

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Running Deer Golf Club
Elmer, NJ 08318

File Number: 53874
Date Received: 5/8/2017
Date Reported: 5/10/2017

Submitted By: Soil and Water Consulting

Lab Number	0012			0013			
Description	TEE			TEE			
	1			10			
pH	7.5			7.5			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	495			340			
Chloride	15			9			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	65.89			61.01			
Sulfur	97.36			72.55			
Phosphorus	0.74			0.73			
Calcium	63.98	3.19	43.35	52.70	2.63	49.70	
Magnesium	21.60	1.78	24.12	15.55	1.28	24.16	
Potassium	83.10	2.13	28.86	45.97	1.18	22.22	
Sodium	6.23	0.27	3.68	4.78	0.21	3.92	
TOTAL		7.36	100		5.29	100	
Boron	0.04			0.04			
Iron	4.92			3.95			
Manganese	0.77			0.47			
Copper	0.07			0.03			
Zinc	0.11			0.10			
Aluminum	2.80			1.69			
Ammonium (NH4-N)	7.2			0.7			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.17			0.15			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0014			0015			
Description	FAIRWAY			FAIRWAY			
	1			10			
pH	7.3			7.4			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	422			340			
Chloride	19			12			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	78.09			63.45			
Sulfur	81.30			64.45			
Phosphorus	0.22			0.25			
Calcium	70.90	3.54	50.36	56.48	2.82	52.26	
Magnesium	22.96	1.89	26.88	18.39	1.51	28.05	
Potassium	47.74	1.22	17.38	29.96	0.77	14.21	
Sodium	8.69	0.38	5.38	6.80	0.30	5.48	
TOTAL		7.02	100		5.39	100	
Boron	0.03			0.04			
Iron	4.29			8.49			
Manganese	0.51			0.15			
Copper	0.03			0.03			
Zinc	0.03			0.04			
Aluminum	5.58			10.95			
Ammonium (NH4-N)	1.9			< 0.5			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.23			0.20			

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	0016
Description	GREEN
	1

pH	7.5
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	89					
Chloride	7					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	46.37					

Sulfur	6.35					
Phosphorus	1.52					
Calcium	9.50	0.47	35.11			
Magnesium	6.44	0.53	39.24			
Potassium	9.49	0.24	17.98			
Sodium	2.38	0.10	7.67			
TOTAL		1.35	100			

Boron	0.03					
Iron	2.12					
Manganese	0.15					
Copper	0.06					
Zinc	0.07					
Aluminum	3.69					
Ammonium (NH ₄ -N)	< 0.5					

ESP (calculated)	< .01					
SAR (calculated)	0.15					

* Soluble Salts: mmhos/cm = ppm / 640