

lb/A

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

70822-10

Name The Meadow Club City South Hampton State NY

Independent Consultant Soil and Water Consulting Date 7/28/2021

Sample Location	TENNIS COURT	NEW SECT	NORTH SE			
Sample Identification		0-6"	0-6"			
Lab Number		0632-1	0633-1			
Total Exchange Capacity (ME/100 g)		9.44	11.90			
pH	Buffer (SMP/Sikora)	7.5	7.5			
	H ₂ O (1:1)	6.8	6.8			
Organic Matter (360°C LOI) %		4.12	5.81			
Estimated Nitrogen Release	lb/A	91	104			
ANIONS	SOLUBLE SULFUR*					
	ppm	28	25			
	MEHLICH III lb/A P as P ₂ O ₅	1008	1195			
	ppm of P	220	261			
	BRAY II lb/A P as P ₂ O ₅					
	ppm of P					
	OLSEN lb/A P as P ₂ O ₅					
	ppm of P					
EXCHANGEABLE CATIONS	CALCIUM*	lb/A	2610	3250		
	ppm		1305	1625		
	MAGNESIUM*	lb/A	422	534		
	ppm		211	267		
	POTASSIUM*	lb/A	254	416		
	ppm		127	208		
	SODIUM*	lb/A	54	52		
	ppm		27	26		
BASE SATURATION PERCENT						
	Calcium %		69.12	68.28		
	Magnesium %		18.63	18.70		
	Potassium %		3.45	4.48		
	Sodium %		1.24	0.95		
	Other Bases %		4.60	4.60		
	Hydrogen %		3.00	3.00		
EXTRACTABLE MINORS						
	Boron* (ppm)		0.62	0.68		
	Iron* (ppm)		189	188		
	Manganese* (ppm)		69	130		
	Copper* (ppm)		3.05	20.73		
	Zinc* (ppm)		37.17	7.53		
	Aluminum* (ppm)		999	1219		
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					
	NO ₃ -N (ppm)		7.1	13.4		
	NH ₄ -N (ppm)		4.3	3.2		

* Mehlich III Extractable