

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

Name Valleybrook Country Club City Little Silver State NJ

Independent Consultant Soil and Water Consulting Date 4/27/2016

Sample Location		TEE		18			
Sample Identification							
Lab Number				1033-1			
Total Exchange Capacity (ME/100 g)				8.18			
pH (H ₂ O 1:1)				6.7			
Organic Matter (humus) %				2.04			
Estimated Nitrogen Release lb/A				61			
ANIONS	SOLUBLE SULFUR* ppm			16			
	PHOSPHORUS	MEHLICH III lb/A P as P ₂ O ₅ ppm of P		934			
		BRAY II lb/A P as P ₂ O ₅ ppm of P		1260			
		OLSEN lb/A P as P ₂ O ₅ ppm of P		275			
EXCHANGEABLE CATIONS	CALCIUM*	lb/A		2226			
		ppm		1113			
	MAGNESIUM*	lb/A		346			
		ppm		173			
	POTASSIUM*	lb/A		206			
		ppm		103			
	SODIUM*	lb/A		72			
		ppm		36			
BASE SATURATION PERCENT							
	Calcium	%		68.03			
	Magnesium	%		17.62			
	Potassium	%		3.23			
	Sodium	%		1.91			
	Other Bases	%		4.70			
	Hydrogen	%		4.50			
EXTRACTABLE MINORS							
	Boron* (ppm)			0.50			
	Iron* (ppm)			537			
	Manganese* (ppm)			19			
	Copper* (ppm)			2.73			
	Zinc* (ppm)			8.91			
	Aluminum* (ppm)			571			
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						

* Mehlich III Extractable