

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 74738
Date Received: 7/9/2020
Date Reported: 7/13/2020

Submitted By: Soil and Water Consulting

Lab Number	0045			0046			
Description	GREEN			GREEN			
	8			11			
pH	7.2			7.3			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	356			382			
Chloride	31			35			
Nitrate (NO ₃ -N)	< 0.5			< 0.5			
Bicarbonate	71.08			83.81			
Sulfur	58.73			59.27			
Phosphorus	0.40			0.45			
Calcium	77.28	3.86	60.33	60.51	3.02	56.02	
Magnesium	13.03	1.07	16.76	9.78	0.80	14.92	
Potassium	31.69	0.81	12.68	36.67	0.94	17.40	
Sodium	15.04	0.65	10.23	14.45	0.63	11.65	
TOTAL		6.39	100		5.39	100	
Boron	0.02			< 0.01			
Iron	0.94			0.71			
Manganese	0.59			0.76			
Copper	0.01			< 0.01			
Zinc	0.02			0.03			
Aluminum	1.14			0.95			
Ammonium (NH ₄ -N)	1.1			6.6			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.42			0.45			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0047			0048			
Description	GREEN			GREEN			
	14			17			
pH	7.3			7.3			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	339			374			
Chloride	38			38			
Nitrate (NO ₃ -N)	< 0.5			< 0.5			
Bicarbonate	45.02			39.07			
Sulfur	45.73			56.18			
Phosphorus	0.56			0.70			
Calcium	50.80	2.53	53.86	65.92	3.29	56.82	
Magnesium	9.05	0.74	15.82	10.26	0.84	14.57	
Potassium	34.99	0.89	19.01	37.75	0.97	16.68	
Sodium	12.24	0.53	11.30	15.89	0.69	11.93	
TOTAL		4.71	100		5.79	100	
Boron	0.01			0.02			
Iron	0.75			0.71			
Manganese	0.83			1.06			
Copper	< 0.01			0.02			
Zinc	0.06			0.03			
Aluminum	0.74			1.03			
Ammonium (NH ₄ -N)	3.7			4.8			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.42			0.48			

* Soluble Salts: mmhos/cm = ppm / 640