

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 36542
Date Received: 9/29/2023
Date Reported: 10/2/2023

Submitted By: Soil and Water Consulting

Lab Number	2169
Sample Location	IRRIGATION WATER
Sample Description	COYOTE HOLE #3

pH	8.72
Hardness (ppm)	41.50
Hardness (grains/gal)	2.43
Conductivity (mmhos/cm)	0.58
Sodium Adsorp. Ratio	7.91
Adjusted SAR	8.18
Adjusted RNa	
pHc	8.37
Residual Sodium Carbonate (RSC)	1.00

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		16.22	0.81	3.68
Magnesium (Mg)		< 0.20		
Potassium (K)		2.84	0.07	0.64
Sodium (Na)		115.80	5.03	26.26
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO ₃)		90.28		20.47
Carbonate (CO ₃)		29.68	0.99	6.73
Bicarbonate (HCO ₃)		49.81	0.82	11.30
Hydroxide (OH)		0.00		
Chloride (Cl)		6.13	0.17	1.39
Sulfur as (SO ₄)		180.32	3.75	40.90
Salt Concentration (TDS)		371.26		84.20
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	1.03
--------------------	------

NO ₃ -N (ppm)	< 0.10
Total P (ppm)	0.20

Reviewed by:

