

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 46715
Date Received: 3/9/2020
Date Reported: 3/10/2020

Submitted By: Soil and Water Consulting

Lab Number	0415
Sample Location	IRRIGATION WATER
Sample Description	HOLE #1

pH	8.11
Hardness (ppm)	264.48
Hardness (grains/gal)	15.47
Conductivity (mmhos/cm)	0.85
Sodium Adsorp. Ratio	2.19
Adjusted SAR	4.01
Adjusted RNa	2.42
pHc	7.56
Residual Sodium Carbonate (RSC)	-2.37

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	68.51	3.42	15.54
Magnesium	(Mg)	22.65	1.86	5.14
Potassium	(K)	5.35	0.14	1.21
Sodium	(Na)	81.67	3.55	18.52
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	145.67		33.04
Carbonate	(CO ₃)	21.07	0.70	4.78
Bicarbonate	(HCO ₃)	134.91	2.21	30.60
Hydroxide	(OH)	0.00		
Chloride	(Cl)	82.72	2.33	18.76
Sulfur as	(S04)	199.56	4.15	45.26
Salt Concentration	(TDS)	542.46		123.03
Boron	(B)	0.12		0.03

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)	0.10
Total P (ppm)	< 0.20

Reviewed by:

