

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Jumping Brook Country Club
210 Jumping Brook Road
Neptune, NJ 07753

File Number: 74738
Date Received: 8/2/2019
Date Reported: 8/6/2019

Submitted By: Soil and Water Consulting

Lab Number	0011			0012			
Description	GREEN			GREEN			
	5			13			
pH	7.4			7.3			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	212			211			
Chloride	38			42			
Nitrate (NO ₃ -N)	11.4			6.7			
Bicarbonate	48.81			39.05			
Sulfur	11.51			17.08			
Phosphorus	2.97			3.06			
Calcium	28.11	1.40	41.23	26.38	1.32	39.74	
Magnesium	5.96	0.49	14.41	5.01	0.41	12.43	
Potassium	39.00	1.00	29.32	38.29	0.98	29.56	
Sodium	11.76	0.51	15.03	13.92	0.61	18.27	
TOTAL		3.40	100		3.31	100	
Boron	0.04			0.06			
Iron	1.14			0.83			
Manganese	0.02			0.03			
Copper	0.05			0.05			
Zinc	0.04			0.03			
Aluminum	1.29			0.77			
Ammonium (NH ₄ -N)	2.3			2.1			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.53			0.65			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0013			0014			
Description	GREEN			GREEN			
	14			16			
pH	7.3			7.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	186			175			
Chloride	32			28			
Nitrate (NO ₃ -N)	5.0			9.2			
Bicarbonate	39.05			39.05			
Sulfur	14.54			10.48			
Phosphorus	1.73			1.57			
Calcium	22.92	1.14	39.83	21.84	1.09	41.49	
Magnesium	4.83	0.40	13.84	4.37	0.36	13.68	
Potassium	31.58	0.81	28.13	26.85	0.69	26.14	
Sodium	12.02	0.52	18.20	11.29	0.49	18.69	
TOTAL		2.87	100		2.63	100	
Boron	0.05			0.04			
Iron	1.33			1.29			
Manganese	0.03			0.03			
Copper	0.05			0.05			
Zinc	0.06			0.03			
Aluminum	1.60			1.47			
Ammonium (NH ₄ -N)	1.2			0.9			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.60			0.58			

* Soluble Salts: mmhos/cm = ppm / 640