

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 46715
Date Received: 9/27/2021
Date Reported: 9/28/2021

Submitted By: Soil and Water Consulting

Lab Number	2404
Sample Location	IRRIGATION WATER
Sample Description	#2

pH	8.26
Hardness (ppm)	256.27
Hardness (grains/gal)	14.99
Conductivity (mmhos/cm)	0.58
Sodium Adsorp. Ratio	0.56
Adjusted SAR	1.04
Adjusted RNa	0.63
pHc	7.53
Residual Sodium Carbonate (RSC)	-1.44

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)	54.18	2.70	12.29	
Magnesium (Mg)	29.35	2.41	6.66	
Potassium (K)	2.58	0.07	0.59	
Sodium (Na)	20.42	0.89	4.63	
Iron (Fe)	< 0.10			
Total Alkalinity (CaCO ₃)	184.08		41.75	
Carbonate (CO ₃)	7.08	0.24	1.61	
Bicarbonate (HCO ₃)	210.22	3.45	47.68	
Hydroxide (OH)	0.00			
Chloride (Cl)	36.59	1.03	8.30	
Sulfur as (SO ₄)	88.53	1.84	20.08	
Salt Concentration (TDS)	370.88		84.12	
Boron (B)	< 0.05			

Cation/Anion Ratio	0.93
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Reviewed by:

