

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: 09/27/2013
Date Reported: 09/30/2013

Submitted By: Soil and Water Consulting

Lab Number	2264
Sample Location	Irrigation Water
Sample Description	Hole # 6

pH	7.54
Hardness (ppm)	377.46
Hardness (grains/gal)	22.07
Conductivity (mmhos/cm)	2.58
Sodium Adsorp. Ratio	8.16
Adjusted SAR	17.91
Adjusted RNa	11.24
pHc	7.20
Residual Sodium Carbonate (RSC)	-1.61

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	101.00	5.04	22.91
Magnesium	(Mg)	29.00	2.38	6.58
Potassium	(K)	25.70	0.66	5.83
Sodium	(Na)	361.50	15.72	81.99
Iron	(Fe)	3.29		0.75
Total Alkalinity	(CaCO ₃)	290.58		65.90
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	354.57	5.81	80.42
Hydroxide	(OH)	0.00		
Chloride	(Cl)	415.99	11.73	94.35
Sulfur as	(S04)	278.70	5.80	63.21
Salt Concentration	(TDS)	1651.20		374.49
Boron	(B)	0.57		0.13

Manganese	(Mn)	0.072		0.016
Copper	(Cu)	0.161		0.036
Zinc	(Zn)	1.918		0.435
Aluminum	(Al)	0.358		0.081

Cation/Anion Ratio	1.02
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NO ₃ -N (ppm)	4.17
Total P (ppm)	4.02

Reviewed by:

