

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Silver Lakes Sports Complex

File Number: 76665

Date Received: 3/13/2017

Date Reported: 3/14/2017

Submitted By: Soil and Water Consulting

Lab Number	0516
Sample Location	Irrigation
Sample Description	Water Stadium

pH	7.25
Hardness (ppm)	276.06
Hardness (grains/gal)	16.14
Conductivity (mmhos/cm)	1.00
Sodium Adsorp. Ratio	2.30
Adjusted SAR	4.52
Adjusted RNa	2.90
pHc	7.43
Residual Sodium Carbonate (RSC)	-2.26

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		84.21	4.20	19.10
Magnesium (Mg)		15.94	1.31	3.62
Potassium (K)		6.11	0.16	1.39
Sodium (Na)		87.89	3.82	19.93
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO ₃)		162.84		36.93
Carbonate (CO ₃)		0.00		
Bicarbonate (HCO ₃)		198.70	3.26	45.07
Hydroxide (OH)		0.00		
Chloride (Cl)		117.78	3.32	26.71
Sulfur as (SO ₄)		160.50	3.34	36.40
Salt Concentration (TDS)		641.92		145.59
Boron (B)		0.22		0.05

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

Cation/Anion Ratio	0.95
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NO ₃ -N (ppm)	2.27
Total P (ppm)	0.23

Reviewed by:

