

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

The Summit
Las Vegas, NV

File Number: 73668
Date Received: 4/15/2024
Date Reported: 4/16/2024

Submitted By: Soil and Water Consulting

Lab Number	0696
Sample Location	IRRIGATION WATER
Sample Description	HOLE #9

pH	7.63
Hardness (ppm)	297.32
Hardness (grains/gal)	17.39
Conductivity (mmhos/cm)	1.01
Sodium Adsorp. Ratio	2.46
Adjusted SAR	4.58
Adjusted RNa	2.88
pHc	7.54
Residual Sodium Carbonate (RSC)	-3.16

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	77.31	3.86	17.53
Magnesium	(Mg)	25.29	2.08	5.74
Potassium	(K)	5.24	0.13	1.19
Sodium	(Na)	97.65	4.25	22.15
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	138.65		31.44
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	169.17	2.77	38.37
Hydroxide	(OH)	0.00		
Chloride	(Cl)	101.10	2.85	22.93
Sulfur as	(S04)	231.20	4.81	52.44
Salt Concentration	(TDS)	645.89		146.49
Boron	(B)	0.14		0.03

Cation/Anion Ratio	0.99
--------------------	------

Reviewed by:

