

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 78813
Date Received: 5/9/2023
Date Reported: 5/10/2023

Submitted By: Soil and Water Consulting

Lab Number	1011
Sample Location	IRRIGATION WATER
Sample Description	

pH	6.81
Hardness (ppm)	55.69
Hardness (grains/gal)	3.26
Conductivity (mmhos/cm)	0.25
Sodium Adsorp. Ratio	1.59
Adjusted SAR	1.16
Adjusted RNa	1.15
pHc	8.67
Residual Sodium Carbonate (RSC)	-0.27

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		14.83	0.74	3.36
Magnesium (Mg)		4.49	0.37	1.02
Potassium (K)		1.52	0.04	0.34
Sodium (Na)		27.15	1.18	6.16
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO ₃)		42.00		9.53
Carbonate (CO ₃)		0.00		
Bicarbonate (HCO ₃)		51.25	0.84	11.62
Hydroxide (OH)		0.00		
Chloride (Cl)		36.76	1.04	8.34
Sulfur as (SO ₄)		14.79	0.31	3.36
Salt Concentration (TDS)		157.82		35.79
Boron (B)		< 0.05		

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

Cation/Anion Ratio	1.06
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NO ₃ -N (ppm)	< 0.10
Total P (ppm)	0.65

Reviewed by:

