

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Silver Lakes Sports Complex

File Number: 76665

Date Received: 9/18/2017

Date Reported: 9/19/2017

Submitted By: Soil and Water Consulting

Lab Number	2396
Sample Location	IRRIGATION WATER
Sample Description	

pH	7.52
Hardness (ppm)	229.37
Hardness (grains/gal)	13.41
Conductivity (mmhos/cm)	0.78
Sodium Adsorp. Ratio	2.06
Adjusted SAR	4.03
Adjusted RNa	2.60
pHc	7.45
Residual Sodium Carbonate (RSC)	-0.91

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	69.45	3.47	15.75
Magnesium	(Mg)	13.55	1.11	3.07
Potassium	(K)	3.90	0.10	0.88
Sodium	(Na)	71.80	3.12	16.28
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	183.26		41.56
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	223.61	3.67	50.71
Hydroxide	(OH)	0.00		
Chloride	(Cl)	141.44	3.99	32.08
Sulfur as	(S04)	54.06	1.13	12.26
Salt Concentration	(TDS)	496.64		112.64
Boron	(B)	0.14		0.03

Cation/Anion Ratio	0.89
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Reviewed by:

