

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Canyon Gate Country Club
2001 Canyon Gate Drive
Las Vegas, NV 89117

File Number: 46715
Date Received: 3/25/2025
Date Reported: 3/26/2025

Submitted By: Soil and Water Consulting

Lab Number	0543
Sample Location	IRRIGATION WATER
Sample Description	P.G.

pH	7.66
Hardness (ppm)	284.03
Hardness (grains/gal)	16.61
Conductivity (mmhos/cm)	0.98
Sodium Adsorp. Ratio	2.34
Adjusted SAR	4.33
Adjusted RNa	2.73
pHc	7.55
Residual Sodium Carbonate (RSC)	-2.79

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	73.16	3.65	16.59
Magnesium	(Mg)	24.58	2.02	5.58
Potassium	(K)	6.77	0.17	1.53
Sodium	(Na)	90.68	3.94	20.57
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO3)	144.00		32.66
Carbonate	(CO3)	0.00		
Bicarbonate	(HCO3)	175.71	2.88	39.85
Hydroxide	(OH)	0.00		
Chloride	(Cl)	94.30	2.66	21.39
Sulfur as	(S04)	218.74	4.55	49.61
Salt Concentration	(TDS)	626.56		142.10
Boron	(B)	0.13		0.03

Cation/Anion Ratio	0.97
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Reviewed by: _____