

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Los Robles Greens Golf Course
299 South Moorpark Road
91361

File Number: 80417
Date Received: 9/16/2024
Date Reported: 9/18/2024

Submitted By: Soil and Water Consulting

Lab Number	0001
Description	TEE
	4

pH	7.9
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	802					
Chloride	144					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	126.47					

Sulfur	152.70					
Phosphorus	1.58					
Calcium	102.35	5.11	31.50			
Magnesium	65.92	5.42	33.44			
Potassium	16.70	0.43	2.63			
Sodium	120.91	5.26	32.42			
TOTAL		16.21	100			

Boron	0.24
Iron	0.58
Manganese	0.05
Copper	0.06
Zinc	0.01
Aluminum	0.44
Ammonium (NH ₄ -N)	6.9

ESP (calculated)	2.08
SAR (calculated)	2.29

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0002
Description	FAIRWAY
	4

pH	7.9
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1476					
Chloride	409					
Nitrate (NO3-N)	1.3					
Bicarbonate	183.53					
Sulfur	271.65					
Phosphorus	2.59					
Calcium	211.36	10.55	34.85			
Magnesium	120.17	9.88	32.65			
Potassium	62.34	1.59	5.27			
Sodium	189.54	8.24	27.23			
TOTAL		30.26	100			
Boron	0.44					
Iron	0.13					
Manganese	0.02					
Copper	0.05					
Zinc	< 0.01					
Aluminum	0.05					
Ammonium (NH4-N)	2.8					
ESP (calculated)	2.48					
SAR (calculated)	2.58					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0003			0004			
Description	GREEN			GREEN			
	4			15			
pH	7.5			7.7			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	437			413			
Chloride	65			40			
Nitrate (NO3-N)	2.4			2.5			
Bicarbonate	45.83			56.43			
Sulfur	66.60			66.52			
Phosphorus	4.04			4.11			
Calcium	34.91	1.74	26.38	37.55	1.87	25.08	
Magnesium	22.17	1.82	27.61	26.96	2.22	29.67	
Potassium	30.79	0.79	11.92	30.66	0.78	10.50	
Sodium	51.79	2.25	34.09	59.70	2.60	34.75	
TOTAL		6.60	100		7.47	100	
Boron	0.12			0.15			
Iron	0.84			1.10			
Manganese	0.04			0.10			
Copper	0.04			0.05			
Zinc	0.01			0.02			
Aluminum	1.05			1.54			
Ammonium (NH4-N)	1.7			< 0.5			
ESP (calculated)	1.21			1.40			
SAR (calculated)	1.69			1.82			

* Soluble Salts: mmhos/cm = ppm / 640