

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

The Summit
Las Vegas, NV

File Number: 73668
Date Received: 9/20/2023
Date Reported: 9/21/2023

Submitted By: Soil and Water Consulting

Lab Number	2081
Sample Location	IRRIGATION WATER
Sample Description	HOLE #17

pH	7.53
Hardness (ppm)	328.32
Hardness (grains/gal)	19.20
Conductivity (mmhos/cm)	1.03
Sodium Adsorp. Ratio	2.19
Adjusted SAR	4.20
Adjusted RNa	2.61
pHc	7.48
Residual Sodium Carbonate (RSC)	-3.60

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	85.92	4.29	19.49
Magnesium	(Mg)	27.60	2.27	6.26
Potassium	(K)	6.47	0.17	1.47
Sodium	(Na)	91.04	3.96	20.65
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	147.77		33.52
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	180.32	2.96	40.90
Hydroxide	(OH)	0.00		
Chloride	(Cl)	98.55	2.78	22.35
Sulfur as	(S04)	245.71	5.12	55.73
Salt Concentration	(TDS)	661.38		150.00
Boron	(B)	0.17		0.04

Cation/Anion Ratio	0.98
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Reviewed by:

