

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	0060			0061			
Description	SILVER LAKES THE SIX PL			SILVER LAKES THE STADIU			
pH	8.2			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	749			667			
Chloride	137			116			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	299.59			241.39			
Sulfur	63.02			42.02			
Phosphorus	2.90			5.18			
Calcium	89.28	4.46	33.21	77.73	3.88	31.92	
Magnesium	18.70	1.54	11.46	18.53	1.52	12.54	
Potassium	57.96	1.48	11.05	44.63	1.14	9.39	
Sodium	136.65	5.94	44.28	128.99	5.61	46.15	
TOTAL		13.42	100		12.15	100	
Boron	0.24			0.30			
Iron	0.97			0.72			
Manganese	1.03			1.18			
Copper	0.04			0.03			
Zinc	0.03			0.03			
Aluminum	1.08			0.75			
Ammonium (NH4-N)	4.4			2.3			
ESP (calculated)	3.66			3.64			
SAR (calculated)	3.43			3.41			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0062			0063			
Description	SILVER LAKES 9-13			SILVER LAKES THE QUAD			
pH	8.1			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	929			1269			
Chloride	125			154			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	256.54			217.14			
Sulfur	137.48			203.84			
Phosphorus	1.46			0.34			
Calcium	142.98	7.13	40.91	183.72	9.17	38.29	
Magnesium	28.36	2.33	13.37	42.48	3.49	14.59	
Potassium	38.05	0.97	5.58	28.25	0.72	3.02	
Sodium	160.97	7.00	40.13	242.91	10.56	44.11	
TOTAL		17.44	100		23.94	100	
Boron	0.31			0.34			
Iron	0.58			0.72			
Manganese	2.09			1.90			
Copper	0.01			0.02			
Zinc	0.03			0.01			
Aluminum	0.66			0.79			
Ammonium (NH4-N)	2.7			0.8			
ESP (calculated)	3.37			4.70			
SAR (calculated)	3.22			4.20			

* Soluble Salts: mmhos/cm = ppm / 640