

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Silver Lakes Sports Complex

File Number: 76665

Date Received: 9/16/2016

Date Reported: 9/19/2016

Submitted By: Soil and Water Consulting

Lab Number	2500
Sample Location	Irrigation Water
Sample Description	

pH	8.10
Hardness (ppm)	302.44
Hardness (grains/gal)	17.69
Conductivity (mmhos/cm)	1.00
Sodium Adsorp. Ratio	2.33
Adjusted SAR	5.09
pHc	7.22
Residual Sodium Carbonate (RSC)	-1.19

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	93.49	4.67	21.20
Magnesium	(Mg)	16.72	1.37	3.79
Potassium	(K)	6.04	0.15	1.37
Sodium	(Na)	93.14	4.05	21.12
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	242.49		55.00
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	295.89	4.85	67.11
Hydroxide	(OH)	0.00		
Chloride	(Cl)	119.82	3.38	27.18
Sulfur as	(SO ₄)	97.53	2.03	22.12
Salt Concentration	(TDS)	641.92		145.59
Boron	(B)	0.23		0.05

Manganese	(Mn)	0.136		0.031
Copper	(Cu)	< 0.020		
Zinc	(Zn)	< 0.040		
Aluminum	(Al)	< 0.200		

Cation/Anion Ratio	1.00
--------------------	------

NO ₃ -N (ppm)	0.20
Total P (ppm)	0.28

Reviewed by:

