

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

The Summit
Las Vegas, NV

File Number: 73668
Date Received: 6/28/2021
Date Reported: 6/29/2021

Submitted By: Soil and Water Consulting

Lab Number	1491
Sample Location	IRRIGATION WATER
Sample Description	HOLE #3

pH	7.79
Hardness (ppm)	260.49
Hardness (grains/gal)	15.23
Conductivity (mmhos/cm)	0.85
Sodium Adsorp. Ratio	2.04
Adjusted SAR	3.71
Adjusted RNa	2.34
pHc	7.58
Residual Sodium Carbonate (RSC)	-2.16

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	62.71	3.13	14.22
Magnesium	(Mg)	25.20	2.07	5.72
Potassium	(K)	4.46	0.11	1.01
Sodium	(Na)	75.60	3.29	17.15
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	152.32		34.55
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	185.86	3.05	42.15
Hydroxide	(OH)	0.00		
Chloride	(Cl)	85.10	2.40	19.30
Sulfur as	(S04)	187.98	3.91	42.63
Salt Concentration	(TDS)	544.19		123.42
Boron	(B)	0.12		0.03

Cation/Anion Ratio	0.92
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Reviewed by:

