

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 34998
Date Received: 10/21/2024
Date Reported: 10/22/2024

Submitted By: Soil and Water Consulting

Lab Number	2497
Sample Location	IRRIGATION WATER
Sample Description	HOLE #11

pH	8.12
Hardness (ppm)	218.45
Hardness (grains/gal)	12.77
Conductivity (mmhos/cm)	0.87
Sodium Adsorp. Ratio	3.18
Adjusted SAR	6.18
Adjusted RNa	4.05
pHc	7.45
Residual Sodium Carbonate (RSC)	-0.40

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)	66.15	3.30	15.00	
Magnesium (Mg)	12.90	1.06	2.93	
Potassium (K)	6.44	0.16	1.46	
Sodium (Na)	107.85	4.69	24.46	
Iron (Fe)	< 0.10			
Total Alkalinity (CaCO3)	198.00		44.91	
Carbonate (CO3)	0.00			
Bicarbonate (HCO3)	241.60	3.96	54.79	
Hydroxide (OH)	0.00			
Chloride (Cl)	89.36	2.52	20.27	
Sulfur as (S04)	122.20	2.54	27.71	
Salt Concentration (TDS)	556.80		126.28	
Boron (B)	0.17		0.04	

Cation/Anion Ratio	1.02
--------------------	------

Reviewed by: _____