

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Quail Creek Golf Club
1490 N Quail Range Loop, #2
Green Valley, AZ 85614

File Number: 89490
Date Received: 10/21/2024
Date Reported: 10/22/2024

Submitted By: Soil and Water Consulting

Lab Number	2502
Sample Location	IRRIGATION WATER
Sample Description	QUAIL #1

pH	8.19
Hardness (ppm)	50.53
Hardness (grains/gal)	2.96
Conductivity (mmhos/cm)	0.61
Sodium Adsorp. Ratio	6.74
Adjusted SAR	7.84
Adjusted RNa	6.23
pHc	8.24
Residual Sodium Carbonate (RSC)	1.01

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		19.54	0.98	4.43
Magnesium (Mg)		0.38	0.03	0.09
Potassium (K)		2.73	0.07	0.62
Sodium (Na)		110.01	4.78	24.95
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO3)		101.00		22.91
Carbonate (CO3)		0.00		
Bicarbonate (HCO3)		123.24	2.02	27.95
Hydroxide (OH)		0.00		
Chloride (Cl)		8.00	0.23	1.81
Sulfur as (S04)		182.28	3.80	41.34
Salt Concentration (TDS)		389.12		88.25
Boron (B)		0.27		0.06

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

Cation/Anion Ratio	0.97
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NO3-N (ppm)	< 0.10
Total P (ppm)	< 0.20

Reviewed by: _____