

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: 10/08/2015
Date Reported: 10/09/2015

Submitted By: Soil and Water Consulting

Lab Number	2575
Sample Location	Irrigation Water
Sample Description	Hole #1

pH		8.45
Hardness	(ppm)	424.95
Hardness	(grains/gal)	24.85
Conductivity	(mmhos/cm)	2.50
Sodium Adsorp. Ratio		7.43
Adjusted SAR		16.97
Adjusted RNa		10.34
pHc		7.11
Residual Sodium Carbonate (RSC)		-2.40

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	118.50	5.91	26.88
Magnesium	(Mg)	31.31	2.57	7.10
Potassium	(K)	19.38	0.50	4.40
Sodium	(Na)	351.90	15.30	79.81
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO3)	304.31		69.02
Carbonate	(CO3)	22.51	0.75	5.11
Bicarbonate	(HCO3)	325.56	5.34	73.84
Hydroxide	(OH)	0.00		
Chloride	(Cl)	446.46	12.59	101.26
Sulfur as	(S04)	289.65	6.03	65.69
Salt Concentration	(TDS)	1600.00		362.88
Boron	(B)	0.53		0.12

Manganese	(Mn)	< 0.020		
Copper	(Cu)	< 0.020		
Zinc	(Zn)	< 0.040		
Aluminum	(Al)	0.956		0.217

Cation/Anion Ratio	0.98
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NO3-N (ppm)	1.44
Total P (ppm)	1.45

Reviewed by:

