

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

The Summit
Las Vegas, NV

File Number: 73668
Date Received: 3/17/2023
Date Reported: 3/20/2023

Submitted By: Soil and Water Consulting

Lab Number	0478
Sample Location	IRRIGATION WATER
Sample Description	HOLE #1

pH	8.03
Hardness (ppm)	308.88
Hardness (grains/gal)	18.06
Conductivity (mmhos/cm)	0.99
Sodium Adsorp. Ratio	2.24
Adjusted SAR	4.13
Adjusted RNa	2.54
pHc	7.55
Residual Sodium Carbonate (RSC)	-3.38

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	74.87	3.74	16.98
Magnesium	(Mg)	29.58	2.43	6.71
Potassium	(K)	5.40	0.14	1.22
Sodium	(Na)	90.42	3.93	20.51
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	139.20		31.57
Carbonate	(CO ₃)	7.66	0.26	1.74
Bicarbonate	(HCO ₃)	154.28	2.53	34.99
Hydroxide	(OH)	0.00		
Chloride	(Cl)	98.38	2.77	22.31
Sulfur as	(S04)	243.55	5.07	55.24
Salt Concentration	(TDS)	636.29		144.31
Boron	(B)	0.10		0.02

Cation/Anion Ratio	0.96
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Reviewed by:

