

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Los Robles Greens Golf Course
299 South Moorpark Road
91361

File Number: 80417
Date Received: 10/23/2023
Date Reported: 10/25/2023

Submitted By: Soil and Water Consulting

Lab Number	0023			0024			
Description	FAIRWAY			FAIRWAY			
	9			17			
pH	8.0			7.9			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	3292			797			
Chloride	1598			85			
Nitrate (NO3-N)	< 0.5			6.4			
Bicarbonate	167.40			95.46			
Sulfur	629.37			108.97			
Phosphorus	0.68			1.73			
Calcium	457.40	22.82	30.74	84.73	4.23	31.36	
Magnesium	288.30	23.71	31.93	40.79	3.35	24.88	
Potassium	23.20	0.59	0.80	54.88	1.40	10.41	
Sodium	623.69	27.12	36.52	103.40	4.50	33.35	
TOTAL		74.24	100		13.48	100	
Boron	0.57			0.24			
Iron	0.84			2.05			
Manganese	0.91			0.14			
Copper	0.05			0.04			
Zinc	0.03			0.03			
Aluminum	0.86			2.54			
Ammonium (NH4-N)	2.0			1.8			
ESP (calculated)	6.57			2.10			
SAR (calculated)	5.62			2.31			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0025			0026			
Description	GREEN			GREEN			
	3			14			
pH	7.9			7.8			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	387			340			
Chloride	40			44			
Nitrate (NO ₃ -N)	1.9			2.7			
Bicarbonate	53.51			54.59			
Sulfur	51.06			46.18			
Phosphorus	3.41			4.48			
Calcium	34.96	1.74	29.08	32.25	1.61	27.89	
Magnesium	17.28	1.42	23.68	18.30	1.51	26.09	
Potassium	16.09	0.41	6.86	14.16	0.36	6.28	
Sodium	55.72	2.42	40.38	52.74	2.29	39.74	
TOTAL		6.00	100		5.77	100	
Boron	0.13			0.17			
Iron	0.73			0.76			
Manganese	0.07			0.05			
Copper	0.03			0.03			
Zinc	0.02			0.02			
Aluminum	0.89			0.86			
Ammonium (NH ₄ -N)	< 0.5			< 0.5			
ESP (calculated)	1.56			1.43			
SAR (calculated)	1.93			1.84			

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Lab Number	0027
Description	GREEN
	17

pH	7.8
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	238					
Chloride	26					
Nitrate (NO ₃ -N)	2.6					
Bicarbonate	48.78					
Sulfur	26.40					
Phosphorus	3.51					
Calcium	21.80	1.09	28.57			
Magnesium	10.82	0.89	23.37			
Potassium	9.56	0.24	6.42			
Sodium	36.46	1.59	41.64			
TOTAL		3.81	100			
Boron	0.11					
Iron	1.48					
Manganese	0.10					
Copper	0.03					
Zinc	0.02					
Aluminum	1.72					
Ammonium (NH ₄ -N)	< 0.5					
ESP (calculated)	1.08					
SAR (calculated)	1.59					

* Soluble Salts: mmhos/cm = ppm / 640