

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 34998
Date Received: 9/27/2021
Date Reported: 9/28/2021

Submitted By: Soil and Water Consulting

Lab Number	2417
Sample Location	IRRIGATION WATER
Sample Description	HOLE #2

pH	8.15
Hardness (ppm)	61.08
Hardness (grains/gal)	3.57
Conductivity (mmhos/cm)	0.39
Sodium Adsorp. Ratio	3.53
Adjusted SAR	4.80
Adjusted RNa	3.53
pHc	8.04
Residual Sodium Carbonate (RSC)	1.52

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)	21.19	1.06	4.81	
Magnesium (Mg)	1.94	0.16	0.44	
Potassium (K)	1.93	0.05	0.44	
Sodium (Na)	63.25	2.75	14.35	
Iron (Fe)	< 0.10			
Total Alkalinity (CaCO ₃)	136.88		31.04	
Carbonate (CO ₃)	6.37	0.21	1.45	
Bicarbonate (HCO ₃)	154.06	2.53	34.94	
Hydroxide (OH)	0.00			
Chloride (Cl)	27.91	0.79	6.33	
Sulfur as (SO ₄)	31.38	0.65	7.12	
Salt Concentration (TDS)	247.49		56.13	
Boron (B)	0.11		0.03	

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

Cation/Anion Ratio	0.96
--------------------	------

NO ₃ -N (ppm)	0.61
Total P (ppm)	< 0.20

Reviewed by:

