

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Western Golf Properties
1 Spectrum Pointe Dr #310
Lake Forest, CA 92630

File Number: 80046
Date Received: 9/16/2024
Date Reported: 9/18/2024

Submitted By: Soil and Water Consulting

Lab Number	0018			0019			
Description	TRI-PALM CC			TRI-PALM CC			
	TEE			FAIRWAY			
	2			2			
pH	8.1			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	211			584			
Chloride	12			70			
Nitrate (NO3-N)	1.6			< 0.5			
Bicarbonate	129.05			244.12			
Sulfur	9.04			65.73			
Phosphorus	2.34			1.20			
Calcium	39.43	1.97	48.85	17.58	0.88	42.68	
Magnesium	8.99	0.74	18.36	3.46	0.28	13.84	
Potassium	13.53	0.35	8.59	6.78	0.17	8.44	
Sodium	22.41	0.97	24.19	16.56	0.72	35.04	
TOTAL		4.03	100		2.06	100	
Boron	0.04			0.02			
Iron	1.82			0.07			
Manganese	0.05			0.01			
Copper	0.03			0.01			
Zinc	< 0.01			0.02			
Aluminum	1.92			< 0.01			
Ammonium (NH4-N)	< 0.5			1.0			
ESP (calculated)	< .01			0.13			
SAR (calculated)	0.84			0.94			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0020			0021			
Description	TRI-PALM CC			TRI-PALM CC			
	GREEN			GREEN			
	2			10			
pH	8.1			8.0			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	159			188			
Chloride	4			12			
Nitrate (NO3-N)	4.1			3.8			
Bicarbonate	87.04			81.16			
Sulfur	7.94			10.45			
Phosphorus	0.92			0.97			
Calcium	28.87	1.44	46.99	27.35	1.36	43.29	
Magnesium	6.69	0.55	17.95	6.27	0.52	16.35	
Potassium	6.68	0.17	5.57	9.29	0.24	7.54	
Sodium	20.79	0.90	29.49	23.80	1.03	32.82	
TOTAL		3.07	100		3.15	100	
Boron	0.06			0.11			
Iron	0.88			1.62			
Manganese	0.03			0.04			
Copper	0.05			0.05			
Zinc	< 0.01			< 0.01			
Aluminum	1.18			2.00			
Ammonium (NH4-N)	< 0.5			< 0.5			
ESP (calculated)	0.08			0.31			
SAR (calculated)	0.91			1.07			

* Soluble Salts: mmhos/cm = ppm / 640