

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Tucson Country Club
2950 N. Camino Principal
Tucson, AZ 85715

File Number: 34998
Date Received: 9/29/2023
Date Reported: 10/2/2023

Submitted By: Soil and Water Consulting

Lab Number	2170
Sample Location	IRRIGATION WATER
Sample Description	HOLE #2

pH	7.11
Hardness (ppm)	130.16
Hardness (grains/gal)	7.61
Conductivity (mmhos/cm)	0.60
Sodium Adsorp. Ratio	3.10
Adjusted SAR	5.23
Adjusted RNa	3.59
pHc	7.71
Residual Sodium Carbonate (RSC)	0.54

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	41.90	2.09	9.50
Magnesium	(Mg)	6.16	0.51	1.40
Potassium	(K)	4.48	0.11	1.02
Sodium	(Na)	81.25	3.53	18.43
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	156.97		35.60
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	191.54	3.14	43.44
Hydroxide	(OH)	0.00		
Chloride	(Cl)	54.98	1.55	12.47
Sulfur as	(S04)	74.05	1.54	16.79
Salt Concentration	(TDS)	381.25		86.47
Boron	(B)	0.13		0.03

Cation/Anion Ratio	1.00
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Reviewed by:

