

lb/A

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

73606-37

Name Seven Oaks Country Club City Bakersfield State CA

Independent Consultant Soil and Water Consulting Date 5/2/2025

Sample Location	ISLANDS	FAIRWAY			
Sample Identification		3			
Lab Number		0731-1			
Total Exchange Capacity (ME/100 g)		7.76			
pH	Buffer (SMP/Sikora)	NA			
	H ₂ O (1:1)	7.3			
Organic Matter (360°C LOI) %		2.60			
Estimated Nitrogen Release	lb/A	72			
ANIONS	SOLUBLE SULFUR*				
	ppm	18			
	MEHLICH III lb/A P as P ₂ O ₅	133			
	ppm of P	29			
	BRAY II lb/A P as P ₂ O ₅				
EXCHANGEABLE CATIONS	ppm of P				
	OLSEN lb/A P as P ₂ O ₅				
	ppm of P				
	CALCIUM* lb/A	2396			
	ppm	1198			
EXCHANGEABLE CATIONS	MAGNESIUM* lb/A	194			
	ppm	97			
	POTASSIUM* lb/A	236			
	ppm	118			
	SODIUM* lb/A	158			
EXCHANGEABLE CATIONS	ppm	79			
BASE SATURATION PERCENT					
	Calcium %	77.19			
	Magnesium %	10.42			
	Potassium %	3.90			
	Sodium %	4.43			
	Other Bases %	4.10			
	Hydrogen %	0.00			
EXTRACTABLE MINORS					
	Boron* (ppm)	0.74			
	Iron* (ppm)	247			
	Manganese* (ppm)	15			
	Copper* (ppm)	1.36			
	Zinc* (ppm)	4.04			
	Aluminum* (ppm)	181			
OTHER TESTS	Soluble Salts (mmhos/cm)				
	Chlorides (ppm)				
	NO ₃ -N (ppm)	< 0.5			
	NH ₄ -N (ppm)	< 0.5			
	NO ₃ -N (ppm)				
	NH ₄ -N (ppm)				

* Mehlich III Extractable

lb/A

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Sample Location	LAKES		FAIRWAY			
Sample Identification			3			
Lab Number			0734-1			
Total Exchange Capacity (ME/100 g)			7.46			
pH	Buffer (SMP/Sikora) H ₂ O (1:1)		a NA 7.8			
Organic Matter (360°C LOI) %			2.03			
Estimated Nitrogen Release	lb/A		61			
ANIONS	SOLUBLE SULFUR*					
	ppm		20			
	MEHLICH III lb/A P as P ₂ O ₅ ppm of P		179 39			
	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	2402			
	ppm		1201			
	MAGNESIUM*	lb/A	136			
	ppm		68			
	POTASSIUM*	lb/A	306			
	ppm		153			
	SODIUM*	lb/A	106			
	ppm		53			
BASE SATURATION PERCENT						
	Calcium	%	80.50			
	Magnesium	%	7.60			
	Potassium	%	5.26			
	Sodium	%	3.09			
	Other Bases	%	3.60			
	Hydrogen	%	0.00			
EXTRACTABLE MINORS						
	Boron* (ppm)		0.68			
	Iron* (ppm)		154			
	Manganese* (ppm)		39			
	Copper* (ppm)		1.18			
	Zinc* (ppm)		4.80			
	Aluminum* (ppm)		177			
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					
	NO ₃ -N (ppm)		0.8			
	NH ₄ -N (ppm)		< 0.5			
	NO ₃ -N (ppm)					
	NH ₄ -N (ppm)					

a - alkaline soil

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Sample Location	OAKS		FAIRWAY			
Sample Identification			3			
Lab Number			0737-1			
Total Exchange Capacity (ME/100 g)			9.38			
pH	Buffer (SMP/Sikora)		NA			
	H ₂ O (1:1)		7.1			
Organic Matter (360°C LOI) %			3.63			
Estimated Nitrogen Release	lb/A		86			
ANIONS	SOLUBLE SULFUR*					
	ppm		18			
	MEHLICH III lb/A P as P ₂ O ₅		398			
	ppm of P		87			
	BRAY II lb/A P as P ₂ O ₅					
	ppm of P					
EXCHANGEABLE CATIONS	OLSEN lb/A P as P ₂ O ₅					
	ppm of P					
	CALCIUM* lb/A		2892			
	ppm		1446			
	MAGNESIUM* lb/A		196			
BASE SATURATION PERCENT	ppm		98			
	POTASSIUM* lb/A		440			
	ppm		220			
	SODIUM* lb/A		170			
	ppm		85			
BASE SATURATION PERCENT						
	Calcium %		77.08			
	Magnesium %		8.71			
	Potassium %		6.01			
	Sodium %		3.94			
	Other Bases %		4.30			
	Hydrogen %		0.00			
EXTRACTABLE MINORS						
	Boron* (ppm)		0.84			
	Iron* (ppm)		287			
	Manganese* (ppm)		16			
	Copper* (ppm)		1.01			
	Zinc* (ppm)		7.86			
	Aluminum* (ppm)		211			
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					
	NO ₃ -N (ppm)		2.7			
	NH ₄ -N (ppm)		2.1			

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