

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 34998
Date Received: 3/27/2023
Date Reported: 3/28/2023

Submitted By: Soil and Water Consulting

Lab Number	0538
Sample Location	IRRIGATION WATER
Sample Description	HOLE #1

pH	7.13
Hardness (ppm)	85.46
Hardness (grains/gal)	5.00
Conductivity (mmhos/cm)	0.30
Sodium Adsorp. Ratio	1.37
Adjusted SAR	1.96
Adjusted RNa	1.37
pHc	7.97
Residual Sodium Carbonate (RSC)	0.42

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		30.89	1.54	7.01
Magnesium (Mg)		1.98	0.16	0.45
Potassium (K)		2.06	0.05	0.47
Sodium (Na)		28.98	1.26	6.57
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO ₃)		106.40		24.13
Carbonate (CO ₃)		0.00		
Bicarbonate (HCO ₃)		129.83	2.13	29.45
Hydroxide (OH)		0.00		
Chloride (Cl)		20.25	0.57	4.59
Sulfur as (SO ₄)		16.89	0.35	3.83
Salt Concentration (TDS)		193.15		43.81
Boron (B)		< 0.05		

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

Cation/Anion Ratio	0.99
--------------------	------

NO ₃ -N (ppm)	0.81
Total P (ppm)	< 0.20

Reviewed by:

