

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Iron Wolf Golf & Country Club
3275 N Latrobe Drive
Lake Havasu City, AZ 86404

File Number: 56022
Date Received: 3/24/2025
Date Reported: 3/25/2025

Submitted By: Soil and Water Consulting

Lab Number	0531
Sample Location	IRRIGATION WATER
Sample Description	HOLE #5

pH	7.72
Hardness (ppm)	179.57
Hardness (grains/gal)	10.50
Conductivity (mmhos/cm)	1.76
Sodium Adsorp. Ratio	9.48
Adjusted SAR	14.67
Adjusted RNa	10.54
pHc	7.85
Residual Sodium Carbonate (RSC)	-0.94

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		45.60	2.28	10.34
Magnesium (Mg)		15.92	1.31	3.61
Potassium (K)		9.31	0.24	2.11
Sodium (Na)		291.96	12.69	66.22
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO3)		132.00		29.94
Carbonate (CO3)		0.00		
Bicarbonate (HCO3)		161.07	2.64	36.53
Hydroxide (OH)		0.00		
Chloride (Cl)		370.54	10.45	84.04
Sulfur as (S04)		198.70	4.14	45.07
Salt Concentration (TDS)		1123.84		254.89
Boron (B)		0.74		0.17

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

Cation/Anion Ratio	0.96
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NO3-N (ppm)	0.74
Total P (ppm)	0.21

Reviewed by: _____