

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 46715
Date Received: 3/14/2019
Date Reported: 3/15/2019

Submitted By: Soil and Water Consulting

Lab Number	0399
Sample Location	IRRIGATION WATER
Sample Description	HOLE #5

pH	6.87
Hardness (ppm)	260.39
Hardness (grains/gal)	15.23
Conductivity (mmhos/cm)	1.73
Sodium Adsorp. Ratio	5.56
Adjusted SAR	10.06
Adjusted RNa	6.66
pHc	7.59
Residual Sodium Carbonate (RSC)	-2.13

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	69.94	3.49	15.86
Magnesium	(Mg)	20.79	1.71	4.72
Potassium	(K)	22.58	0.58	5.12
Sodium	(Na)	206.30	8.97	46.79
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO3)	153.60		34.84
Carbonate	(CO3)	0.00		
Bicarbonate	(HCO3)	187.42	3.07	42.51
Hydroxide	(OH)	0.00		
Chloride	(Cl)	254.29	7.17	57.67
Sulfur as	(S04)	225.06	4.69	51.04
Salt Concentration	(TDS)	1105.09		250.63
Boron	(B)	0.26		0.06
Manganese	(Mn)	0.043		0.010
Copper	(Cu)	0.026		0.006
Zinc	(Zn)	0.088		0.020
Aluminum	(Al)	< 0.200		

Cation/Anion Ratio	0.98
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NO3-N (ppm)	11.34
Total P (ppm)	0.82

Reviewed by:



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Lab Number	0400
Sample Location	IRRIGATION WATER
Sample Description	POND #9

pH	7.23
Hardness (ppm)	264.53
Hardness (grains/gal)	15.47
Conductivity (mmhos/cm)	1.84
Sodium Adsorp. Ratio	5.85
Adjusted SAR	11.82
Adjusted RNa	7.57
pHc	7.38
Residual Sodium Carbonate (RSC)	-0.34

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		70.56	3.52	16.00
Magnesium (Mg)		21.42	1.76	4.86
Potassium (K)		24.58	0.63	5.57
Sodium (Na)		218.70	9.51	49.60
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO3)		247.20		56.06
Carbonate (CO3)		0.00		
Bicarbonate (HCO3)		301.63	4.94	68.41
Hydroxide (OH)		0.00		
Chloride (Cl)		268.76	7.58	60.95
Sulfur as (S04)		212.70	4.43	48.24
Salt Concentration (TDS)		1175.36		266.57
Boron (B)		0.28		0.06

Manganese (Mn)	< 0.020			
Copper (Cu)	< 0.020			
Zinc (Zn)	0.060			0.014
Aluminum (Al)	< 0.200			

Cation/Anion Ratio	0.90
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NO3-N (ppm)	5.91
Total P (ppm)	1.61

Reviewed by:

