

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 46715
Date Received: 03/12/2018
Date Reported: 03/13/2018

Submitted By: Soil and Water Consulting

Lab Number	0342
Sample Location	IRRIGATION WATER
Sample Description	DIRECT LINE

pH	6.86
Hardness (ppm)	293.41
Hardness (grains/gal)	17.16
Conductivity (mmhos/cm)	1.78
Sodium Adsorp. Ratio	5.64
Adjusted SAR	9.91
Adjusted RNa	6.55
pHc	7.64
Residual Sodium Carbonate (RSC)	-3.43

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	78.45	3.91	17.79
Magnesium	(Mg)	23.65	1.94	5.36
Potassium	(K)	20.88	0.53	4.74
Sodium	(Na)	222.10	9.66	50.37
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	121.38		27.53
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	148.11	2.43	33.59
Hydroxide	(OH)	0.00		
Chloride	(Cl)	292.59	8.25	66.36
Sulfur as	(S04)	226.38	4.71	51.34
Salt Concentration	(TDS)	1139.07		258.34
Boron	(B)	0.35		0.08

Manganese	(Mn)	< 0.020		
Copper	(Cu)	< 0.020		
Zinc	(Zn)	0.089		0.020
Aluminum	(Al)	< 0.200		

Cation/Anion Ratio	1.03
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NO ₃ -N (ppm)	16.04
Total P (ppm)	1.35

Reviewed by:

