

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Dragon Ridge C.C.
Henderson, NV

File Number: 47746
Date Received: 9/14/2023
Date Reported: 9/15/2023

Submitted By: Soil and Water Consulting

Lab Number	2026
Sample Location	IRRIGATION WATER
Sample Description	HOLE #

pH	7.82
Hardness (ppm)	306.91
Hardness (grains/gal)	17.95
Conductivity (mmhos/cm)	1.06
Sodium Adsorp. Ratio	2.61
Adjusted SAR	5.04
Adjusted RNa	3.15
pHc	7.47
Residual Sodium Carbonate (RSC)	-2.94

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)	82.11	4.10	18.62	
Magnesium (Mg)	24.71	2.03	5.60	
Potassium (K)	4.74	0.12	1.07	
Sodium (Na)	104.99	4.56	23.81	
Iron (Fe)	< 0.10			
Total Alkalinity (CaCO ₃)	159.28		36.12	
Carbonate (CO ₃)	0.00			
Bicarbonate (HCO ₃)	194.35	3.19	44.08	
Hydroxide (OH)	0.00			
Chloride (Cl)	112.00	3.16	25.40	
Sulfur as (SO ₄)	241.86	5.04	54.85	
Salt Concentration (TDS)	678.85		153.96	
Boron (B)	0.13		0.03	

Manganese (Mn)	< 0.020	
Copper (Cu)	< 0.020	
Zinc (Zn)	0.043	0.010
Aluminum (Al)	< 0.200	

Cation/Anion Ratio	0.95
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NO ₃ -N (ppm)	0.59
Total P (ppm)	< 0.20

Reviewed by:

