

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 46715
Date Received: 3/17/2023
Date Reported: 3/20/2023

Submitted By: Soil and Water Consulting

Lab Number	0472
Sample Location	IRRIGATION WATER
Sample Description	#3

pH	7.77
Hardness (ppm)	298.65
Hardness (grains/gal)	17.46
Conductivity (mmhos/cm)	0.99
Sodium Adsorp. Ratio	2.34
Adjusted SAR	4.34
Adjusted RNa	2.72
pHc	7.55
Residual Sodium Carbonate (RSC)	-3.16

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	75.09	3.75	17.03
Magnesium	(Mg)	26.96	2.22	6.11
Potassium	(K)	4.92	0.13	1.12
Sodium	(Na)	93.06	4.05	21.11
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	140.36		31.83
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	171.27	2.81	38.84
Hydroxide	(OH)	0.00		
Chloride	(Cl)	102.47	2.89	23.24
Sulfur as	(S04)	238.81	4.97	54.16
Salt Concentration	(TDS)	631.68		143.27
Boron	(B)	0.11		0.02

Manganese	(Mn)	< 0.020
Copper	(Cu)	< 0.020
Zinc	(Zn)	< 0.040
Aluminum	(Al)	< 0.200

Cation/Anion Ratio	0.95
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NO ₃ -N (ppm)	0.64
Total P (ppm)	< 0.20

Reviewed by:

