

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 80046
Date Received: 9/18/2023
Date Reported: 9/20/2023

Submitted By: Soil and Water Consulting

Lab Number	0034			0035			
Description	THE LEGACY GC			THE LEGACY GC			
	TEE			FAIRWAY			
	1			1			
pH	8.1			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	744			948			
Chloride	181			249			
Nitrate (NO3-N)	19.8			24.0			
Bicarbonate	172.38			202.52			
Sulfur	51.81			59.41			
Phosphorus	3.51			4.24			
Calcium	42.94	2.14	16.55	53.06	2.65	16.25	
Magnesium	14.49	1.19	9.20	18.16	1.49	9.16	
Potassium	25.41	0.65	5.02	27.13	0.69	4.26	
Sodium	206.22	8.97	69.23	263.59	11.46	70.33	
TOTAL		12.95	100		16.30	100	
Boron	0.53			0.63			
Iron	1.28			0.86			
Manganese	0.09			0.09			
Copper	0.08			0.10			
Zinc	0.07			0.04			
Aluminum	1.17			1.01			
Ammonium (NH4-N)	0.9			0.5			
ESP (calculated)	8.24			9.49			
SAR (calculated)	6.94			7.96			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0036			0037			
Description	THE LEGACY GC			THE LEGACY GC			
	GREEN			GREEN			
	1			18			
pH	8.0			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	580			596			
Chloride	138			149			
Nitrate (NO3-N)	8.8			4.3			
Bicarbonate	95.36			109.21			
Sulfur	38.35			40.31			
Phosphorus	3.78			3.91			
Calcium	28.29	1.41	15.19	33.15	1.65	17.10	
Magnesium	9.36	0.77	8.29	11.16	0.92	9.48	
Potassium	17.38	0.44	4.78	16.21	0.41	4.28	
Sodium	153.28	6.66	71.74	153.85	6.69	69.13	
TOTAL		9.29	100		9.68	100	
Boron	0.31			0.36			
Iron	0.87			1.15			
Manganese	0.09			0.08			
Copper	0.03			0.03			
Zinc	0.03			0.04			
Aluminum	1.13			1.33			
Ammonium (NH4-N)	1.8			0.5			
ESP (calculated)	7.54			6.93			
SAR (calculated)	6.38			5.90			

* Soluble Salts: mmhos/cm = ppm / 640