

lb/A

BROOKSIDE LABORATORIES, INC. 73606-38

SOIL AUDIT AND INVENTORY REPORT

Name Seven Oaks Country Club City Bakersfield State CA

Independent Consultant Soil and Water Consulting Date 10/30/2025

Sample Location		ISLANDS	FAIRWAY				
Sample Identification			1				
Lab Number			0315-1				
Total Exchange Capacity (ME / 100 g)			7.71				
pH		Buffer (SMP/Sikora) H ₂ O (1:1)	NA 7.4				
Organic Matter (360°C LOI) %			3.76				
Estimated Nitrogen Release		lb / A	88				
ANIONS	SOLUBLE SULFUR*		ppm	15			
	PHOSPHORUS	MEHLICH III	lb/A P as P ₂ O ₅ ppm of P	270 59			
		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				
	EXCHANGABLE CATIONS	CALCIUM*	lb/A ppm	2416 1208			
MAGNESIUM*		lb/A ppm	190 95				
POTASSIUM*		lb/A ppm	190 95				
SODIUM*		lb/A ppm	152 76				
BASE SATURATION PERCENT							
	Calcium	%	78.34				
	Magnesium	%	10.27				
	Potassium	%	3.16				
	Sodium	%	4.29				
	Other Bases	%	4.00				
	Hydrogen	%	0.00				
EXTRACTABLE MINORS							
	Boron* (ppm)		0.73				
	Iron* (ppm)		387				
	Manganese* (ppm)		18				
	Copper* (ppm)		1.85				
	Zinc* (ppm)		5.03				
	Aluminum* (ppm)		227				
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)		18.18				
	NO ₃ -N (ppm)		2.2				
	NH ₄ -N (ppm)		1.2				
	NO ₃ -N (ppm)		158.76				
	NH ₄ -N (ppm)						

a - alkaline

* Mehlich III Extractable

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Sample Location		LAKES	FAIRWAY				
Sample Identification			1				
Lab Number			0318-1				
Total Exchange Capacity (ME / 100 g)			8.25				
pH		Buffer (SMP/Sikora) H ₂ O (1:1)	NA 7.3				
Organic Matter (360°C LOI) %			3.80				
Estimated Nitrogen Release		lb / A	88				
ANIONS	SOLUBLE SULFUR*		ppm	13			
	PHOSPHORUS	MEHLICH III	lb/A P as P ₂ O ₅ ppm of P	463 101			
		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				
EXCHANGABLE CATIONS	CALCIUM*	lb/A ppm	2610 1305				
	MAGNESIUM*	lb/A ppm	176 88				
	POTASSIUM*	lb/A ppm	290 145				
	SODIUM*	lb/A ppm	130 65				
BASE SATURATION PERCENT							
	Calcium	%	79.09				
	Magnesium	%	8.89				
	Potassium	%	4.51				
	Sodium	%	3.43				
	Other Bases	%	4.10				
	Hydrogen	%	0.00				
EXTRACTABLE MINORS							
	Boron* (ppm)		0.84				
	Iron* (ppm)		432				
	Manganese* (ppm)		15				
	Copper* (ppm)		1.26				
	Zinc* (ppm)		6.45				
	Aluminum* (ppm)		215				
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)		25.35				
	NO ₃ -N (ppm)		3.1				
	NH ₄ -N (ppm)		2.3				
	NO ₃ -N (ppm)		119.66				
	NH ₄ -N (ppm)						

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Sample Location			OAKS	FAIRWAY					
Sample Identification				1					
Lab Number				0321-1					
Total Exchange Capacity (ME / 100 g)				11.43					
pH		Buffer (SMP/Sikora)		7.5					
		H ₂ O (1:1)		6.9					
Organic Matter (360°C LOI) %				5.17					
Estimated Nitrogen Release				lb / A	101				
ANIONS	SOLUBLE SULFUR*			ppm	29				
	PHOSPHORUS	MEHLICH III	lb/A	P as P ₂ O ₅	682				
					ppm of P	149			
		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						
EXCHANGABLE CATIONS	CALCIUM*	lb/A		3602					
		ppm		1801					
	MAGNESIUM*	lb/A		194					
		ppm		97					
	POTASSIUM*	lb/A		436					
		ppm		218					
	SODIUM*	lb/A		172					
		ppm		86					
BASE SATURATION PERCENT									
Calcium		%		78.78					
Magnesium		%		7.07					
Potassium		%		4.89					
Sodium		%		3.27					
Other Bases		%		4.50					
Hydrogen		%		1.50					
EXTRACTABLE MINORS									
Boron* (ppm)				0.95					
Iron* (ppm)				405					
Manganese* (ppm)				14					
Copper* (ppm)				1.65					
Zinc* (ppm)				8.63					
Aluminum* (ppm)				194					
OTHER TESTS	Soluble Salts (mmhos/cm)								
	Chlorides (ppm)			19.32					
	NO ₃ -N (ppm)			13.9					
	NH ₄ -N (ppm)			1.9					
	NO ₃ -N (ppm)			99.95					
	NH ₄ -N (ppm)								

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Sample Location	ISLANDS	FAIRWAY				
Sample Identification		5 (BAD)				
Lab Number		0324-1				
Total Exchange Capacity (ME / 100 g)		12.53				
pH	Buffer (SMP/Sikora) H ₂ O (1:1)	7.3 5.6				
Organic Matter (360°C LOI) %		2.94				
Estimated Nitrogen Release	lb / A	79				
ANIONS	SOLUBLE SULFUR*	ppm	34			
	MEHLICH III	lb/A P as P ₂ O ₅ ppm of P	247 54			
	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				
EXCHANGABLE CATIONS	CALCIUM*	lb/A ppm	2732 1366			
	MAGNESIUM*	lb/A ppm	188 94			
	POTASSIUM*	lb/A ppm	328 164			
	SODIUM*	lb/A ppm	156 78			
BASE SATURATION PERCENT						
	Calcium	%	54.51			
	Magnesium	%	6.25			
	Potassium	%	3.36			
	Sodium	%	2.71			
	Other Bases	%	6.20			
	Hydrogen	%	27.00			
EXTRACTABLE MINORS						
	Boron* (ppm)		0.70			
	Iron* (ppm)		214			
	Manganese* (ppm)		34			
	Copper* (ppm)		1.29			
	Zinc* (ppm)		4.09			
	Aluminum* (ppm)		223			
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)		20.31			
	NO ₃ -N (ppm)		49.1			
	NH ₄ -N (ppm)		0.7			
	Bicarbonate (ppm)		22.09			
	Sodium (ppm)					

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