al)	< 0.200		

Cation/Anion Ratio	1.02
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NO ₃ -N (ppm)	0.94
Total P (ppm)	< 0.20

Reviewed by:

