

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 80046
Date Received: 10/5/2021
Date Reported: 10/7/2021

Submitted By: Soil and Water Consulting

Lab Number	0050			0051			
Description	SAN RAMON GC			SAN RAMON GC			
	TEE			FAIRWAY			
	3			3			
pH	8.4			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	881			845			
Chloride	253			235			
Nitrate (NO3-N)	1.8			< 0.5			
Bicarbonate	246.94			222.02			
Sulfur	55.26			60.53			
Phosphorus	1.17			1.32			
Calcium	54.42	2.72	16.13	66.66	3.33	20.98	
Magnesium	29.60	2.43	14.46	30.85	2.54	16.00	
Potassium	12.36	0.32	1.88	11.08	0.28	1.79	
Sodium	261.52	11.37	67.54	223.29	9.71	61.23	
TOTAL		16.84	100		15.85	100	
Boron	0.77			0.98			
Iron	1.72			1.41			
Manganese	0.11			0.02			
Copper	0.06			0.04			
Zinc	0.06			0.04			
Aluminum	1.03			1.70			
Ammonium (NH4-N)	2.6			2.0			
ESP (calculated)	8.42			6.63			
SAR (calculated)	7.09			5.67			

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	0052			0053			
Description	SAN RAMON GC			SAN RAMON GC			
	GREEN			GREEN			
	3			12			
pH	8.2			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	757			853			
Chloride	178			139			
Nitrate (NO3-N)	1.1			0.6			
Bicarbonate	113.22			132.98			
Sulfur	102.10			144.48			
Phosphorus	0.87			2.72			
Calcium	58.02	2.90	21.08	70.47	3.52	22.74	
Magnesium	23.18	1.91	13.88	31.68	2.61	16.85	
Potassium	46.63	1.19	8.68	75.16	1.92	12.43	
Sodium	177.99	7.74	56.35	170.58	7.42	47.97	
TOTAL		13.73	100		15.46	100	
Boron	0.42			0.53			
Iron	1.59			1.85			
Manganese	0.09			0.11			
Copper	0.01			< 0.01			
Zinc	0.03			0.03			
Aluminum	2.08			1.96			
Ammonium (NH4-N)	1.2			2.3			
ESP (calculated)	5.76			4.76			
SAR (calculated)	4.99			4.24			

* Soluble Salts: mmhos/cm = ppm / 640