

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Dragon Ridge C.C.
Henderson, NV

File Number: 47746
Date Received: 6/20/2024
Date Reported: 6/24/2024

Submitted By: Soil and Water Consulting

Lab Number	0053
Description	TEE
	3

pH	7.9
----	-----

	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1644					
Chloride	443					
Nitrate (NO3-N)	7.6					
Bicarbonate	106.86					
Sulfur	198.77					
Phosphorus	2.89					
Calcium	124.63	6.22	21.98			
Magnesium	38.43	3.16	11.17			
Potassium	66.58	1.70	6.02			
Sodium	395.97	17.22	60.84			
TOTAL		28.30	100			
Boron	0.48					
Iron	1.79					
Manganese	0.08					
Copper	0.06					
Zinc	0.04					
Aluminum	5.61					
Ammonium (NH4-N)	18.9					
ESP (calculated)	9.47					
SAR (calculated)	7.95					

* Soluble Salts: mmhos/cm = ppm / 640

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Dragon Ridge C.C.
Henderson, NV

File Number: 47746
Date Received: 6/20/2024
Date Reported: 6/24/2024

Submitted By: Soil and Water Consulting

Lab Number	0054
Description	FAIRWAY
	3

pH	8.0
----	-----

	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1533					
Chloride	341					
Nitrate (NO3-N)	26.4					
Bicarbonate	153.76					
Sulfur	150.61					
Phosphorus	5.54					
Calcium	114.35	5.71	20.16			
Magnesium	37.07	3.05	10.77			
Potassium	75.36	1.93	6.81			
Sodium	405.17	17.62	62.25			
TOTAL		28.30	100			

Boron	0.72
Iron	2.40
Manganese	0.08
Copper	0.07
Zinc	0.05
Aluminum	6.82
Ammonium (NH4-N)	3.4

ESP (calculated)	10.04
SAR (calculated)	8.42

* Soluble Salts: mmhos/cm = ppm / 640

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Dragon Ridge C.C.
Henderson, NV

File Number: 47746
Date Received: 6/20/2024
Date Reported: 6/24/2024

Submitted By: Soil and Water Consulting

Lab Number	0055			0056			
Description	GREEN PG			GREEN 3			
pH	7.9			8.0			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	561			395			
Chloride	12			29			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	133.70			82.63			
Sulfur	57.88			48.35			
Phosphorus	3.22			2.92			
Calcium	57.38	2.86	33.07	31.42	1.57	25.94	
Magnesium	17.99	1.48	17.09	9.68	0.80	13.18	
Potassium	35.14	0.90	10.38	24.38	0.62	10.31	
Sodium	78.56	3.42	39.45	70.30	3.06	50.57	
TOTAL		8.66	100		6.04	100	
Boron	0.37			0.26			
Iron	0.77			0.70			
Manganese	0.15			0.07			
Copper	0.03			0.03			
Zinc	0.02			0.01			
Aluminum	1.17			1.11			
Ammonium (NH4-N)	11.0			2.2			
ESP (calculated)	2.11			2.81			
SAR (calculated)	2.32			2.81			

* Soluble Salts: mmhos/cm = ppm / 640