

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Silver Lakes Sports Complex

File Number: 76665

Date Received: 6/11/2018

Date Reported: 6/12/2018

Submitted By: Soil and Water Consulting

Lab Number	1181
Sample Location	IRRIGATION WATER
Sample Description	STADIUM

pH	7.62
Hardness (ppm)	170.70
Hardness (grains/gal)	9.98
Conductivity (mmhos/cm)	0.92
Sodium Adsorp. Ratio	3.54
Adjusted SAR	5.64
Adjusted RNa	3.87
pHc	7.81
Residual Sodium Carbonate (RSC)	-0.73

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	42.36	2.11	9.61
Magnesium	(Mg)	15.73	1.29	3.57
Potassium	(K)	12.68	0.32	2.88
Sodium	(Na)	106.30	4.62	24.11
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	133.88		30.36
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	163.35	2.68	37.05
Hydroxide	(OH)	0.00		
Chloride	(Cl)	147.23	4.15	33.39
Sulfur as	(S04)	109.29	2.28	24.79
Salt Concentration	(TDS)	590.27		133.87
Boron	(B)	0.27		0.06

Cation/Anion Ratio	0.92
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Reviewed by:

