

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 46715
Date Received: 9/27/2017
Date Reported: 9/28/2017

Submitted By: Soil and Water Consulting

Lab Number	2453
Sample Location	Water
Sample Description	

pH	7.18
Hardness (ppm)	318.83
Hardness (grains/gal)	18.65
Conductivity (mmhos/cm)	1.26
Sodium Adsorp. Ratio	3.26
Adjusted SAR	6.44
Adjusted RNa	3.97
pHc	7.42
Residual Sodium Carbonate (RSC)	-2.46

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		77.80	3.88	17.65
Magnesium (Mg)		30.22	2.49	6.85
Potassium (K)		14.14	0.36	3.21
Sodium (Na)		133.60	5.81	30.30
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO ₃)		195.16		44.26
Carbonate (CO ₃)		0.00		
Bicarbonate (HCO ₃)		238.13	3.90	54.01
Hydroxide (OH)		0.00		
Chloride (Cl)		175.65	4.95	39.84
Sulfur as (SO ₄)		149.34	3.11	33.87
Salt Concentration (TDS)		804.48		182.46
Boron (B)		0.19		0.04

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

Cation/Anion Ratio	1.04
--------------------	------

NO ₃ -N (ppm)	7.17
Total P (ppm)	0.84

Reviewed by:

