

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Dragon Ridge C.C.
Henderson, NV

File Number: 47746
Date Received: 10/7/2024
Date Reported: 10/8/2024

Submitted By: Soil and Water Consulting

Lab Number	2403
Sample Location	IRRIGATION WATER
Sample Description	HOLE #2

pH	7.77
Hardness (ppm)	322.05
Hardness (grains/gal)	18.83
Conductivity (mmhos/cm)	1.67
Sodium Adsorp. Ratio	5.35
Adjusted SAR	10.04
Adjusted RNa	6.44
pHc	7.52
Residual Sodium Carbonate (RSC)	-3.47

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	84.89	4.24	19.25
Magnesium	(Mg)	26.70	2.20	6.06
Potassium	(K)	16.13	0.41	3.66
Sodium	(Na)	220.50	9.59	50.01
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO3)	148.00		33.57
Carbonate	(CO3)	0.00		
Bicarbonate	(HCO3)	180.59	2.96	40.96
Hydroxide	(OH)	0.00		
Chloride	(Cl)	290.20	8.18	65.82
Sulfur as	(S04)	264.12	5.50	59.90
Salt Concentration	(TDS)	1066.24		241.82
Boron	(B)	0.25		0.06
Manganese	(Mn)	0.148		0.034
Copper	(Cu)	< 0.020		
Zinc	(Zn)	0.107		0.024
Aluminum	(Al)	< 0.200		

Cation/Anion Ratio	0.98
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NO3-N (ppm)	5.94
Total P (ppm)	3.27

Reviewed by: _____