

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Chimera Golf Club at Tuscany
Henderson, NV

File Number: 57067
Date Received: 6/8/2016
Date Reported: 6/9/2016

Submitted By: Soil and Water Consulting

Lab Number	1488
Sample Location	Irrigation Water
Sample Description	Pond # 1

pH	6.74
Hardness (ppm)	388.55
Hardness (grains/gal)	22.72
Conductivity (mmhos/cm)	1.90
Sodium Adsorp. Ratio	5.06
Adjusted SAR	9.35
pHc	7.55
Residual Sodium Carbonate (RSC)	-5.33

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	101.60	5.07	23.04
Magnesium	(Mg)	32.72	2.69	7.42
Potassium	(K)	18.69	0.48	4.24
Sodium	(Na)	229.20	9.97	51.98
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)	289.35	8.16	65.62
Sulfur as	(S04)	364.50	7.59	82.67
Salt Concentration	(TDS)	1212.80		275.06
Boron	(B)	0.38		0.09

Manganese	(Mn)	< 0.020		
Copper	(Cu)	< 0.020		
Zinc	(Zn)	0.087		0.020
Aluminum	(Al)	0.205		0.047

Cation/Anion Ratio	0.99
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NO ₃ -N (ppm)	14.24
Total P (ppm)	0.31

Reviewed by:

