

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 46715
Date Received: 9/15/2022
Date Reported: 9/16/2022

Submitted By: Soil and Water Consulting

Lab Number	2057
Sample Location	IRRIGATION WATER
Sample Description	#7

pH	7.74
Hardness (ppm)	269.53
Hardness (grains/gal)	15.76
Conductivity (mmhos/cm)	0.60
Sodium Adsorp. Ratio	0.43
Adjusted SAR	0.81
Adjusted RNa	0.50
pHc	7.51
Residual Sodium Carbonate (RSC)	-1.76

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		58.42	2.92	13.25
Magnesium (Mg)		30.00	2.47	6.80
Potassium (K)		1.75	0.04	0.40
Sodium (Na)		16.22	0.71	3.68
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO ₃)		181.26		41.11
Carbonate (CO ₃)		0.00		
Bicarbonate (HCO ₃)		221.17	3.63	50.16
Hydroxide (OH)		0.00		
Chloride (Cl)		32.51	0.92	7.37
Sulfur as (S04)		81.54	1.70	18.49
Salt Concentration (TDS)		382.21		86.69
Boron (B)		0.06		0.01

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

Cation/Anion Ratio	0.98
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NO ₃ -N (ppm)	1.78
Total P (ppm)	0.25

Reviewed by:

Jackie Brackman