

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	0030			0031			
Description	ASHWOOD GC			ASHWOOD GC			
	TEE			FAIRWAY			
	B9			B9			
pH	8.3			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	303			269			
Chloride	42			33			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	131.61			128.74			
Sulfur	10.43			8.41			
Phosphorus	3.17			3.56			
Calcium	47.92	2.39	48.52	41.01	2.05	47.42	
Magnesium	10.72	0.88	17.88	9.33	0.77	17.77	
Potassium	18.12	0.46	9.40	22.01	0.56	13.04	
Sodium	27.42	1.19	24.19	21.62	0.94	21.78	
TOTAL		4.93	100		4.32	100	
Boron	0.04			0.03			
Iron	1.25			1.75			
Manganese	0.14			0.15			
Copper	0.04			0.03			
Zinc	0.03			0.04			
Aluminum	1.71			2.74			
Ammonium (NH4-N)	3.7			3.9			
ESP (calculated)	0.11			< .01			
SAR (calculated)	0.93			0.79			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0032			0033			
Description	ASHWOOD GC			ASHWOOD GC			
	GREEN			GREEN			
	B1			B9			
pH	8.3			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	239			243			
Chloride	23			28			
Nitrate (NO3-N)	0.5			0.8			
Bicarbonate	118.47			132.32			
Sulfur	7.89			11.60			
Phosphorus	0.80			0.61			
Calcium	38.15	1.90	53.01	43.65	2.18	55.18	
Magnesium	7.29	0.60	16.70	8.46	0.70	17.63	
Potassium	9.53	0.24	6.78	11.51	0.29	7.46	
Sodium	19.41	0.84	23.50	17.92	0.78	19.74	
TOTAL		3.59	100		3.95	100	
Boron	0.05			0.03			
Iron	1.02			1.64			
Manganese	0.08			0.19			
Copper	0.03			0.02			
Zinc	0.02			0.02			
Aluminum	1.26			2.32			
Ammonium (NH4-N)	1.3			2.2			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.75			0.65			

* Soluble Salts: mmhos/cm = ppm / 640