

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: 06/17/2011
Date Reported: 06/20/2011

Submitted By: Soil and Water Consulting

Lab Number	1352
Sample Location	Irrigation Water
Sample Description	Effluent

pH	7.80
Hardness (ppm)	500.11
Hardness (grains/gal)	29.25
Conductivity (mmhos/cm)	2.79
Sodium Adsorp. Ratio	7.81
Adjusted SAR	19.10
Adjusted RNa	11.91
pHc	6.96
Residual Sodium Carbonate (RSC)	-2.59

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)	147.20	7.35	33.38	
Magnesium (Mg)	32.16	2.64	7.29	
Potassium (K)	22.10	0.57	5.01	
Sodium (Na)	401.60	17.46	91.08	
Iron (Fe)	< 0.10			
Total Alkalinity (CaCO ₃)	370.04		83.93	
Carbonate (CO ₃)	0.00			
Bicarbonate (HCO ₃)	451.52	7.40	102.40	
Hydroxide (OH)	0.00			
Chloride (Cl)	476.41	13.44	108.05	
Sulfur as (S04)	303.30	6.31	68.79	
Salt Concentration (TDS)	1785.60		404.97	
Boron (B)	0.47		0.11	

Manganese (Mn)	< 0.020
Copper (Cu)	< 0.020
Zinc (Zn)	< 0.040
Aluminum (Al)	< 0.200

Cation/Anion Ratio	1.03
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NO ₃ -N (ppm)	2.56
Total P (ppm)	4.16

Reviewed by:

