

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 34998
Date Received: 6/26/2023
Date Reported: 6/27/2023

Submitted By: Soil and Water Consulting

Lab Number	1409
Sample Location	IRRIGATION WATER
Sample Description	HOLE # 3 POND

pH	7.01
Hardness (ppm)	62.96
Hardness (grains/gal)	3.68
Conductivity (mmhos/cm)	0.38
Sodium Adsorp. Ratio	3.09
Adjusted SAR	3.96
Adjusted RNa	3.01
pHc	8.12
Residual Sodium Carbonate (RSC)	1.03

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)	20.71	1.03	4.70	
Magnesium (Mg)	2.69	0.22	0.61	
Potassium (K)	1.88	0.05	0.43	
Sodium (Na)	56.26	2.45	12.76	
Iron (Fe)	< 0.10			
Total Alkalinity (CaCO ₃)	114.26		25.91	
Carbonate (CO ₃)	0.00			
Bicarbonate (HCO ₃)	139.42	2.29	31.62	
Hydroxide (OH)	0.00			
Chloride (Cl)	28.08	0.79	6.37	
Sulfur as (SO ₄)	33.41	0.70	7.58	
Salt Concentration (TDS)	242.82		55.07	
Boron (B)	0.07		0.02	

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)	0.87
Total P (ppm)	< 0.20

Reviewed by:

