

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Dragon Ridge C.C.
Henderson, NV

File Number: 47746
Date Received: 9/19/2022
Date Reported: 9/20/2022

Submitted By: Soil and Water Consulting

Lab Number	2099
Sample Location	IRRIGATION WATER
Sample Description	HOLE #1 FAIRWAY

pH		7.18
Hardness	(ppm)	307.54
Hardness	(grains/gal)	17.98
Conductivity	(mmhos/cm)	1.69
Sodium Adsorp. Ratio		5.43
Adjusted SAR		9.53
Adjusted RNa		6.24
pHc		7.64
Residual Sodium Carbonate (RSC)		-3.76

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	79.69	3.98	18.07
Magnesium	(Mg)	26.33	2.17	5.97
Potassium	(K)	17.90	0.46	4.06
Sodium	(Na)	218.90	9.52	49.65
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO3)	119.13		27.02
Carbonate	(CO3)	0.00		
Bicarbonate	(HCO3)	145.36	2.38	32.97
Hydroxide	(OH)	0.00		
Chloride	(Cl)	283.91	8.01	64.39
Sulfur as	(S04)	272.91	5.68	61.90
Salt Concentration	(TDS)	1080.06		244.96
Boron	(B)	0.29		0.06

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

Cation/Anion Ratio	0.99
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NO3-N (ppm)	8.35
Total P (ppm)	2.31

Reviewed by:



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Submitted By: Soil and Water Consulting

Lab Number	2100
Sample Location	IRRIGATION WATER
Sample Description	HOLE #8 GREEN

pH	7.87
Hardness (ppm)	274.06
Hardness (grains/gal)	16.03
Conductivity (mmhos/cm)	0.94
Sodium Adsorp. Ratio	2.39
Adjusted SAR	4.38
Adjusted RNa	2.78
pHc	7.56
Residual Sodium Carbonate (RSC)	-2.61

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	71.16	3.55	16.14
Magnesium	(Mg)	23.37	1.92	5.30
Potassium	(K)	4.37	0.11	0.99
Sodium	(Na)	90.86	3.95	20.61
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	143.07		32.45
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	174.57	2.86	39.59
Hydroxide	(OH)	0.00		
Chloride	(Cl)	87.32	2.46	19.80
Sulfur as	(S04)	208.74	4.35	47.34
Salt Concentration	(TDS)	602.18		136.57
Boron	(B)	0.13		0.03

Manganese	(Mn)	< 0.020		
Copper	(Cu)	< 0.020		
Zinc	(Zn)	0.062		0.014
Aluminum	(Al)	< 0.200		

Cation/Anion Ratio	0.99
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NO ₃ -N (ppm)	0.43
Total P (ppm)	< 0.20

Reviewed by:

