

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Chimera Golf Club at Tuscany
Henderson, NV

File Number: 57067
Date Received: 6/21/2019
Date Reported: 6/24/2019

Submitted By: Soil and Water Consulting

Lab Number	1432
Sample Location	Irrigation Water
Sample Description	WET WELL

pH	6.76
Hardness (ppm)	400.42
Hardness (grains/gal)	23.42
Conductivity (mmhos/cm)	1.83
Sodium Adsorp. Ratio	4.91
Adjusted SAR	7.92
Adjusted RNa	5.24
pHc	7.79
Residual Sodium Carbonate (RSC)	-6.62

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	103.70	5.17	23.52
Magnesium	(Mg)	34.33	2.82	7.79
Potassium	(K)	18.96	0.48	4.30
Sodium	(Na)	226.00	9.83	51.26
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	68.97		15.64
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	84.16	1.38	19.09
Hydroxide	(OH)	0.00		
Chloride	(Cl)	262.29	7.40	59.49
Sulfur as	(S04)	416.40	8.67	94.44
Salt Concentration	(TDS)	1173.18		266.08
Boron	(B)	0.40		0.09

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)	14.89
Total P (ppm)	< 0.20

Reviewed by:



BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Chimera Golf Club at Tuscany
Henderson, NV

File Number: 57067
Date Received: 6/21/2019
Date Reported: 6/24/2019

Submitted By: Soil and Water Consulting

Lab Number	1433
Sample Location	Irrigation Water
Sample Description	Pond # 18

pH	6.88
Hardness (ppm)	403.03
Hardness (grains/gal)	23.57
Conductivity (mmhos/cm)	1.85
Sodium Adsorp. Ratio	4.96
Adjusted SAR	8.25
Adjusted RNa	5.40
pHc	7.73
Residual Sodium Carbonate (RSC)	-6.50

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	104.30	5.20	23.66
Magnesium	(Mg)	34.60	2.85	7.85
Potassium	(K)	19.19	0.49	4.35
Sodium	(Na)	228.70	9.94	51.87
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	77.44		17.56
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	94.49	1.55	21.43
Hydroxide	(OH)	0.00		
Chloride	(Cl)	262.80	7.41	59.60
Sulfur as	(S04)	411.60	8.57	93.35
Salt Concentration	(TDS)	1183.49		268.42
Boron	(B)	0.40		0.09

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)	15.39
Total P (ppm)	< 0.20

Reviewed by:

