

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS

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

File Number: 89490
Date Received: 09/22/2025
Date Reported: 09/23/2025

Submitted By: Soil and Water Consulting

Lab Number	2308
Sample Location	COYOTE
Sample Description	IRRIGATION WATER HOLE #1

pH	8.00
Hardness (ppm)	53.64
Hardness (grains/gal)	3.14
Conductivity (mmhos/cm)	0.61
Sodium Adsorp. Ratio	6.87
Adjusted SAR	9.05
Adjusted RNa	
pHc	8.08
Residual Sodium Carbonate (RSC)	0.63

	(ppm)	meq/l	lbs/ac in
Calcium (Ca)	21.08	1.05	4.78
Magnesium (Mg)	< 0.20		
Potassium (K)	0.90	0.02	0.20
Sodium (Na)	114.66	4.99	26.00
Iron (Fe)	< 0.10		
Total Alkalinity (CaCO ₃)	87.18		19.77
Carbonate (CO ₃)	0.00		
Bicarbonate (HCO ₃)	102.45	1.68	23.24
Hydroxide (OH)	0.00		
Chloride (Cl)	14.47	0.41	3.28
Sulfur as (SO ₄)	186.01	3.87	42.19
Salt Concentration (TDS)	390.40		88.54
Boron (B)	0.05		0.01

Reviewed by:

