

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Silver Lakes Sports Complex

File Number: 76665

Date Received: 3/19/2018

Date Reported: 3/20/2018

Submitted By: Soil and Water Consulting

Lab Number	0414
Sample Location	IRRIGATION WATER
Sample Description	BACKYARD FILL

pH	7.59
Hardness (ppm)	286.12
Hardness (grains/gal)	16.73
Conductivity (mmhos/cm)	1.07
Sodium Adsorp. Ratio	2.62
Adjusted SAR	5.64
Adjusted RNa	3.61
pHc	7.25
Residual Sodium Carbonate (RSC)	-0.97

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	89.03	4.44	20.19
Magnesium	(Mg)	15.46	1.27	3.51
Potassium	(K)	11.64	0.30	2.64
Sodium	(Na)	101.80	4.43	23.09
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	237.41		53.84
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	289.68	4.75	65.70
Hydroxide	(OH)	0.00		
Chloride	(Cl)	124.76	3.52	28.30
Sulfur as	(S04)	105.63	2.20	23.96
Salt Concentration	(TDS)	684.86		155.33
Boron	(B)	0.28		0.06

Cation/Anion Ratio	1.00
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Reviewed by:

