

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Silver Lakes Sports Complex

File Number: 76665
Date Received: 6/28/2019
Date Reported: 7/1/2019

Submitted By: Soil and Water Consulting

Lab Number	1514
Sample Location	IRRIGATION WATER
Sample Description	STADIUM

pH	8.05
Hardness (ppm)	211.08
Hardness (grains/gal)	12.34
Conductivity (mmhos/cm)	0.89
Sodium Adsorp. Ratio	3.04
Adjusted SAR	5.63
Adjusted RNa	3.60
pHc	7.55
Residual Sodium Carbonate (RSC)	-0.69

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	58.78	2.93	13.33
Magnesium	(Mg)	15.58	1.28	3.53
Potassium	(K)	12.26	0.31	2.78
Sodium	(Na)	101.50	4.41	23.02
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	176.06		39.93
Carbonate	(CO ₃)	9.44	0.31	2.14
Bicarbonate	(HCO ₃)	195.63	3.21	44.37
Hydroxide	(OH)	0.00		
Chloride	(Cl)	120.17	3.39	27.25
Sulfur as	(S04)	102.03	2.12	23.14
Salt Concentration	(TDS)	568.45		128.92
Boron	(B)	0.25		0.06

Cation/Anion Ratio	0.99
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Reviewed by:

