

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 80046
Date Received: 10/23/2023
Date Reported: 10/25/2023

Submitted By: Soil and Water Consulting

Lab Number	0032			0033			
Description	TRI-PALM CC			TRI-PALM CC			
	TEE			FAIRWAY			
	6			6			
pH	7.7			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	359			532			
Chloride	25			30			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	172.35			280.91			
Sulfur	16.13			39.06			
Phosphorus	5.99			2.41			
Calcium	100.16	5.00	62.40	133.68	6.67	60.46	
Magnesium	16.67	1.37	17.12	22.65	1.86	16.88	
Potassium	26.05	0.67	8.32	39.06	1.00	9.05	
Sodium	22.40	0.97	12.16	34.51	1.50	13.60	
TOTAL		8.01	100		11.03	100	
Boron	0.03			0.05			
Iron	1.10			1.02			
Manganese	0.50			0.67			
Copper	0.08			0.10			
Zinc	0.05			0.10			
Aluminum	1.26			1.23			
Ammonium (NH4-N)	2.6			4.3			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.55			0.73			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0034			0035			
Description	TRI-PALM CC			TRI-PALM CC			
	GREEN			GREEN			
	6			13			
pH	8.2			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	413			342			
Chloride	28			24			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	223.44			169.39			
Sulfur	23.49			21.16			
Phosphorus	3.03			2.00			
Calcium	71.11	3.55	45.95	59.50	2.97	47.59	
Magnesium	17.43	1.43	18.57	13.94	1.15	18.38	
Potassium	52.62	1.35	17.43	39.00	1.00	15.99	
Sodium	32.05	1.39	18.05	25.88	1.13	18.04	
TOTAL		7.72	100		6.24	100	
Boron	0.04			0.06			
Iron	0.72			1.57			
Manganese	0.35			0.21			
Copper	0.14			0.06			
Zinc	0.10			0.08			
Aluminum	0.73			1.75			
Ammonium (NH4-N)	3.8			1.5			
ESP (calculated)	0.04			< .01			
SAR (calculated)	0.88			0.78			

* Soluble Salts: mmhos/cm = ppm / 640