

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 80046
Date Received: 06/21/2024
Date Reported: 06/25/2024

Submitted By: Soil and Water Consulting

Lab Number	0021			0022			
Description	THE LEGACY GC			THE LEGACY GC			
	TEE			FAIRWAY			
	3			3			
pH	7.9			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	2589			2248			
Chloride	173			443			
Nitrate (NO3-N)	94.3			99.0			
Bicarbonate	147.23			169.11			
Sulfur	251.00			141.65			
Phosphorus	3.52			4.33			
Calcium	229.88	11.47	23.65	155.22	7.75	21.34	
Magnesium	78.72	6.47	13.35	52.86	4.35	11.98	
Potassium	83.21	2.13	4.39	46.74	1.20	3.29	
Sodium	653.66	28.42	58.61	529.14	23.01	63.39	
TOTAL		48.49	100		36.29	100	
Boron	0.58			0.71			
Iron	0.51			1.12			
Manganese	0.08			0.06			
Copper	0.05			0.04			
Zinc	0.06			0.05			
Aluminum	0.64			1.73			
Ammonium (NH4-N)	23.0			< 0.5			
ESP (calculated)	11.30			11.14			
SAR (calculated)	9.49			9.36			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0023			0024			
Description	THE LEGACY GC			THE LEGACY GC			
	GREEN			GREEN			
	3			10			
pH	8.1			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	1129			1334			
Chloride	148			294			
Nitrate (NO3-N)	40.8			4.5			
Bicarbonate	121.23			136.42			
Sulfur	100.67			164.86			
Phosphorus	5.55			5.35			
Calcium	108.68	5.42	28.34	122.33	6.10	25.44	
Magnesium	29.73	2.44	12.78	36.16	2.97	12.39	
Potassium	34.83	0.89	4.66	43.28	1.11	4.61	
Sodium	238.67	10.38	54.23	317.71	13.81	57.56	
TOTAL		19.14	100		24.00	100	
Boron	0.46			0.53			
Iron	0.51			0.59			
Manganese	0.05			0.05			
Copper	0.05			0.03			
Zinc	0.03			0.04			
Aluminum	0.75			0.74			
Ammonium (NH4-N)	1.5			2.1			
ESP (calculated)	6.07			7.67			
SAR (calculated)	5.23			6.48			

* Soluble Salts: mmhos/cm = ppm / 640