

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 80046
Date Received: 6/21/2021
Date Reported: 6/23/2021

Submitted By: Soil and Water Consulting

Lab Number	0025			0026			
Description	BIRCH HILLS GC			BIRCH HILLS GC			
	TEE			FAIRWAY			
	6			6			
pH	8.2			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	436			803			
Chloride	55			92			
Nitrate (NO3-N)	4.7			< 0.5			
Bicarbonate	130.11			167.16			
Sulfur	44.79			160.77			
Phosphorus	1.66			0.25			
Calcium	77.67	3.88	48.60	196.06	9.78	58.91	
Magnesium	17.64	1.45	18.19	36.26	2.98	17.96	
Potassium	18.67	0.48	5.99	7.59	0.19	1.17	
Sodium	49.92	2.17	27.22	83.91	3.65	21.97	
TOTAL		7.97	100		16.61	100	
Boron	0.11			0.10			
Iron	0.95			0.46			
Manganese	0.08			0.11			
Copper	0.02			0.02			
Zinc	0.02			0.01			
Aluminum	1.26			0.54			
Ammonium (NH4-N)	1.1			0.5			
ESP (calculated)	0.70			0.86			
SAR (calculated)	1.33			1.44			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0027			0028			
Description	BIRCH HILLS GC			BIRCH HILLS GC			
	GREEN			GREEN			
	4			6			
pH	8.1			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	371			504			
Chloride	33			43			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	105.42			96.11			
Sulfur	46.71			84.18			
Phosphorus	1.14			1.38			
Calcium	51.94	2.59	41.50	77.21	3.85	43.71	
Magnesium	9.99	0.82	13.16	13.76	1.13	12.84	
Potassium	48.29	1.24	19.78	72.38	1.85	21.00	
Sodium	36.72	1.60	25.56	45.49	1.98	22.44	
TOTAL		6.25	100		8.81	100	
Boron	0.11			0.17			
Iron	1.05			0.64			
Manganese	0.25			0.17			
Copper	0.02			0.02			
Zinc	0.01			0.01			
Aluminum	1.47			0.80			
Ammonium (NH4-N)	1.1			1.3			
ESP (calculated)	0.54			0.58			
SAR (calculated)	1.22			1.25			

* Soluble Salts: mmhos/cm = ppm / 640