

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 46715
Date Received: 4/15/2024
Date Reported: 4/16/2024

Submitted By: Soil and Water Consulting

Lab Number	0687
Sample Location	IRRIGATION WATER
Sample Description	HOLE #18

pH	7.15
Hardness (ppm)	272.58
Hardness (grains/gal)	15.94
Conductivity (mmhos/cm)	0.94
Sodium Adsorp. Ratio	2.28
Adjusted SAR	4.18
Adjusted RNa	2.66
pHc	7.57
Residual Sodium Carbonate (RSC)	-2.66

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	72.68	3.63	16.48
Magnesium	(Mg)	22.09	1.82	5.01
Potassium	(K)	4.71	0.12	1.07
Sodium	(Na)	86.61	3.77	19.64
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	139.23		31.58
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	169.89	2.78	38.53
Hydroxide	(OH)	0.00		
Chloride	(Cl)	93.95	2.65	21.31
Sulfur as	(S04)	210.29	4.38	47.69
Salt Concentration	(TDS)	601.98		136.53
Boron	(B)	0.14		0.03

Manganese	(Mn)	< 0.020		
Copper	(Cu)	< 0.020		
Zinc	(Zn)	0.071		0.016
Aluminum	(Al)	< 0.200		

Cation/Anion Ratio	0.95
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NO ₃ -N (ppm)	0.55
Total P (ppm)	0.24

Reviewed by:

