

lb/A

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

78813-5

Name Randall's Island Park Alliance City New York State NY

Independent Consultant Soil and Water Consulting Date 9/19/2024

Sample Location		ICHAN	STADIUM				
Sample Identification							
Lab Number			0148-1				
Total Exchange Capacity (ME/100 g)			1.96				
pH	Buffer (SMP/Sikora)		7.5				
	H ₂ O (1:1)		6.5				
Organic Matter (360°C LOI) %			0.66				
Estimated Nitrogen Release lb/A			26				
ANIONS	SOLUBLE SULFUR*						
	PHOSPHORUS	ppm	6				
		MEHLICH III lb/A P as P ₂ O ₅	316				
		ppm of P	69				
EXCHANGEABLE CATIONS	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				
	CALCIUM*		lb/A	496			
		ppm	248				
MAGNESIUM*		lb/A	68				
		ppm	34				
POTASSIUM*		lb/A	108				
		ppm	54				
SODIUM*		lb/A	24				
		ppm	12				
BASE SATURATION PERCENT							
Calcium %			63.27				
Magnesium %			14.46				
Potassium %			7.06				
Sodium %			2.66				
Other Bases %			4.90				
Hydrogen %			7.50				
EXTRACTABLE MINORS							
Boron* (ppm)			0.32				
Iron* (ppm)			148				
Manganese* (ppm)			6				
Copper* (ppm)			0.96				
Zinc* (ppm)			2.42				
Aluminum* (ppm)			264				
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						
	NO ₃ -N (ppm)			1.9			
	NH ₄ -N (ppm)			0.8			

* Mehlich III Extractable