

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Dragon Ridge C.C.
Henderson, NV

File Number: 47746
Date Received: 4/12/2024
Date Reported: 4/16/2024

Submitted By: Soil and Water Consulting

Lab Number	0005			0006			
Description	GREEN PG			GREEN 5			
pH	7.9			7.7			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	506			546			
Chloride	75			82			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	142.89			151.88			
Sulfur	52.07			45.96			
Phosphorus	4.56			6.05			
Calcium	74.35	3.71	37.90	82.75	4.13	38.89	
Magnesium	22.92	1.88	19.25	24.49	2.01	18.97	
Potassium	35.09	0.90	9.17	43.56	1.11	10.49	
Sodium	75.82	3.30	33.68	77.28	3.36	31.65	
TOTAL		9.79	100		10.62	100	
Boron	0.24			0.32			
Iron	2.41			0.78			
Manganese	0.60			1.24			
Copper	0.02			0.06			
Zinc	0.03			0.03			
Aluminum	3.82			1.16			
Ammonium (NH4-N)	0.6			1.1			
ESP (calculated)	1.62			1.54			
SAR (calculated)	1.97			1.92			

* Soluble Salts: mmhos/cm = ppm / 640

BROOKSIDE LABORATORIES, INC.
SATURATED SOIL ANALYSIS

Dragon Ridge C.C.
Henderson, NV

File Number: 47746
Date Received: 4/12/2024
Date Reported: 4/16/2024

Submitted By: Soil and Water Consulting

Lab Number	0007			0008			
Description	GREEN			GREEN			
	10			15			
pH	8.1			8.0			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	500			393			
Chloride	69			54			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	147.31			119.02			
Sulfur	51.02			32.63			
Phosphorus	2.94			2.96			
Calcium	66.07	3.30	36.96	49.39	2.46	41.15	
Magnesium	20.77	1.71	19.15	14.12	1.16	19.39	
Potassium	21.10	0.54	6.05	15.51	0.40	6.62	
Sodium	77.62	3.37	37.84	45.23	1.97	32.83	
TOTAL		8.92	100		5.99	100	
Boron	0.25			0.17			
Iron	0.72			0.65			
Manganese	0.19			0.34			
Copper	0.04			0.03			
Zinc	0.02			0.02			
Aluminum	1.21			0.84			
Ammonium (NH4-N)	< 0.5			< 0.5			
ESP (calculated)	1.85			0.89			
SAR (calculated)	2.13			1.46			

* Soluble Salts: mmhos/cm = ppm / 640

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Dragon Ridge C.C.
Henderson, NV

File Number: 47746
Date Received: 4/12/2024
Date Reported: 4/16/2024

Submitted By: Soil and Water Consulting

Lab Number	0009
Description	GREEN RANGE

pH	7.9
----	-----

	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	527					
Chloride	78					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	144.43					
Sulfur	48.67					
Phosphorus	5.00					
Calcium	82.08	4.10	39.67			
Magnesium	24.89	2.05	19.83			
Potassium	32.76	0.84	8.12			
Sodium	76.90	3.34	32.39			
TOTAL		10.32	100			
Boron	0.21					
Iron	0.53					
Manganese	0.82					
Copper	0.04					
Zinc	0.02					
Aluminum	0.77					
Ammonium (NH ₄ -N)	0.6					
ESP (calculated)	1.53					
SAR (calculated)	1.91					

* Soluble Salts: mmhos/cm = ppm / 640