

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Dragon Ridge C.C.
Henderson, NV

File Number: 47746
Date Received: 6/19/2023
Date Reported: 6/20/2023

Submitted By: Soil and Water Consulting

Lab Number	1355
Sample Location	IRRIGATION WATER
Sample Description	HOLE #1 FAIRWAY

pH	6.74
Hardness (ppm)	360.65
Hardness (grains/gal)	21.09
Conductivity (mmhos/cm)	1.95
Sodium Adsorp. Ratio	6.32
Adjusted SAR	10.74
Adjusted RNa	7.11
pHc	7.70
Residual Sodium Carbonate (RSC)	-5.28

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	92.62	4.62	21.01
Magnesium	(Mg)	31.39	2.58	7.12
Potassium	(K)	20.97	0.54	4.76
Sodium	(Na)	275.94	12.00	62.58
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	96.28		21.84
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	117.48	1.93	26.64
Hydroxide	(OH)	0.00		
Chloride	(Cl)	381.78	10.77	86.59
Sulfur as	(S04)	360.90	7.51	81.85
Salt Concentration	(TDS)	1248.90		283.25
Boron	(B)	0.38		0.09

Manganese	(Mn)	< 0.020
Copper	(Cu)	< 0.020
Zinc	(Zn)	< 0.040
Aluminum	(Al)	< 0.200

Cation/Anion Ratio	0.97
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NO ₃ -N (ppm)	9.04
Total P (ppm)	2.45

Reviewed by:

