

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 46715
Date Received: 3/29/2021
Date Reported: 3/30/2021

Submitted By: Soil and Water Consulting

Lab Number	0587
Sample Location	IRRIGATION WATER
Sample Description	#9

pH	7.91
Hardness (ppm)	258.58
Hardness (grains/gal)	15.12
Conductivity (mmhos/cm)	0.87
Sodium Adsorp. Ratio	2.16
Adjusted SAR	3.94
Adjusted RNa	2.49
pHc	7.57
Residual Sodium Carbonate (RSC)	-2.18

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		65.26	3.26	14.80
Magnesium (Mg)		23.19	1.91	5.26
Potassium (K)		4.42	0.11	1.00
Sodium (Na)		79.68	3.46	18.07
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO ₃)		149.27		33.85
Carbonate (CO ₃)		0.00		
Bicarbonate (HCO ₃)		182.14	2.99	41.31
Hydroxide (OH)		0.00		
Chloride (Cl)		78.47	2.21	17.80
Sulfur as (SO ₄)		186.12	3.88	42.21
Salt Concentration (TDS)		558.08		126.57
Boron (B)		0.11		0.02

Cation/Anion Ratio	0.96
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Reviewed by:

