

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 46715
Date Received: 3/24/2022
Date Reported: 3/25/2022

Submitted By: Soil and Water Consulting

Lab Number	0540
Sample Location	IRRIGATION WATER
Sample Description	#9

pH	7.03
Hardness (ppm)	278.08
Hardness (grains/gal)	16.26
Conductivity (mmhos/cm)	0.91
Sodium Adsorp. Ratio	2.30
Adjusted SAR	4.32
Adjusted RNa	2.71
pHc	7.52
Residual Sodium Carbonate (RSC)	-2.40

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	71.19	3.55	16.15
Magnesium	(Mg)	24.33	2.00	5.52
Potassium	(K)	4.52	0.12	1.02
Sodium	(Na)	88.13	3.83	19.99
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	157.53		35.73
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	192.22	3.15	43.60
Hydroxide	(OH)	0.00		
Chloride	(Cl)	91.91	2.59	20.85
Sulfur as	(S04)	204.27	4.25	46.33
Salt Concentration	(TDS)	580.86		131.74
Boron	(B)	0.13		0.03

Cation/Anion Ratio	0.95
--------------------	------

Reviewed by:

