

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 34998
Date Received: 6/24/2019
Date Reported: 6/25/2019

Submitted By: Soil and Water Consulting

Lab Number	1447
Sample Location	IRRIGATION WATER
Sample Description	HOLE #15

pH	7.46
Hardness (ppm)	69.61
Hardness (grains/gal)	4.07
Conductivity (mmhos/cm)	0.26
Sodium Adsorp. Ratio	1.45
Adjusted SAR	1.79
Adjusted RNa	1.31
pHc	8.17
Residual Sodium Carbonate (RSC)	0.28

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	24.08	1.20	5.46
Magnesium	(Mg)	2.26	0.19	0.51
Potassium	(K)	2.51	0.06	0.57
Sodium	(Na)	27.84	1.21	6.31
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	83.49		18.94
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	101.87	1.67	23.10
Hydroxide	(OH)	0.00		
Chloride	(Cl)	10.89	0.31	2.47
Sulfur as	(S04)	25.22	0.53	5.72
Salt Concentration	(TDS)	163.33		37.04
Boron	(B)	< 0.05		

Cation/Anion Ratio	1.06
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Reviewed by:

