

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Los Robles Greens Golf Course
299 South Moorpark Road
91361

File Number: 80417
Date Received: 3/13/2023
Date Reported: 3/15/2023

Submitted By: Soil and Water Consulting

Lab Number	0017			0018			
Description	FAIRWAY			FAIRWAY			
	2			10			
pH	8.3			7.9			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	331			198			
Chloride	23			15			
Nitrate (NO ₃ -N)	< 0.5			1.9			
Bicarbonate	168.38			74.83			
Sulfur	11.51			7.62			
Phosphorus	1.43			2.44			
Calcium	36.41	1.82	33.00	15.17	0.76	25.61	
Magnesium	13.49	1.11	20.15	6.89	0.57	19.17	
Potassium	25.15	0.64	11.68	17.73	0.45	15.34	
Sodium	44.53	1.94	35.17	27.11	1.18	39.87	
TOTAL		5.51	100		2.96	100	
Boron	0.15			0.26			
Iron	3.42			4.72			
Manganese	0.05			0.06			
Copper	0.08			0.11			
Zinc	0.03			0.05			
Aluminum	3.73			5.19			
Ammonium (NH ₄ -N)	< 0.5			< 0.5			
ESP (calculated)	1.09			0.87			
SAR (calculated)	1.60			1.45			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0019			0020			
Description	GREEN			GREEN			
	1			10			
pH	8.0			7.9			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	289			305			
Chloride	18			18			
Nitrate (NO ₃ -N)	< 0.5			< 0.5			
Bicarbonate	109.36			102.51			
Sulfur	20.71			35.76			
Phosphorus	3.09			3.10			
Calcium	45.76	2.28	51.19	53.37	2.66	50.46	
Magnesium	12.41	1.02	22.88	15.38	1.27	23.97	
Potassium	17.70	0.45	10.15	21.65	0.55	10.49	
Sodium	16.20	0.70	15.79	18.29	0.80	15.07	
TOTAL		4.46	100		5.28	100	
Boron	0.08			0.09			
Iron	0.82			3.60			
Manganese	0.22			0.42			
Copper	0.03			0.03			
Zinc	0.04			0.08			
Aluminum	1.20			5.34			
Ammonium (NH ₄ -N)	< 0.5			< 0.5			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.55			0.57			

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Lab Number	0021			0022			
Description	GREEN			GREEN			
	11			16			
pH	8.0			8.0			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	371			424			
Chloride	21			25			
Nitrate (NO ₃ -N)	0.8			3.5			
Bicarbonate	114.45			119.95			
Sulfur	45.66			62.78			
Phosphorus	2.61			2.73			
Calcium	60.47	3.02	49.88	77.59	3.87	49.62	
Magnesium	17.33	1.43	23.56	21.68	1.78	22.85	
Potassium	29.36	0.75	12.41	43.22	1.11	14.17	
Sodium	19.68	0.86	14.15	23.99	1.04	13.37	
TOTAL		6.05	100		7.80	100	
Boron	0.08			0.08			
Iron	0.55			0.45			
Manganese	0.30			0.22			
Copper	0.04			0.04			
Zinc	0.04			0.04			
Aluminum	0.68			0.54			
Ammonium (NH ₄ -N)	0.6			0.9			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.57			0.62			

* Soluble Salts: mmhos/cm = ppm / 640