

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

The Summit
Las Vegas, NV

File Number: 73668
Date Received: 7/13/2020
Date Reported: 7/14/2020

Submitted By: Soil and Water Consulting

Lab Number	1594
Sample Location	IRRIGATION WATER
Sample Description	HOLE #4

pH	7.99
Hardness (ppm)	267.08
Hardness (grains/gal)	15.62
Conductivity (mmhos/cm)	0.89
Sodium Adsorp. Ratio	2.19
Adjusted SAR	3.98
Adjusted RNa	2.51
pHc	7.59
Residual Sodium Carbonate (RSC)	-2.38

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	64.23	3.21	14.57
Magnesium	(Mg)	25.88	2.13	5.87
Potassium	(K)	8.46	0.22	1.92
Sodium	(Na)	82.30	3.58	18.67
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	147.56		33.47
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	180.05	2.95	40.84
Hydroxide	(OH)	0.00		
Chloride	(Cl)	75.40	2.13	17.10
Sulfur as	(S04)	206.82	4.31	46.91
Salt Concentration	(TDS)	566.46		128.47
Boron	(B)	0.11		0.02

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

Cation/Anion Ratio	0.97
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NO ₃ -N (ppm)	0.25
Total P (ppm)	< 0.20

Reviewed by:

