

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 80046
Date Received: 10/11/2022
Date Reported: 10/13/2022

Submitted By: Soil and Water Consulting

Lab Number	0016			0017			
Description	SAN RAMON GC			SAN RAMON GC			
	TEE			FAIRWAY			
	10			10			
pH	8.4			8.3			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	810			1119			
Chloride	220			327			
Nitrate (NO3-N)	3.0			< 0.5			
Bicarbonate	226.27			290.23			
Sulfur	50.63			88.72			
Phosphorus	2.45			2.02			
Calcium	63.08	3.15	20.17	71.23	3.55	16.23	
Magnesium	33.12	2.72	17.45	39.28	3.23	14.75	
Potassium	14.55	0.37	2.38	8.79	0.22	1.03	
Sodium	215.33	9.36	59.99	342.63	14.90	68.00	
TOTAL		15.61	100		21.91	100	
Boron	0.74			1.44			
Iron	0.69			0.68			
Manganese	0.28			0.16			
Copper	0.13			0.11			
Zinc	0.06			0.06			
Aluminum	0.86			0.91			
Ammonium (NH4-N)	< 0.5			0.9			
ESP (calculated)	6.37			9.64			
SAR (calculated)	5.46			8.09			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0018			0019			
Description	SAN RAMON GC			SAN RAMON GC			
	GREEN			GREEN			
	10			PG			
pH	8.3			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	1104			721			
Chloride	211			118			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	196.82			159.72			
Sulfur	172.76			99.48			
Phosphorus	2.83			2.94			
Calcium	84.83	4.23	20.74	54.46	2.72	20.82	
Magnesium	38.22	3.14	15.40	23.27	1.91	14.66	
Potassium	118.65	3.03	14.87	72.98	1.87	14.30	
Sodium	229.87	9.99	48.98	150.72	6.55	50.21	
TOTAL		20.40	100		13.05	100	
Boron	0.70			0.64			
Iron	0.33			1.63			
Manganese	0.33			0.23			
Copper	0.07			0.07			
Zinc	0.04			0.05			
Aluminum	0.38			1.74			
Ammonium (NH4-N)	1.6			0.9			
ESP (calculated)	6.03			4.84			
SAR (calculated)	5.20			4.31			

* Soluble Salts: mmhos/cm = ppm / 640