

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 46715
Date Received: 6/27/2018
Date Reported: 6/28/2018

Submitted By: Soil and Water Consulting

Lab Number	1354
Sample Location	IRRIGATION WATER
Sample Description	HOLE #9 FILL

pH		7.36
Hardness	(ppm)	273.87
Hardness	(grains/gal)	16.02
Conductivity	(mmhos/cm)	1.02
Sodium Adsorp. Ratio		2.22
Adjusted SAR		4.31
Adjusted RNa		2.66
pHc		7.46
Residual Sodium Carbonate (RSC)		-1.51

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	64.87	3.24	14.71
Magnesium	(Mg)	27.14	2.23	6.16
Potassium	(K)	11.62	0.30	2.64
Sodium	(Na)	84.58	3.68	19.18
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO3)	198.14		44.94
Carbonate	(CO3)	0.00		
Bicarbonate	(HCO3)	241.76	3.96	54.83
Hydroxide	(OH)	0.00		
Chloride	(Cl)	124.93	3.52	28.33
Sulfur as	(S04)	118.20	2.46	26.81
Salt Concentration	(TDS)	653.38		148.19
Boron	(B)	0.14		0.03

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

Cation/Anion Ratio	0.94
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NO3-N (ppm)	3.99
Total P (ppm)	0.24

Reviewed by:

