

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 34998
Date Received: 6/5/2017
Date Reported: 6/6/2017

Submitted By: Soil and Water Consulting

Lab Number	1364
Sample Location	IRRIGATION WATER
Sample Description	HOLE #4 GREEN

pH	6.93
Hardness (ppm)	89.24
Hardness (grains/gal)	5.22
Conductivity (mmhos/cm)	0.37
Sodium Adsorp. Ratio	1.73
Adjusted SAR	2.51
Adjusted RNa	1.76
pHc	7.95
Residual Sodium Carbonate (RSC)	0.38

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	32.68	1.63	7.41
Magnesium	(Mg)	1.80	0.15	0.41
Potassium	(K)	3.06	0.08	0.69
Sodium	(Na)	37.46	1.63	8.50
Iron	(Fe)	0.13		0.03
Total Alkalinity	(CaCO ₃)	107.70		24.43
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	131.41	2.15	29.80
Hydroxide	(OH)	0.00		
Chloride	(Cl)	14.98	0.42	3.40
Sulfur as	(S04)	28.66	0.60	6.50
Salt Concentration	(TDS)	236.80		53.71
Boron	(B)	0.06		0.01

Manganese	(Mn)	< 0.020		
Copper	(Cu)	< 0.020		
Zinc	(Zn)	< 0.040		
Aluminum	(Al)	0.262		0.059

Cation/Anion Ratio	1.10
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NO ₃ -N (ppm)	< 0.10
Total P (ppm)	0.24

Reviewed by:

