

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Las Vegas Country Club
Joe W. Brown Street
Las Vegas, NV 89109

File Number: 51324
Date Received: 4/4/2017
Date Reported: 4/5/2017

Submitted By: Soil and Water Consulting

Lab Number	0721
Sample Location	Lake 11
Sample Description	3/22/17

pH	8.13
Hardness (ppm)	363.32
Hardness (grains/gal)	21.25
Conductivity (mmhos/cm)	0.79
Sodium Adsorp. Ratio	0.47
Adjusted SAR	0.93
Adjusted RNa	0.53
pHc	7.42
Residual Sodium Carbonate (RSC)	-3.66

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	76.89	3.84	17.44
Magnesium	(Mg)	41.58	3.42	9.43
Potassium	(K)	6.41	0.16	1.45
Sodium	(Na)	20.51	0.89	4.65
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	179.95		40.81
Carbonate	(CO ₃)	22.66	0.76	5.14
Bicarbonate	(HCO ₃)	173.50	2.84	39.35
Hydroxide	(OH)	0.00		
Chloride	(Cl)	22.30	0.63	5.06
Sulfur as	(S04)	208.86	4.35	47.37
Salt Concentration	(TDS)	503.04		114.09
Boron	(B)	0.13		0.03

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

Cation/Anion Ratio	0.97
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NO ₃ -N (ppm)	0.68
Total P (ppm)	< 0.20

Reviewed by:



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Submitted By: Soil and Water Consulting

Lab Number	0722
Sample Location	Lake 18
Sample Description	3/22/17

pH	8.15
Hardness (ppm)	362.77
Hardness (grains/gal)	21.21
Conductivity (mmhos/cm)	0.78
Sodium Adsorp. Ratio	0.46
Adjusted SAR	0.90
Adjusted RNa	0.52
pHc	7.43
Residual Sodium Carbonate (RSC)	-3.69

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	77.15	3.85	17.50
Magnesium	(Mg)	41.29	3.40	9.36
Potassium	(K)	6.22	0.16	1.41
Sodium	(Na)	20.06	0.87	4.55
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	177.59		40.28
Carbonate	(CO ₃)	20.54	0.68	4.66
Bicarbonate	(HCO ₃)	174.94	2.87	39.68
Hydroxide	(OH)	0.00		
Chloride	(Cl)	18.55	0.52	4.21
Sulfur as	(S04)	203.94	4.25	46.25
Salt Concentration	(TDS)	499.84		113.36
Boron	(B)	0.14		0.03

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

Cation/Anion Ratio	0.99
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NO ₃ -N (ppm)	0.92
Total P (ppm)	< 0.20

Reviewed by:

