

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

The Summit
Las Vegas, NV

File Number: 73668
Date Received: 9/30/2019
Date Reported: 10/1/2019

Submitted By: Soil and Water Consulting

Lab Number	2314
Sample Location	IRRIGATION WATER
Sample Description	HOLE #7

pH	7.97
Hardness (ppm)	272.91
Hardness (grains/gal)	15.96
Conductivity (mmhos/cm)	0.86
Sodium Adsorp. Ratio	2.20
Adjusted SAR	4.10
Adjusted RNa	2.59
pHc	7.54
Residual Sodium Carbonate (RSC)	-2.41

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	71.51	3.57	16.22
Magnesium	(Mg)	22.88	1.88	5.19
Potassium	(K)	5.07	0.13	1.15
Sodium	(Na)	83.55	3.63	18.95
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	152.22		34.52
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	185.74	3.04	42.13
Hydroxide	(OH)	0.00		
Chloride	(Cl)	82.21	2.32	18.65
Sulfur as	(S04)	201.33	4.19	45.66
Salt Concentration	(TDS)	552.58		125.33
Boron	(B)	0.12		0.03

Cation/Anion Ratio	0.96
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Reviewed by:

