

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Iron Wolf Golf & Country Club
3275 N Latrobe Drive
Lake Havasu City, AZ 86404

File Number: 56022
Date Received: 11/16/2012
Date Reported: 11/19/2012

Submitted By: Soil and Water Consulting

Lab Number	3095
Sample Location	Irrigation water
Sample Description	Hole #

pH	8.07
Hardness (ppm)	484.85
Hardness (grains/gal)	28.35
Conductivity (mmhos/cm)	2.67
Sodium Adsorp. Ratio	7.33
Adjusted SAR	17.92
Adjusted RNa	11.21
pHc	6.96
Residual Sodium Carbonate (RSC)	-2.31

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	144.10	7.19	32.68
Magnesium	(Mg)	30.26	2.49	6.86
Potassium	(K)	22.32	0.57	5.06
Sodium	(Na)	371.10	16.13	84.17
Iron	(Fe)	0.27		0.06
Total Alkalinity	(CaCO ₃)	368.30		83.53
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	449.40	7.37	101.92
Hydroxide	(OH)	0.00		
Chloride	(Cl)	465.18	13.12	105.50
Sulfur as	(S04)	290.16	6.04	65.81
Salt Concentration	(TDS)	1708.80		387.56
Boron	(B)	0.51		0.12
Manganese	(Mn)	0.024		0.005
Copper	(Cu)	< 0.020		
Zinc	(Zn)	0.296		0.067
Aluminum	(Al)	< 0.200		

Cation/Anion Ratio	0.99
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NO ₃ -N (ppm)	2.05
Total P (ppm)	3.36

Reviewed by:

