

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 78813
Date Received: 6/12/2024
Date Reported: 6/13/2024

Submitted By: Soil and Water Consulting

Lab Number	1325
Sample Location	IRRIGATION WATER
Sample Description	

pH	7.57
Hardness (ppm)	20.00
Hardness (grains/gal)	1.17
Conductivity (mmhos/cm)	0.09
Sodium Adsorp. Ratio	1.05
Adjusted SAR	0.03
Adjusted RNa	0.51
pHc	9.37
Residual Sodium Carbonate (RSC)	0.00

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		5.81	0.29	1.32
Magnesium (Mg)		1.29	0.11	0.29
Potassium (K)		1.03	0.03	0.23
Sodium (Na)		10.77	0.47	2.44
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO ₃)		20.50		4.65
Carbonate (CO ₃)		0.00		
Bicarbonate (HCO ₃)		24.06	0.39	5.46
Hydroxide (OH)		0.00		
Chloride (Cl)		13.62	0.38	3.09
Sulfur as (S04)		5.03	0.10	1.14
Salt Concentration (TDS)		57.60		13.06
Boron (B)		< 0.05		

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

Cation/Anion Ratio	1.02
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NO ₃ -N (ppm)	< 0.10
Total P (ppm)	0.81

Reviewed by:

