

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 80046
Date Received: 6/21/2021
Date Reported: 6/23/2021

Submitted By: Soil and Water Consulting

Lab Number	0018			0019			
Description	YUCAIPA VALLEY GC			YUCAIPA VALLEY GC			
	TEE			FAIRWAY			
	5			5			
pH	7.5			8.3			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	574			637			
Chloride	77			124			
Nitrate (NO3-N)	2.9			< 0.5			
Bicarbonate	62.99			174.16			
Sulfur	94.56			58.47			
Phosphorus	1.88			0.55			
Calcium	60.34	3.01	30.91	48.59	2.42	20.70	
Magnesium	21.83	1.80	18.43	17.25	1.42	12.11	
Potassium	25.42	0.65	6.67	5.86	0.15	1.28	
Sodium	98.58	4.29	43.99	177.57	7.72	65.91	
TOTAL		9.74	100		11.71	100	
Boron	0.36			0.36			
Iron	1.14			2.28			
Manganese	0.22			0.18			
Copper	0.05			0.03			
Zinc	0.04			0.02			
Aluminum	1.04			2.06			
Ammonium (NH4-N)	4.3			< 0.5			
ESP (calculated)	2.74			6.50			
SAR (calculated)	2.76			5.57			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0020			0021			
Description	YUCAIPA VALLEY GC			YUCAIPA VALLEY GC			
	GREEN			GREEN			
	5			12			
pH	7.9			8.0			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	710			833			
Chloride	122			133			
Nitrate (NO ₃ -N)	< 0.5			< 0.5			
Bicarbonate	93.12			105.00			
Sulfur	108.41			135.72			
Phosphorus	2.14			1.70			
Calcium	76.69	3.83	31.14	106.11	5.29	34.29	
Magnesium	22.79	1.87	15.25	29.91	2.46	15.93	
Potassium	45.68	1.17	9.51	52.05	1.33	8.62	
Sodium	124.63	5.42	44.10	146.19	6.36	41.16	
TOTAL		12.29	100		15.44	100	
Boron	0.28			0.36			
Iron	1.26			0.61			
Manganese	0.18			0.42			
Copper	0.03			0.03			
Zinc	0.04			0.04			
Aluminum	1.57			0.74			
Ammonium (NH ₄ -N)	1.1			1.3			
ESP (calculated)	3.36			3.38			
SAR (calculated)	3.21			3.23			

* Soluble Salts: mmhos/cm = ppm / 640