

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 80046
Date Received: 7/22/2020
Date Reported: 7/24/2020

Submitted By: Soil and Water Consulting

Lab Number	0056			0057			
Description	YUCAIPA VALLEY GC			YUCAIPA VALLEY GC			
	TEE			FAIRWAY			
	4			4			
pH	7.9			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	349			659			
Chloride	55			106			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	90.42			230.05			
Sulfur	25.98			41.74			
Phosphorus	1.90			1.33			
Calcium	34.23	1.71	27.05	75.08	3.75	29.33	
Magnesium	12.90	1.06	16.80	27.56	2.27	17.74	
Potassium	14.58	0.37	5.91	13.71	0.35	2.75	
Sodium	72.95	3.17	50.24	147.48	6.41	50.19	
TOTAL		6.31	100		12.78	100	
Boron	0.17			0.25			
Iron	2.08			1.35			
Manganese	0.11			0.30			
Copper	0.06			0.03			
Zinc	0.04			0.02			
Aluminum	1.91			1.43			
Ammonium (NH4-N)	2.4			2.4			
ESP (calculated)	2.64			4.03			
SAR (calculated)	2.70			3.70			

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	0058			0059			
Description	YUCAIPA VALLEY GC			YUCAIPA VALLEY GC			
	GREEN			GREEN			
	3			4			
pH	7.9			7.9			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	411			417			
Chloride	59			65			
Nitrate (NO3-N)	9.2			0.6			
Bicarbonate	110.12			118.65			
Sulfur	29.27			40.39			
Phosphorus	4.96			5.85			
Calcium	38.82	1.94	26.81	37.52	1.87	26.31	
Magnesium	11.56	0.95	13.16	12.14	1.00	14.03	
Potassium	32.83	0.84	11.62	36.02	0.92	12.94	
Sodium	80.45	3.50	48.41	76.47	3.32	46.71	
TOTAL		7.23	100		7.12	100	
Boron	0.22			0.19			
Iron	1.13			2.90			
Manganese	0.08			0.22			
Copper	0.05			0.06			
Zinc	0.04			0.08			
Aluminum	1.40			2.85			
Ammonium (NH4-N)	5.4			8.9			
ESP (calculated)	2.94			2.75			
SAR (calculated)	2.91			2.77			

* Soluble Salts: mmhos/cm = ppm / 640