

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

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

File Number: 34998
Date Received: 3/8/2019
Date Reported: 3/11/2019

Submitted By: Soil and Water Consulting

Lab Number	0357
Sample Location	IRRIGATION WATER
Sample Description	HOLE #18

pH	8.02
Hardness (ppm)	57.83
Hardness (grains/gal)	3.38
Conductivity (mmhos/cm)	0.41
Sodium Adsorp. Ratio	3.40
Adjusted SAR	4.34
Adjusted RNa	3.29
pHc	8.12
Residual Sodium Carbonate (RSC)	1.12

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)	20.61	1.03	4.67	
Magnesium (Mg)	1.50	0.12	0.34	
Potassium (K)	2.28	0.06	0.52	
Sodium (Na)	59.34	2.58	13.46	
Iron (Fe)	0.11		0.03	
Total Alkalinity (CaCO ₃)	113.40		25.72	
Carbonate (CO ₃)	0.00			
Bicarbonate (HCO ₃)	138.37	2.27	31.38	
Hydroxide (OH)	0.00			
Chloride (Cl)	32.00	0.90	7.26	
Sulfur as (SO ₄)	28.10	0.59	6.37	
Salt Concentration (TDS)	259.46		58.85	
Boron (B)	0.08		0.02	

Manganese (Mn)	< 0.020	
Copper (Cu)	< 0.020	
Zinc (Zn)	< 0.040	
Aluminum (Al)	0.214	0.048

Cation/Anion Ratio	1.01
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NO ₃ -N (ppm)	0.32
Total P (ppm)	< 0.20

Reviewed by:

