

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 34998
Date Received: 9/12/2022
Date Reported: 9/13/2022

Submitted By: Soil and Water Consulting

Lab Number	1995
Sample Location	IRRIGATION WATER
Sample Description	HOLE #7

pH	7.28
Hardness (ppm)	66.57
Hardness (grains/gal)	3.89
Conductivity (mmhos/cm)	0.28
Sodium Adsorp. Ratio	1.63
Adjusted SAR	2.02
Adjusted RNa	1.49
pHc	8.16
Residual Sodium Carbonate (RSC)	0.48

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)	22.76	1.14	5.16	
Magnesium (Mg)	2.31	0.19	0.52	
Potassium (K)	2.19	0.06	0.50	
Sodium (Na)	30.49	1.33	6.92	
Iron (Fe)	0.13		0.03	
Total Alkalinity (CaCO ₃)	90.06		20.43	
Carbonate (CO ₃)	0.00			
Bicarbonate (HCO ₃)	109.89	1.80	24.92	
Hydroxide (OH)	0.00			
Chloride (Cl)	16.85	0.48	3.82	
Sulfur as (SO ₄)	22.61	0.47	5.13	
Salt Concentration (TDS)	178.18		40.41	
Boron (B)	0.06		0.01	

Manganese (Mn)	< 0.020	
Copper (Cu)	< 0.020	
Zinc (Zn)	< 0.040	
Aluminum (Al)	0.237	0.054

Cation/Anion Ratio	0.98
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NO ₃ -N (ppm)	< 0.10
Total P (ppm)	< 0.20

Reviewed by:

