

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Dragonridge Country Club
552 S Stephanie Street
Henderson, WV 89012

File Number: 47746
Date Received: 6/18/2025
Date Reported: 6/20/2025

Submitted By: Soil and Water Consulting

Lab Number	0001
Description	TEE
	6

pH	8.3
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1345					
Chloride	371					
Nitrate (NO3-N)	< 0.5					
Bicarbonate	232.64					

Sulfur	104.70					
Phosphorus	3.88					
Calcium	52.86	2.64	14.16			
Magnesium	19.67	1.62	8.68			
Potassium	61.54	1.57	8.45			
Sodium	294.41	12.80	68.71			
TOTAL		18.63	100			

Boron	0.30
Iron	8.67
Manganese	0.08
Copper	0.22
Zinc	0.17
Aluminum	29.61
Ammonium (NH4-N)	24.7

ESP (calculated)	10.46
SAR (calculated)	8.78

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0002
Description	FAIRWAY
	6

pH	8.3
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1275					
Chloride	272					
Nitrate (NO3-N)	23.8					
Bicarbonate	229.10					
Sulfur	112.28					
Phosphorus	4.90					
Calcium	59.37	2.96	16.73			
Magnesium	21.79	1.79	10.12			
Potassium	58.23	1.49	8.41			
Sodium	263.62	11.46	64.73			
TOTAL		17.71	100			
Boron	0.46					
Iron	22.94					
Manganese	0.12					
Copper	0.19					
Zinc	0.14					
Aluminum	44.50					
Ammonium (NH4-N)	14.5					
ESP (calculated)	8.85					
SAR (calculated)	7.43					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0003			0004			
Description	GREEN			GREEN			
	6			15			
pH	8.2			8.3			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	415			874			
Chloride	40			114			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	118.42			107.90			
Sulfur	40.84			136.96			
Phosphorus	3.92			2.08			
Calcium	17.54	0.88	16.75	80.91	4.04	28.40	
Magnesium	8.58	0.71	13.50	28.47	2.34	16.47	
Potassium	30.71	0.79	15.03	46.67	1.19	8.40	
Sodium	65.74	2.86	54.71	152.78	6.64	46.73	
TOTAL		5.22	100		14.21	100	
Boron	0.27			0.27			
Iron	7.40			0.80			
Manganese	0.16			0.05			
Copper	0.04			0.03			
Zinc	0.04			0.01			
Aluminum	12.99			1.22			
Ammonium (NH4-N)	12.5			3.1			
ESP (calculated)	3.37			4.06			
SAR (calculated)	3.22			3.72			

* Soluble Salts: mmhos/cm = ppm / 640