

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: 3/21/2024
Date Reported: 3/22/2024

Submitted By: Soil and Water Consulting

Lab Number	0508
Sample Location	IRRIGATION WATER
Sample Description	COYOTE #5

pH	7.78
Hardness (ppm)	54.36
Hardness (grains/gal)	3.18
Conductivity (mmhos/cm)	0.57
Sodium Adsorp. Ratio	6.21
Adjusted SAR	7.50
Adjusted RNa	
pHc	8.19
Residual Sodium Carbonate (RSC)	0.93

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)	21.37	1.07	4.85	
Magnesium (Mg)	< 0.20			
Potassium (K)	2.38	0.06	0.54	
Sodium (Na)	104.24	4.53	23.64	
Iron (Fe)	< 0.10			
Total Alkalinity (CaCO3)	100.03			22.69
Carbonate (CO3)	0.00			
Bicarbonate (HCO3)	122.06	2.00	27.68	
Hydroxide (OH)	0.00			
Chloride (Cl)	6.13	0.17	1.39	
Sulfur as (S04)	170.32	3.55	38.63	
Salt Concentration (TDS)	364.35			82.63
Boron (B)	0.21			0.05

Cation/Anion Ratio	0.99
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Reviewed by: _____