

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Tucson Country Club
2950 N. Camino Principal
Tucson, AZ 85715

File Number: 34998
Date Received: 9/12/2016
Date Reported: 9/13/2016

Submitted By: Soil and Water Consulting

Lab Number	2421
Sample Location	Effluent Lake
Sample Description	Irrigation Well

pH	7.89
Hardness (ppm)	48.86
Hardness (grains/gal)	2.86
Conductivity (mmhos/cm)	0.46
Sodium Adsorp. Ratio	5.16
Adjusted SAR	6.94
pHc	8.06
Residual Sodium Carbonate (RSC)	2.24

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	17.75	0.89	4.03
Magnesium	(Mg)	1.06	0.09	0.24
Potassium	(K)	1.45	0.04	0.33
Sodium	(Na)	82.85	3.60	18.79
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	160.48		36.40
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	195.82	3.21	44.41
Hydroxide	(OH)	0.00		
Chloride	(Cl)	16.00	0.45	3.63
Sulfur as	(SO ₄)	23.87	0.50	5.41
Salt Concentration	(TDS)	294.40		66.77
Boron	(B)	0.15		0.03

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)	1.70
Total P (ppm)	< 0.20

Reviewed by:

