

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Quail Creek Country Club
P.O. Box 1810
Green Valley, AZ 85622

File Number: 36542
Date Received: 3/27/2023
Date Reported: 3/28/2023

Submitted By: Soil and Water Consulting

Lab Number	0534
Sample Location	IRRIGATION WATER
Sample Description	HOLE #1

pH	7.50
Hardness (ppm)	50.87
Hardness (grains/gal)	2.97
Conductivity (mmhos/cm)	0.53
Sodium Adsorp. Ratio	6.26
Adjusted SAR	7.00
Adjusted RNa	
pHc	8.28
Residual Sodium Carbonate (RSC)	0.75

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		19.97	1.00	4.53
Magnesium (Mg)		< 0.20		
Potassium (K)		2.42	0.06	0.55
Sodium (Na)		101.55	4.42	23.03
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO ₃)		87.36		19.81
Carbonate (CO ₃)		0.00		
Bicarbonate (HCO ₃)		106.60	1.75	24.18
Hydroxide (OH)		0.00		
Chloride (Cl)		3.06	0.09	0.69
Sulfur as (SO ₄)		175.17	3.65	39.73
Salt Concentration (TDS)		340.61		77.25
Boron (B)		0.23		0.05

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

Cation/Anion Ratio	1.00
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NO ₃ -N (ppm)	0.12
Total P (ppm)	< 0.20

Reviewed by:

