

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 46715
Date Received: 6/13/2016
Date Reported: 6/14/2016

Submitted By: Soil and Water Consulting

Lab Number	1536
Sample Location	Irrigation Water
Sample Description	Hole # 11

pH	7.59
Hardness (ppm)	284.17
Hardness (grains/gal)	16.62
Conductivity (mmhos/cm)	0.99
Sodium Adsorp. Ratio	2.27
Adjusted SAR	4.36
pHc	7.48
Residual Sodium Carbonate (RSC)	-2.00

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	67.94	3.39	15.41
Magnesium	(Mg)	27.78	2.28	6.30
Potassium	(K)	8.91	0.23	2.02
Sodium	(Na)	87.78	3.82	19.91
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	183.86		41.70
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	224.34	3.68	50.88
Hydroxide	(OH)	0.00		
Chloride	(Cl)	119.32	3.36	27.06
Sulfur as	(S04)	135.09	2.81	30.64
Salt Concentration	(TDS)	631.04		143.12
Boron	(B)	0.13		0.03

Manganese	(Mn)	< 0.020	
Copper	(Cu)	< 0.020	
Zinc	(Zn)	0.045	0.010
Aluminum	(Al)	< 0.200	

Cation/Anion Ratio	0.98
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NO ₃ -N (ppm)	5.90
Total P (ppm)	0.45

Reviewed by:

