

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Boulder City Municipal Golf Course
1 Clubhouse Drive
Boulder City, NV 89005

File Number: 48318
Date Received: 6/13/2008
Date Reported: 6/16/2008

Submitted By: Soil and Water Consulting

Lab Number	1524
Sample Location	IRRIGATION WATER
Sample Description	HOLE #4 GREEN

pH	7.65
Hardness (ppm)	284.36
Hardness (grains/gal)	16.63
Conductivity (mmhos/cm)	1.02
Sodium Adsorp. Ratio	2.15
Adjusted SAR	3.88
Adjusted RNa	2.46
pHc	7.60
Residual Sodium Carbonate (RSC)	-3.03

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	71.77	3.58	16.28
Magnesium	(Mg)	25.33	2.08	5.75
Potassium	(K)	4.51	0.12	1.02
Sodium	(Na)	83.24	3.62	18.88
Iron	(Fe)	0.50		0.11
Total Alkalinity	(CaCO ₃)	131.60		29.85
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	160.58	2.63	36.42
Hydroxide	(OH)	0.00		
Chloride	(Cl)	86.47	2.44	19.61
Sulfur as	(S04)	224.41	4.67	50.90
Salt Concentration	(TDS)	652.80		148.06
Boron	(B)	0.13		0.03

Cation/Anion Ratio	0.96
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Reviewed by:

