

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Dragonridge Country Club
552 S Stephanie Street
Henderson, WV 89012

File Number: 47746
Date Received: 3/26/2025
Date Reported: 3/27/2025

Submitted By: Soil and Water Consulting

Lab Number	0011
Description	TEE
	4

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1474					
Chloride	339					
Nitrate (NO3-N)	< 0.5					
Bicarbonate	177.34					

Sulfur	159.80					
Phosphorus	3.37					
Calcium	129.42	6.46	22.33			
Magnesium	41.39	3.40	11.77			
Potassium	47.95	1.23	4.24			
Sodium	410.04	17.83	61.65			
TOTAL		28.92	100			

Boron	0.34
Iron	2.19
Manganese	0.36
Copper	0.07
Zinc	0.07
Aluminum	4.43
Ammonium (NH4-N)	1.7

ESP (calculated)	9.57
SAR (calculated)	8.03

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0012
Description	FAIRWAY
	4

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	2090					
Chloride	817					
Nitrate (NO3-N)	< 0.5					
Bicarbonate	190.28					
Sulfur	234.04					
Phosphorus	2.66					
Calcium	144.64	7.22	17.50			
Magnesium	53.18	4.37	10.60			
Potassium	66.71	1.71	4.14			
Sodium	642.98	27.96	67.77			
TOTAL		41.25	100			
Boron	0.58					
Iron	2.04					
Manganese	0.37					
Copper	0.06					
Zinc	0.06					
Aluminum	4.41					
Ammonium (NH4-N)	1.6					
ESP (calculated)	13.70					
SAR (calculated)	11.61					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0013			0014			
Description	GREEN			GREEN			
	4			15			
pH	8.1			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	876			617			
Chloride	74			71			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	168.52			136.28			
Sulfur	147.16			91.05			
Phosphorus	2.59			2.48			
Calcium	70.50	3.52	21.98	48.38	2.41	20.70	
Magnesium	26.15	2.15	13.43	17.68	1.45	12.46	
Potassium	50.96	1.30	8.14	29.29	0.75	6.42	
Sodium	207.82	9.04	56.45	162.05	7.05	60.41	
TOTAL		16.01	100		11.66	100	
Boron	0.25			0.22			
Iron	1.19			1.04			
Manganese	0.06			0.08			
Copper	0.05			0.02			
Zinc	0.01			0.02			
Aluminum	2.00			1.52			
Ammonium (NH4-N)	11.3			< 0.5			
ESP (calculated)	6.24			5.85			
SAR (calculated)	5.37			5.07			

* Soluble Salts: mmhos/cm = ppm / 640