

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Silver Lakes Sports Complex

File Number: 76665

Date Received: 6/28/2017

Date Reported: 6/29/2017

Submitted By: Soil and Water Consulting

Lab Number	1635
Sample Location	IRRIGATION WATER
Sample Description	

pH	6.32
Hardness (ppm)	262.23
Hardness (grains/gal)	15.33
Conductivity (mmhos/cm)	1.08
Sodium Adsorp. Ratio	3.09
Adjusted SAR	6.60
Adjusted RNa	4.31
pHc	7.26
Residual Sodium Carbonate (RSC)	-0.11

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	82.01	4.09	18.60
Magnesium	(Mg)	13.67	1.12	3.10
Potassium	(K)	16.88	0.43	3.83
Sodium	(Na)	114.70	4.99	26.01
Iron	(Fe)	0.66		0.15
Total Alkalinity	(CaCO ₃)	255.26		57.89
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	311.46	5.11	70.64
Hydroxide	(OH)	0.00		
Chloride	(Cl)	130.04	3.67	29.49
Sulfur as	(S04)	95.55	1.99	21.67
Salt Concentration	(TDS)	692.48		157.05
Boron	(B)	0.26		0.06

Manganese	(Mn)	0.287		0.065
Copper	(Cu)	< 0.020		
Zinc	(Zn)	< 0.040		
Aluminum	(Al)	0.292		0.066

Cation/Anion Ratio	0.99
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NO ₃ -N (ppm)	< 0.10
Total P (ppm)	1.83

Reviewed by:

