

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Dragon Ridge C.C.
Henderson, NV

File Number: 47746
Date Received: 6/21/2024
Date Reported: 6/24/2024

Submitted By: Soil and Water Consulting

Lab Number	1475
Sample Location	IRR WATER
Sample Description	#15

pH	7.26
Hardness (ppm)	349.29
Hardness (grains/gal)	20.43
Conductivity (mmhos/cm)	1.91
Sodium Adsorp. Ratio	6.02
Adjusted SAR	11.17
Adjusted RNa	7.22
pHc	7.54
Residual Sodium Carbonate (RSC)	-4.27

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		92.70	4.63	21.02
Magnesium (Mg)		28.58	2.35	6.48
Potassium (K)		19.52	0.50	4.43
Sodium (Na)		258.48	11.24	58.62
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO ₃)		135.11		30.64
Carbonate (CO ₃)		0.00		
Bicarbonate (HCO ₃)		164.86	2.70	37.39
Hydroxide (OH)		0.00		
Chloride (Cl)		357.95	10.09	81.18
Sulfur as (S04)		300.37	6.25	68.12
Salt Concentration (TDS)		1221.76		277.10
Boron (B)		0.31		0.07

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

Cation/Anion Ratio	0.98
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NO ₃ -N (ppm)	8.26
Total P (ppm)	3.87

Reviewed by:

