

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Jumping Brook Country Club

File Number: 74738
Date Received: 4/25/2016
Date Reported: 4/27/2016

Submitted By: Soil and Water Consulting

Lab Number	0075			0076			
Description	GREEN			GREEN			
	3			15			
pH	8.0			7.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	165			180			
Chloride	4			9			
Nitrate (NO ₃ -N)	< 0.5			< 0.5			
Bicarbonate	39.05			34.17			
Sulfur	34.95			34.65			
Phosphorus	2.35			3.31			
Calcium	24.80	1.24	46.30	27.24	1.36	45.13	
Magnesium	6.11	0.50	18.79	5.40	0.44	14.76	
Potassium	20.80	0.53	19.90	30.63	0.78	26.01	
Sodium	9.22	0.40	15.01	9.77	0.42	14.11	
TOTAL		2.67	100		3.01	100	
Boron	0.05			0.06			
Iron	1.20			1.86			
Manganese	0.05			0.04			
Copper	0.09			0.07			
Zinc	0.11			0.09			
Aluminum	1.51			2.13			
Ammonium (NH ₄ -N)	< 0.5			< 0.5			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.43			0.45			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0077
Description	GREEN
	18

pH	7.2
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	168					
Chloride	5					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	21.96					

Sulfur	33.07					
Phosphorus	2.93					
Calcium	22.95	1.15	42.91			
Magnesium	4.86	0.40	14.97			
Potassium	26.20	0.67	25.11			
Sodium	10.44	0.45	17.01			
TOTAL		2.67	100			

Boron	0.06
Iron	1.76
Manganese	0.05
Copper	0.09
Zinc	0.07
Aluminum	2.13
Ammonium (NH ₄ -N)	< 0.5

ESP (calculated)	< .01
SAR (calculated)	0.52

* Soluble Salts: mmhos/cm = ppm / 640