

lb/A

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

73606-35

Name Seven Oaks CC City Bakersfield State CAIndependent Consultant Soil and Water Consulting Date 6/28/2024

Sample Location		TEES	ISLAND	LAKES	OAKS		
Sample Identification			TEE 5	TEE 5	TEE 5		
Lab Number			0625-1	0626-1	0627-1		
Total Exchange Capacity (ME/100 g)			7.84	9.19	8.60		
pH (H ₂ O 1:1)			7.3	7.2	^a 7.4		
Organic Matter (360°C LOI) %			2.64	2.45	2.43		
Estimated Nitrogen Release		lb/A	73	69	69		
ANIONS	SOLUBLE SULFUR*	ppm	38	14	11		
	MEHLICH III	lb/A P as P ₂ O ₅ ppm of P					
	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	32 7	32 7	41 9		
EXCHANGEABLE CATIONS	CALCIUM*	lb/A	2444	3080	2834		
		ppm	1222	1540	1417		
	MAGNESIUM*	lb/A	174	136	166		
		ppm	87	68	83		
	POTASSIUM*	lb/A	282	220	190		
		ppm	141	110	95		
	SODIUM*	lb/A	148	116	110		
		ppm	74	58	55		
BASE SATURATION PERCENT							
Calcium		%	77.93	83.79	82.38		
Magnesium		%	9.25	6.17	8.04		
Potassium		%	4.61	3.07	2.83		
Sodium		%	4.10	2.74	2.78		
Other Bases		%	4.10	4.20	4.00		
Hydrogen		%	0.00	0.00	0.00		
EXTRACTABLE MINORS							
Boron** (ppm)			0.81	0.69	0.73		
Iron** (ppm)			169	213	159		
Manganese** (ppm)			17	37	46		
Copper** (ppm)			0.95	1.76	1.42		
Zinc** (ppm)			4.36	12.31	8.68		
Aluminum** (ppm)			127	127	155		
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						
	NO ₃ -N (ppm)		7.3	17.6	13.2		
	NH ₄ -N (ppm)		1.7	1.3	1.8		

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** Mehlich III Extractable

lb/A

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

73606-35

Name Seven Oaks CC City Bakersfield State CAIndependent Consultant Soil and Water Consulting Date 6/28/2024

Sample Location	FAIRWAYS	ISLAND	LAKES	OAKS		
Sample Identification		FWY 5	FWY 5	FWY 5		
Lab Number		0628-1	0629-1	0630-1		
Total Exchange Capacity (ME/100 g)		8.49	10.85	9.15		
pH (H ₂ O 1:1)		6.8	6.5	6.7		
Organic Matter (360°C LOI) %		3.15	3.78	4.28		
Estimated Nitrogen Release lb/A		82	88	93		
ANIONS	SOLUBLE SULFUR*	ppm	42	37	24	
	MEHLICH III	lb/A P as P ₂ O ₅ ppm of P				
	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	55 12	124 27	82 18	
EXCHANGEABLE CATIONS	CALCIUM*	lb/A ppm	2522 1261	3056 1528	2702 1351	
	MAGNESIUM*	lb/A ppm	192 96	214 107	192 96	
	POTASSIUM*	lb/A ppm	300 150	486 243	340 170	
	SODIUM*	lb/A ppm	164 82	160 80	144 72	
BASE SATURATION PERCENT						
	Calcium	%	74.26	70.41	73.83	
	Magnesium	%	9.42	8.22	8.74	
	Potassium	%	4.53	5.74	4.76	
	Sodium	%	4.20	3.21	3.42	
	Other Bases	%	4.60	4.90	4.70	
	Hydrogen	%	3.00	7.50	4.50	
EXTRACTABLE MINORS						
	Boron** (ppm)		0.71	0.97	0.97	
	Iron** (ppm)		277	531	458	
	Manganese** (ppm)		26	9	14	
	Copper** (ppm)		1.15	2.74	1.41	
	Zinc** (ppm)		4.11	8.97	8.12	
	Aluminum** (ppm)		224	200	234	
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					
	NO ₃ -N (ppm)		3.2	24.7	14.3	
	NH ₄ -N (ppm)		1.4	3.6	1.5	

* Ammonium Acetate Extractable (pH of 8.1)

** Mehlich III Extractable

lb/A

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

73606-35

Name Seven Oaks CC City Bakersfield State CAIndependent Consultant Soil and Water Consulting Date 6/28/2024

Sample Location	GREENS	ISLAND	LAKES	OAKS		
Sample Identification		GREEN 5	GREEN 5	GREEN 5		
Lab Number		0631-1	0632-1	0633-1		
Total Exchange Capacity (ME/100 g)		3.95	7.64	6.38		
pH (H ₂ O 1:1)		a 8.1	a 7.8	a 7.8		
Organic Matter (360°C LOI) %		0.53	1.10	0.98		
Estimated Nitrogen Release lb/A		21	42	39		
ANIONS	SOLUBLE SULFUR*	ppm	54	74	62	
	MEHLICH III	lb/A P as P ₂ O ₅ ppm of P				
	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	73 16	101 22	105 23	
EXCHANGEABLE CATIONS	CALCIUM*	lb/A ppm	1128 564	2400 1200	2010 1005	
	MAGNESIUM*	lb/A ppm	108 54	116 58	112 56	
	POTASSIUM*	lb/A ppm	278 139	486 243	350 175	
	SODIUM*	lb/A ppm	90 45	118 59	98 49	
BASE SATURATION PERCENT						
	Calcium	%	71.39	78.53	78.76	
	Magnesium	%	11.39	6.33	7.31	
	Potassium	%	9.02	8.16	7.03	
	Sodium	%	4.95	3.36	3.34	
	Other Bases	%	3.30	3.60	3.60	
	Hydrogen	%	0.00	0.00	0.00	
EXTRACTABLE MINORS						
	Boron** (ppm)		0.61	1.05	0.86	
	Iron** (ppm)		182	226	186	
	Manganese** (ppm)		78	108	86	
	Copper** (ppm)		2.93	4.98	3.21	
	Zinc** (ppm)		11.08	15.67	13.35	
	Aluminum** (ppm)		125	128	143	
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					
	NO ₃ -N (ppm)		0.6	1.2	1.0	
	NH ₄ -N (ppm)		0.6	< 0.5	< 0.5	

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** Mehlich III Extractable