

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 74738
Date Received: 8/20/2021
Date Reported: 8/24/2021

Submitted By: Soil and Water Consulting

Lab Number	0027			0028			
Description	GREEN			GREEN			
	5			13			
	2" DEPTH			2" DEPTH			
pH	6.6			6.5			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	218			193			
Chloride	39			37			
Nitrate (NO3-N)	1.6			1.5			
Bicarbonate	20.44			16.02			
Sulfur	9.77			9.68			
Phosphorus	15.46			15.21			
Calcium	19.61	0.98	32.49	16.31	0.81	29.56	
Magnesium	3.65	0.30	9.96	3.21	0.26	9.60	
Potassium	45.75	1.17	38.84	42.00	1.07	39.01	
Sodium	12.97	0.56	18.72	13.83	0.60	21.83	
TOTAL		3.01	100		2.75	100	
Boron	0.03			0.03			
Iron	1.52			2.36			
Manganese	0.15			0.24			
Copper	0.08			0.06			
Zinc	0.08			0.09			
Aluminum	2.40			4.18			
Ammonium (NH4-N)	7.5			3.5			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.71			0.82			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0029			0030			
Description	GREEN			GREEN			
	14			16			
	2" DEPTH			2" DEPTH			
pH	6.6			6.5			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	198			150			
Chloride	36			28			
Nitrate (NO3-N)	2.2			2.6			
Bicarbonate	21.67			11.14			
Sulfur	10.95			7.99			
Phosphorus	15.06			9.10			
Calcium	16.27	0.81	28.26	12.11	0.60	30.11	
Magnesium	3.48	0.29	9.95	2.43	0.20	9.94	
Potassium	45.27	1.16	40.30	28.33	0.72	36.11	
Sodium	14.20	0.62	21.49	11.00	0.48	23.83	
TOTAL		2.87	100		2.01	100	
Boron	0.03			0.03			
Iron	2.06			1.46			
Manganese	0.17			0.12			
Copper	0.07			0.05			
Zinc	0.10			0.06			
Aluminum	3.57			2.03			
Ammonium (NH4-N)	2.0			3.6			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.83			0.75			

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	0031
Description	GREEN
	5
	6"

pH	6.9
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	179					
Chloride	14					
Nitrate (NO ₃ -N)	13.4					
Bicarbonate	21.03					
Sulfur	7.57					
Phosphorus	3.63					
Calcium	19.70	0.98	36.72			
Magnesium	4.95	0.41	15.19			
Potassium	27.34	0.70	26.12			
Sodium	13.52	0.59	21.96			
TOTAL		2.68	100			
Boron	0.04					
Iron	1.89					
Manganese	0.05					
Copper	0.04					
Zinc	0.08					
Aluminum	2.33					
Ammonium (NH ₄ -N)	< 0.5					
ESP (calculated)	< .01					
SAR (calculated)	0.71					

* Soluble Salts: mmhos/cm = ppm / 640