

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Blue Heron Pines Country Club
550 Country Club Drive
Egg Harbor City, NJ 08215

File Number: 58514
Date Received: 5/21/2021
Date Reported: 6/4/2021

Submitted By: Soil and Water Consulting

Lab Number	0001			0002			
Description	TEE			TEE			
	9			18			
pH	7.2			6.7			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	308			218			
Chloride	18			19			
Nitrate (NO ₃ -N)	< 0.5			1.0			
Bicarbonate	65.87			54.86			
Sulfur	45.76			27.86			
Phosphorus	0.27			0.67			
Calcium	56.80	2.83	55.00	39.16	1.95	50.83	
Magnesium	14.69	1.21	23.44	8.58	0.71	18.35	
Potassium	16.91	0.43	8.39	19.69	0.50	13.10	
Sodium	15.60	0.68	13.16	15.66	0.68	17.72	
TOTAL		5.15	100		3.84	100	
Boron	0.07			0.04			
Iron	0.68			0.96			
Manganese	0.44			0.28			
Copper	0.02			0.04			
Zinc	0.03			0.04			
Aluminum	1.35			1.83			
Ammonium (NH ₄ -N)	12.6			7.4			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.48			0.59			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0003
Description	FAIRWAY
	9

pH	2.8
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	122					
Chloride	13					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	33.12					
Sulfur	8.32					
Phosphorus	1.41					
Calcium	20.47	1.02	46.17			
Magnesium	4.47	0.37	16.63			
Potassium	16.59	0.42	19.18			
Sodium	9.16	0.40	18.02			
TOTAL		2.21	100			
Boron	0.04					
Iron	1.21					
Manganese	0.34					
Copper	0.08					
Zinc	0.08					
Aluminum	2.71					
Ammonium (NH ₄ -N)	4.2					
ESP (calculated)	< .01					
SAR (calculated)	0.48					

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Lab Number	0004			0005			
Description	GREEN			GREEN			
	9			18			
pH	7.4			7.3			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	163			129			
Chloride	5			8			
Nitrate (NO ₃ -N)	0.8			1.1			
Bicarbonate	53.33			52.32			
Sulfur	19.77			9.24			
Phosphorus	1.09			0.87			
Calcium	21.55	1.08	40.90	15.21	0.76	35.54	
Magnesium	6.91	0.57	21.63	5.72	0.47	22.04	
Potassium	22.20	0.57	21.60	18.28	0.47	21.89	
Sodium	9.60	0.42	15.88	10.08	0.44	20.53	
TOTAL		2.63	100		2.14	100	
Boron	0.05			0.05			
Iron	0.73			0.77			
Manganese	0.15			0.11			
Copper	0.03			0.02			
Zinc	0.08			0.06			
Aluminum	1.37			1.30			
Ammonium (NH ₄ -N)	5.0			3.0			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.46			0.56			

* Soluble Salts: mmhos/cm = ppm / 640