

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 80046
Date Received: 10/28/2024
Date Reported: 10/29/2024

Submitted By: Soil and Water Consulting

Lab Number	0020			0021			
Description	SAN RAMON GC			SAN RAMON GC			
	TEE			FAIRWAY			
	10			10			
pH	8.3			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	661			474			
Chloride	178			113			
Nitrate (NO3-N)	0.6			< 0.5			
Bicarbonate	192.27			158.95			
Sulfur	46.31			26.73			
Phosphorus	1.04			1.44			
Calcium	42.13	2.10	18.85	34.59	1.73	21.70	
Magnesium	22.52	1.85	16.60	18.78	1.54	19.42	
Potassium	5.17	0.13	1.19	4.84	0.12	1.56	
Sodium	162.52	7.07	63.36	104.83	4.56	57.32	
TOTAL		11.15	100		7.95	100	
Boron	0.50			0.38			
Iron	2.20			1.92			
Manganese	0.05			0.02			
Copper	0.05			0.02			
Zinc	0.03			0.02			
Aluminum	3.33			2.88			
Ammonium (NH4-N)	< 0.5			0.7			
ESP (calculated)	5.80			3.84			
SAR (calculated)	5.03			3.56			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0022			0023			
Description	SAN RAMON GC			SAN RAMON GC			
	GREEN			GREEN			
	10			14			
pH	8.1			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	629			532			
Chloride	86			66			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	142.34			130.77			
Sulfur	83.08			69.72			
Phosphorus	3.15			2.41			
Calcium	49.57	2.47	24.52	44.75	2.23	26.14	
Magnesium	20.30	1.67	16.55	18.44	1.52	17.75	
Potassium	61.43	1.57	15.58	45.54	1.16	13.63	
Sodium	100.57	4.37	43.35	83.47	3.63	42.48	
TOTAL		10.09	100		8.54	100	
Boron	0.42			0.31			
Iron	0.73			1.15			
Manganese	0.15			0.14			
Copper	0.02			0.02			
Zinc	0.02			0.02			
Aluminum	0.99			1.32			
Ammonium (NH4-N)	1.1			2.5			
ESP (calculated)	3.12			2.58			
SAR (calculated)	3.04			2.65			

* Soluble Salts: mmhos/cm = ppm / 640