

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 80046
Date Received: 9/26/2022
Date Reported: 9/28/2022

Submitted By: Soil and Water Consulting

Lab Number	0051			0052			
Description	TRI-PALM CC			TRI-PALM CC			
	TEE			FAIRWAY			
	3			3			
pH	8.2			8.4			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	241			499			
Chloride	11			26			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	140.32			221.34			
Sulfur	10.30			53.87			
Phosphorus	2.11			1.33			
Calcium	42.29	2.11	50.75	89.08	4.45	46.18	
Magnesium	8.80	0.72	17.40	18.77	1.54	16.03	
Potassium	11.82	0.30	7.27	26.98	0.69	7.17	
Sodium	23.50	1.02	24.58	67.77	2.95	30.61	
TOTAL		4.16	100		9.63	100	
Boron	0.03			0.04			
Iron	2.37			0.64			
Manganese	0.08			0.05			
Copper	0.10			0.09			
Zinc	0.02			0.02			
Aluminum	2.83			0.76			
Ammonium (NH4-N)	0.8			1.0			
ESP (calculated)	< .01			1.24			
SAR (calculated)	0.86			1.70			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0053			0054			
Description	TRI-PALM CC			TRI-PALM CC			
	GREEN			GREEN			
	3			PG			
pH	8.0			8.3			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	229			360			
Chloride	10			16			
Nitrate (NO3-N)	13.8			7.2			
Bicarbonate	68.03			131.73			
Sulfur	12.70			28.76			
Phosphorus	1.79			1.98			
Calcium	29.14	1.45	38.71	46.00	2.30	38.07	
Magnesium	8.37	0.69	18.33	11.46	0.94	15.64	
Potassium	23.05	0.59	15.70	45.91	1.17	19.48	
Sodium	23.55	1.02	27.26	37.18	1.62	26.82	
TOTAL		3.76	100		6.03	100	
Boron	0.05			0.06			
Iron	2.54			2.83			
Manganese	0.07			0.06			
Copper	0.11			0.13			
Zinc	0.03			0.04			
Aluminum	3.14			3.70			
Ammonium (NH4-N)	< 0.5			< 0.5			
ESP (calculated)	0.20			0.61			
SAR (calculated)	0.99			1.27			

* Soluble Salts: mmhos/cm = ppm / 640