

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Los Robles Greens Golf Course
299 South Moorpark Road
91361

File Number: 80417
Date Received: 3/14/2022
Date Reported: 3/16/2022

Submitted By: Soil and Water Consulting

Lab Number	0001			0002			
Description	FAIRWAY			FAIRWAY			
	6			16			
pH	7.9			8.0			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	499			815			
Chloride	79			78			
Nitrate (NO ₃ -N)	< 0.5			< 0.5			
Bicarbonate	193.22			208.30			
Sulfur	35.75			138.54			
Phosphorus	2.45			0.55			
Calcium	49.75	2.48	30.22	102.15	5.10	34.29	
Magnesium	18.92	1.56	18.94	39.61	3.26	21.91	
Potassium	39.42	1.01	12.27	19.98	0.51	3.44	
Sodium	72.86	3.17	38.56	138.03	6.00	40.37	
TOTAL		8.21	100		14.87	100	
Boron	0.20			0.21			
Iron	1.12			0.79			
Manganese	0.11			0.47			
Copper	0.09			0.05			
Zinc	0.02			0.01			
Aluminum	1.13			0.87			
Ammonium (NH ₄ -N)	2.2			0.6			
ESP (calculated)	1.99			2.98			
SAR (calculated)	2.23			2.94			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0003			0004			
Description	GREEN			GREEN			
	1			2			
pH	7.8			7.7			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	320			351			
Chloride	35			46			
Nitrate (NO ₃ -N)	3.7			1.7			
Bicarbonate	71.21			66.52			
Sulfur	38.90			45.24			
Phosphorus	2.68			2.17			
Calcium	38.64	1.93	38.04	43.71	2.18	38.76	
Magnesium	8.63	0.71	14.01	10.24	0.84	14.96	
Potassium	22.18	0.57	11.19	22.82	0.58	10.37	
Sodium	42.85	1.86	36.76	46.47	2.02	35.91	
TOTAL		5.07	100		5.63	100	
Boron	0.14			0.23			
Iron	0.28			0.47			
Manganese	0.04			0.04			
Copper	0.04			0.05			
Zinc	< 0.01			0.01			
Aluminum	0.33			0.58			
Ammonium (NH ₄ -N)	0.5			0.5			
ESP (calculated)	1.12			1.15			
SAR (calculated)	1.62			1.64			

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Lab Number	0005			0006			
Description	GREEN			GREEN			
	6			8			
pH	7.8			7.7			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	271			333			
Chloride	40			38			
Nitrate (NO ₃ -N)	2.6			3.4			
Bicarbonate	68.86			75.87			
Sulfur	27.41			43.49			
Phosphorus	2.58			2.43			
Calcium	29.61	1.48	35.84	44.73	2.23	42.23	
Magnesium	6.08	0.50	12.13	9.41	0.77	14.64	
Potassium	17.31	0.44	10.74	21.33	0.55	10.32	
Sodium	39.15	1.70	41.29	39.87	1.73	32.80	
TOTAL		4.12	100		5.28	100	
Boron	0.18			0.14			
Iron	0.44			0.39			
Manganese	0.02			0.03			
Copper	0.04			0.03			
Zinc	0.01			0.01			
Aluminum	0.50			0.47			
Ammonium (NH ₄ -N)	< 0.5			0.5			
ESP (calculated)	1.25			0.82			
SAR (calculated)	1.71			1.41			

* Soluble Salts: mmhos/cm = ppm / 640