

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 80046
Date Received: 6/25/2024
Date Reported: 6/27/2024

Submitted By: Soil and Water Consulting

Lab Number	0041			0042			
Description	BIRCH HILLS GC			BIRCH HILLS GC			
	TEE			FAIRWAY			
	1			1			
pH	7.9			7.9			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	511			460			
Chloride	57			60			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	114.12			140.52			
Sulfur	54.20			40.18			
Phosphorus	1.39			0.83			
Calcium	67.72	3.38	40.45	82.68	4.13	54.75	
Magnesium	18.14	1.49	17.86	17.69	1.45	19.30	
Potassium	36.45	0.93	11.16	13.43	0.34	4.56	
Sodium	58.67	2.55	30.54	37.09	1.61	21.40	
TOTAL		8.35	100		7.54	100	
Boron	0.12			0.07			
Iron	1.93			2.39			
Manganese	0.10			0.19			
Copper	0.03			0.03			
Zinc	0.02			0.02			
Aluminum	2.15			2.51			
Ammonium (NH4-N)	1.0			< 0.5			
ESP (calculated)	1.14			0.16			
SAR (calculated)	1.63			0.97			

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	0043			0044			
Description	BIRCH HILLS GC			BIRCH HILLS GC			
	GREEN			GREEN			
	1			18			
pH	7.6			7.7			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	426			368			
Chloride	54			40			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	70.58			62.98			
Sulfur	54.62			43.95			
Phosphorus	1.59			0.85			
Calcium	52.98	2.64	42.43	47.47	2.37	44.95	
Magnesium	9.75	0.80	12.87	7.95	0.65	12.41	
Potassium	39.12	1.00	16.06	28.35	0.72	13.76	
Sodium	41.06	1.79	28.65	35.01	1.52	28.88	
TOTAL		6.23	100		5.27	100	
Boron	0.12			0.08			
Iron	1.03			1.07			
Manganese	0.18			0.27			
Copper	0.03			0.02			
Zinc	0.02			0.02			
Aluminum	1.30			1.40			
Ammonium (NH4-N)	1.0			0.7			
ESP (calculated)	0.74			0.56			
SAR (calculated)	1.36			1.24			

* Soluble Salts: mmhos/cm = ppm / 640