

BROOKSIDE LABORATORIES, INC.
SATURATED SOIL ANALYSIS

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

File Number: 80046
Date Received: 10/31/2024
Date Reported: 11/1/2024

Submitted By: Soil and Water Consulting

Lab Number	0001			0002			
Description	ASHWOOD GC			ASHWOOD GC			
	TEE			FAIRWAY			
	B4			B4			
pH	7.4			7.3			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	289			265			
Chloride	42			42			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	104.27			72.67			
Sulfur	15.07			22.28			
Phosphorus	3.07			0.97			
Calcium	38.76	1.93	43.58	34.42	1.72	42.37	
Magnesium	10.01	0.82	18.55	8.62	0.71	17.48	
Potassium	18.64	0.48	10.74	17.70	0.45	11.17	
Sodium	27.70	1.20	27.13	27.03	1.18	28.98	
TOTAL		4.44	100		4.05	100	
Boron	0.03			0.07			
Iron	0.53			1.47			
Manganese	0.12			0.25			
Copper	0.02			0.01			
Zinc	0.02			0.02			
Aluminum	0.95			1.96			
Ammonium (NH4-N)	< 0.5			< 0.5			
ESP (calculated)	0.25			0.31			
SAR (calculated)	1.03			1.07			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0003			0004			
Description	ASHWOOD GC GREEN B4			ASHWOOD GC GREEN PG			
pH	7.9			7.8			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	410			349			
Chloride	43			47			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	113.03			94.18			
Sulfur	49.33			39.72			
Phosphorus	1.12			1.42			
Calcium	57.92	2.89	44.80	51.07	2.55	44.80	
Magnesium	9.58	0.79	12.21	8.84	0.73	12.78	
Potassium	57.07	1.46	22.62	39.10	1.00	17.58	
Sodium	30.21	1.31	20.36	32.49	1.41	24.84	
TOTAL		6.45	100		5.69	100	
Boron	0.18			0.13			
Iron	0.69			1.13			
Manganese	0.16			0.19			
Copper	0.02			0.03			
Zinc	0.03			0.03			
Aluminum	1.04			2.00			
Ammonium (NH4-N)	< 0.5			< 0.5			
ESP (calculated)	0.17			0.37			
SAR (calculated)	0.97			1.10			

* Soluble Salts: mmhos/cm = ppm / 640