

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Seven Oaks CC
Bakersfield, CA

File Number: 73606
Date Received: 6/12/2023
Date Reported: 6/15/2023

Submitted By: Soil and Water Consulting

Lab Number	0146			0147			
Description	TEES LAKES 7			TEES OAKS 7			
pH	8.0			7.8			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	401			273			
Chloride	39			16			
Nitrate (NO ₃ -N)	1.7			1.5			
Bicarbonate	125.24			126.43			
Sulfur	52.63			18.79			
Phosphorus	0.05			1.32			
Calcium	76.03	3.79	52.02	45.82	2.29	50.62	
Magnesium	11.05	0.91	12.46	6.16	0.51	11.21	
Potassium	14.86	0.38	5.21	22.25	0.57	12.60	
Sodium	50.84	2.21	30.31	26.58	1.16	25.58	
TOTAL		7.29	100		4.52	100	
Boron	0.21			0.09			
Iron	1.28			0.36			
Manganese	0.09			0.07			
Copper	0.05			0.05			
Zinc	0.02			0.02			
Aluminum	1.53			0.35			
Ammonium (NH ₄ -N)	1.3			2.5			
ESP (calculated)	0.86			0.18			
SAR (calculated)	1.44			0.98			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0148			0149			
Description	FAIRWAYS			FAIRWAYS			
	LAKES			OAKS			
	7			7			
pH	7.5			7.5			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	268			346			
Chloride	39			24			
Nitrate (NO3-N)	1.1			4.2			
Bicarbonate	52.81			56.05			
Sulfur	34.11			53.51			
Phosphorus	0.35			1.03			
Calcium	34.85	1.74	37.95	48.06	2.40	43.70	
Magnesium	5.18	0.43	9.31	7.75	0.64	11.62	
Potassium	11.46	0.29	6.40	35.53	0.91	16.56	
Sodium	48.83	2.12	46.34	35.50	1.54	28.12	
TOTAL		4.58	100		5.49	100	
Boron	0.29			0.24			
Iron	4.68			1.42			
Manganese	0.12			0.09			
Copper	0.10			0.08			
Zinc	0.04			0.03			
Aluminum	4.36			1.39			
Ammonium (NH4-N)	< 0.5			2.7			
ESP (calculated)	1.72			0.58			
SAR (calculated)	2.04			1.25			

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Lab Number	0150			0151			
Description	GREENS LAKES 7			GREENS OAKS 7			
pH	7.7			7.8			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	310			354			
Chloride	21			29			
Nitrate (NO ₃ -N)	< 0.5			< 0.5			
Bicarbonate	74.26			102.03			
Sulfur	46.39			50.91			
Phosphorus	1.49			3.18			
Calcium	36.11	1.80	34.48	48.15	2.40	41.59	
Magnesium	13.40	1.10	21.09	6.51	0.54	9.27	
Potassium	28.78	0.74	14.09	43.88	1.12	19.43	
Sodium	36.46	1.59	30.34	39.47	1.72	29.71	
TOTAL		5.22	100		5.78	100	
Boron	0.13			0.29			
Iron	1.06			0.74			
Manganese	0.08			0.12			
Copper	0.07			0.09			
Zinc	0.02			0.04			
Aluminum	1.09			0.84			
Ammonium (NH ₄ -N)	1.0			2.3			
ESP (calculated)	0.68			0.82			
SAR (calculated)	1.32			1.42			

* Soluble Salts: mmhos/cm = ppm / 640