

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Randall's Island Park Alliance
20 Randall's Park
New York, NY

File Number: 78813
Date Received: 10/23/2017
Date Reported: 10/24/2017

Submitted By: Soil and Water Consulting

Lab Number	2678
Sample Location	IRRIGATION WATER
Sample Description	

pH	7.84
Hardness (ppm)	21.34
Hardness (grains/gal)	1.25
Conductivity (mmhos/cm)	0.10
Sodium Adsorp. Ratio	1.11
Adjusted SAR	0.31
Adjusted RNa	0.61
pHc	9.12
Residual Sodium Carbonate (RSC)	0.18

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		6.76	0.34	1.53
Magnesium (Mg)		1.04	0.09	0.24
Potassium (K)		0.66	0.02	0.15
Sodium (Na)		11.70	0.51	2.65
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO ₃)		30.25		6.86
Carbonate (CO ₃)		0.00		
Bicarbonate (HCO ₃)		36.91	0.61	8.37
Hydroxide (OH)		0.00		
Chloride (Cl)		5.11	0.14	1.16
Sulfur as (S04)		3.76	0.08	0.85
Salt Concentration (TDS)		62.27		14.12
Boron (B)		< 0.05		

Manganese (Mn)	< 0.020	
Copper (Cu)	0.027	0.006
Zinc (Zn)	< 0.040	
Aluminum (Al)	< 0.200	

Cation/Anion Ratio	1.15
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NO ₃ -N (ppm)	< 0.10
Total P (ppm)	0.69

Reviewed by:

