

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 80046
Date Received: 10/4/2021
Date Reported: 10/6/2021

Submitted By: Soil and Water Consulting

Lab Number	0034			0035			
Description	TRI-PALM CC			TRI-PALM CC			
	TEE			FAIRWAY			
	1			1			
pH	8.3			8.4			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	439			758			
Chloride	49			93			
Nitrate (NO3-N)	6.6			5.6			
Bicarbonate	161.49			243.21			
Sulfur	30.08			96.78			
Phosphorus	0.77			0.86			
Calcium	62.62	3.12	42.90	125.38	6.26	44.86	
Magnesium	11.68	0.96	13.19	22.21	1.83	13.10	
Potassium	24.55	0.63	8.62	56.80	1.45	10.42	
Sodium	59.12	2.57	35.29	101.45	4.41	31.63	
TOTAL		7.28	100		13.95	100	
Boron	0.04			0.05			
Iron	1.22			0.89			
Manganese	0.06			0.05			
Copper	0.04			0.05			
Zinc	0.02			0.03			
Aluminum	1.43			0.98			
Ammonium (NH4-N)	4.3			1.5			
ESP (calculated)	1.37			1.94			
SAR (calculated)	1.80			2.19			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0036			0037			
Description	TRI-PALM CC			TRI-PALM CC			
	GREEN			GREEN			
	1			18			
pH	8.2			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	255			328			
Chloride	18			13			
Nitrate (NO3-N)	11.4			29.4			
Bicarbonate	145.02			131.00			
Sulfur	15.04			10.61			
Phosphorus	0.77			0.83			
Calcium	27.12	1.35	37.48	28.25	1.41	36.06	
Magnesium	7.71	0.63	17.56	7.63	0.63	16.06	
Potassium	14.68	0.38	10.40	24.34	0.62	15.92	
Sodium	28.70	1.25	34.56	28.73	1.25	31.95	
TOTAL		3.61	100		3.91	100	
Boron	0.03			0.02			
Iron	3.63			2.64			
Manganese	0.08			0.07			
Copper	0.04			0.03			
Zinc	0.04			0.03			
Aluminum	4.60			2.97			
Ammonium (NH4-N)	1.0			23.4			
ESP (calculated)	0.58			0.56			
SAR (calculated)	1.25			1.24			

* Soluble Salts: mmhos/cm = ppm / 640