

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Los Robles Greens Golf Course
299 South Moorpark Road
91361

File Number: 80417
Date Received: 3/25/2024
Date Reported: 3/26/2024

Submitted By: Soil and Water Consulting

Lab Number	0072
Description	TEE
	12

pH	8.3
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	351					
Chloride	32					
Nitrate (NO ₃ -N)	1.0					
Bicarbonate	151.80					
Sulfur	26.03					
Phosphorus	2.98					
Calcium	49.50	2.47	36.21			
Magnesium	18.79	1.55	22.65			
Potassium	13.57	0.35	5.09			
Sodium	56.55	2.46	36.05			
TOTAL		6.82	100			

Boron	0.15
Iron	1.88
Manganese	0.07
Copper	0.08
Zinc	0.03
Aluminum	2.13
Ammonium (NH ₄ -N)	1.1

ESP (calculated)	1.28
SAR (calculated)	1.74

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0073
Description	FAIRWAY
	12

pH	8.1
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	349					
Chloride	49					
Nitrate (NO3-N)	13.5					
Bicarbonate	93.24					
Sulfur	14.20					
Phosphorus	4.46					
Calcium	33.93	1.69	30.87			
Magnesium	17.22	1.42	25.81			
Potassium	47.16	1.21	21.99			
Sodium	26.91	1.17	21.33			
TOTAL		5.49	100			
Boron	0.25					
Iron	3.38					
Manganese	0.04					
Copper	0.05					
Zinc	0.03					
Aluminum	4.01					
Ammonium (NH4-N)	2.5					
ESP (calculated)	0.12					
SAR (calculated)	0.94					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0074			0075			
Description	GREEN			GREEN			
	12			13			
pH	8.0			7.9			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	287			211			
Chloride	20			15			
Nitrate (NO ₃ -N)	< 0.5			< 0.5			
Bicarbonate	92.93			70.68			
Sulfur	35.13			23.27			
Phosphorus	6.78			6.25			
Calcium	42.70	2.13	41.05	34.37	1.72	41.01	
Magnesium	22.01	1.81	34.86	17.65	1.45	34.71	
Potassium	12.68	0.32	6.25	10.98	0.28	6.72	
Sodium	21.30	0.93	17.84	16.90	0.73	17.57	
TOTAL		5.19	100		4.18	100	
Boron	0.18			0.16			
Iron	1.06			1.93			
Manganese	0.13			0.19			
Copper	0.06			0.06			
Zinc	0.04			0.04			
Aluminum	1.18			2.51			
Ammonium (NH ₄ -N)	< 0.5			1.4			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.66			0.58			

* Soluble Salts: mmhos/cm = ppm / 640