

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	0036			0037			
Description	ASHWOOD GC			ASHWOOD GC			
	TEE			FAIRWAY			
	B7			B7			
pH	8.1			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	207			237			
Chloride	21			18			
Nitrate (NO3-N)	< 0.5			1.2			
Bicarbonate	113.90			126.93			
Sulfur	7.96			8.99			
Phosphorus	3.32			3.04			
Calcium	36.64	1.83	46.75	41.89	2.09	48.01	
Magnesium	8.13	0.67	17.10	10.09	0.83	19.05	
Potassium	12.72	0.33	8.32	14.19	0.36	8.34	
Sodium	25.04	1.09	27.83	24.63	1.07	24.60	
TOTAL		3.91	100		4.35	100	
Boron	0.04			0.04			
Iron	2.18			2.66			
Manganese	0.19			0.19			
Copper	0.05			0.03			
Zinc	0.04			0.03			
Aluminum	3.42			3.65			
Ammonium (NH4-N)	< 0.5			0.8			
ESP (calculated)	0.18			0.05			
SAR (calculated)	0.97			0.89			

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	0038			0039			
Description	ASHWOOD GC			ASHWOOD GC			
	GREEN			GREEN			
	B7			B8			
pH	8.0			7.8			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	198			263			
Chloride	16			21			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	67.05			48.03			
Sulfur	20.54			41.67			
Phosphorus	0.48			0.48			
Calcium	27.87	1.39	43.27	41.89	2.09	49.37	
Magnesium	4.75	0.39	12.15	6.38	0.52	12.39	
Potassium	25.98	0.66	20.67	25.79	0.66	15.58	
Sodium	17.67	0.77	23.90	22.07	0.96	22.66	
TOTAL		3.21	100		4.23	100	
Boron	0.05			0.04			
Iron	1.23			1.61			
Manganese	0.07			0.05			
Copper	0.03			0.02			
Zinc	0.01			0.02			
Aluminum	1.82			2.49			
Ammonium (NH4-N)	< 0.5			< 0.5			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.81			0.84			

* Soluble Salts: mmhos/cm = ppm / 640