

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

The Summit
Las Vegas, NV

File Number: 73668
Date Received: 6/20/2023
Date Reported: 6/21/2023

Submitted By: Soil and Water Consulting

Lab Number	1367
Sample Location	IRRIGATION WATER
Sample Description	HOLE #

pH	7.98
Hardness (ppm)	285.05
Hardness (grains/gal)	16.67
Conductivity (mmhos/cm)	0.93
Sodium Adsorp. Ratio	2.14
Adjusted SAR	3.92
Adjusted RNa	2.46
pHc	7.57
Residual Sodium Carbonate (RSC)	-2.72

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	67.98	3.39	15.42
Magnesium	(Mg)	27.97	2.30	6.34
Potassium	(K)	4.45	0.11	1.01
Sodium	(Na)	83.10	3.61	18.85
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	148.48		33.68
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	181.18	2.97	41.09
Hydroxide	(OH)	0.00		
Chloride	(Cl)	90.04	2.54	20.42
Sulfur as	(S04)	207.11	4.31	46.97
Salt Concentration	(TDS)	595.26		135.00
Boron	(B)	0.09		0.02

Cation/Anion Ratio	0.96
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Reviewed by:

