

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Chimera Golf Club at Tuscany
Henderson, NV

File Number: 57067
Date Received: 6/28/2017
Date Reported: 6/29/2017

Submitted By: Soil and Water Consulting

Lab Number	1636
Sample Location	Irrigation Water
Sample Description	Pond # 18

pH	7.84
Hardness (ppm)	362.26
Hardness (grains/gal)	21.18
Conductivity (mmhos/cm)	1.86
Sodium Adsorp. Ratio	5.11
Adjusted SAR	9.37
Adjusted RNa	6.04
pHc	7.57
Residual Sodium Carbonate (RSC)	-4.84

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		97.45	4.86	22.10
Magnesium (Mg)		28.85	2.37	6.54
Potassium (K)		16.28	0.42	3.69
Sodium (Na)		223.50	9.72	50.69
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO3)		119.59		27.12
Carbonate (CO3)		0.00		
Bicarbonate (HCO3)		145.93	2.39	33.10
Hydroxide (OH)		0.00		
Chloride (Cl)		266.21	7.51	60.38
Sulfur as (S04)		298.62	6.22	67.73
Salt Concentration (TDS)		1191.68		270.27
Boron (B)		0.33		0.07

Manganese (Mn)		< 0.020		
Copper (Cu)		< 0.020		
Zinc (Zn)		< 0.040		
Aluminum (Al)		0.222		0.050

Cation/Anion Ratio	1.06
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NO3-N (ppm)	14.18
Total P (ppm)	< 0.20

Reviewed by:



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Lab Number	1637
Sample Location	Irrigation Water
Sample Description	Wet Well

pH	6.54
Hardness (ppm)	366.10
Hardness (grains/gal)	21.41
Conductivity (mmhos/cm)	1.93
Sodium Adsorp. Ratio	5.08
Adjusted SAR	7.07
Adjusted RNa	4.84
pHc	8.01
Residual Sodium Carbonate (RSC)	-6.47

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	99.68	4.97	22.61
Magnesium	(Mg)	28.43	2.34	6.45
Potassium	(K)	15.97	0.41	3.62
Sodium	(Na)	223.20	9.70	50.62
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	42.24		9.58
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	51.55	0.84	11.69
Hydroxide	(OH)	0.00		
Chloride	(Cl)	256.67	7.24	58.21
Sulfur as	(S04)	364.50	7.59	82.67
Salt Concentration	(TDS)	1235.84		280.29
Boron	(B)	0.32		0.07

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

Cation/Anion Ratio	1.10
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NO ₃ -N (ppm)	13.37
Total P (ppm)	< 0.20

Reviewed by:

