

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 80046
Date Received: 6/17/2022
Date Reported: 6/21/2022

Submitted By: Soil and Water Consulting

Lab Number	0075			0076			
Description	BIRCH HILLS GC			BIRCH HILLS GC			
	TEE			FAIRWAY			
	7			7			
pH	7.9			7.9			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	749			799			
Chloride	120			76			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	180.02			136.76			
Sulfur	109.58			180.52			
Phosphorus	3.38			0.07			
Calcium	154.14	7.69	52.30	158.92	7.93	49.87	
Magnesium	35.45	2.92	19.82	40.38	3.32	20.88	
Potassium	56.43	1.44	9.81	9.87	0.25	1.59	
Sodium	61.11	2.66	18.07	101.19	4.40	27.66	
TOTAL		14.71	100		15.90	100	
Boron	0.14			0.20			
Iron	0.61			1.03			
Manganese	0.38			0.32			
Copper	0.15			0.04			
Zinc	0.05			< 0.01			
Aluminum	0.70			1.38			
Ammonium (NH4-N)	6.0			0.9			
ESP (calculated)	0.44			1.45			
SAR (calculated)	1.15			1.85			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0077			0078			
Description	BIRCH HILLS GC			BIRCH HILLS GC			
	GREEN			GREEN			
	7			8			
pH	8.0			8.0			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	479			333			
Chloride	47			32			
Nitrate (NO3-N)	4.8			1.1			
Bicarbonate	77.66			71.62			
Sulfur	87.12			54.74			
Phosphorus	0.61			0.68			
Calcium	80.07	4.00	47.28	58.67	2.93	50.42	
Magnesium	14.81	1.22	14.41	9.96	0.82	14.11	
Potassium	43.92	1.12	13.29	16.75	0.43	7.38	
Sodium	48.64	2.11	25.02	37.52	1.63	28.09	
TOTAL		8.45	100		5.81	100	
Boron	0.13			0.12			
Iron	0.73			1.01			
Manganese	0.06			0.05			
Copper	0.05			0.05			
Zinc	< 0.01			< 0.01			
Aluminum	0.93			1.35			
Ammonium (NH4-N)	3.4			1.3			
ESP (calculated)	0.67			0.50			
SAR (calculated)	1.31			1.19			

* Soluble Salts: mmhos/cm = ppm / 640