

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 80046
Date Received: 10/19/2020
Date Reported: 10/21/2020

Submitted By: Soil and Water Consulting

Lab Number	0062			0063			
Description	REVERE GC			REVERE GC			
	LEXINGTON			LEXINGTON			
	TEE 6			TEE 8			
pH	8.2			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	746			721			
Chloride	166			159			
Nitrate (NO3-N)	3.5			1.2			
Bicarbonate	130.97			137.93			
Sulfur	73.76			74.22			
Phosphorus	3.82			4.03			
Calcium	76.37	3.81	27.00	74.89	3.74	26.77	
Magnesium	23.09	1.90	13.45	23.25	1.91	13.70	
Potassium	21.46	0.55	3.89	20.20	0.52	3.70	
Sodium	180.68	7.86	55.66	179.30	7.80	55.84	
TOTAL		14.11	100		13.96	100	
Boron	0.23			0.21			
Iron	0.50			0.75			
Manganese	0.03			0.04			
Copper	0.04			0.04			
Zinc	0.03			0.03			
Aluminum	0.64			1.08			
Ammonium (NH4-N)	0.8			0.5			
ESP (calculated)	5.30			5.29			
SAR (calculated)	4.65			4.64			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0064			0065			
Description	REVERE GC LEXINGTON FAIRWAY 6			REVERE GC LEXINGTON FAIRWAY 8			
pH	8.2			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	2073			2278			
Chloride	218			329			
Nitrate (NO3-N)	6.3			1.1			
Bicarbonate	146.36			164.20			
Sulfur	449.43			461.55			
Phosphorus	2.40			1.66			
Calcium	486.00	24.25	48.54	460.69	22.99	43.55	
Magnesium	109.57	9.01	18.04	109.65	9.02	17.08	
Potassium	42.54	1.09	2.18	56.39	1.44	2.73	
Sodium	358.97	15.61	31.24	444.91	19.34	36.64	
TOTAL		49.96	100		52.79	100	
Boron	0.41			0.40			
Iron	0.19			0.24			
Manganese	0.07			0.16			
Copper	0.02			0.03			
Zinc	0.01			0.02			
Aluminum	0.28			0.23			
Ammonium (NH4-N)	1.8			1.8			
ESP (calculated)	4.20			5.55			
SAR (calculated)	3.83			4.84			

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Lab Number	0066			0067			
Description	REVERE GC			REVERE GC			
	CONCORD			LEXINGTON			
	GREEN 17			GREEN 6			
pH	8.2			8.3			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	556			511			
Chloride	88			63			
Nitrate (NO ₃ -N)	< 0.5			< 0.5			
Bicarbonate	105.61			121.31			
Sulfur	57.25			59.01			
Phosphorus	1.64			0.84			
Calcium	68.82	3.43	33.79	49.26	2.46	33.02	
Magnesium	22.03	1.81	17.83	14.81	1.22	16.36	
Potassium	23.21	0.59	5.84	12.92	0.33	4.44	
Sodium	99.44	4.32	42.54	79.09	3.44	46.19	
TOTAL		10.16	100		7.45	100	
Boron	0.15			0.08			
Iron	0.62			0.48			
Manganese	0.31			0.20			
Copper	0.01			< 0.01			
Zinc	0.02			0.03			
Aluminum	1.27			0.84			
Ammonium (NH ₄ -N)	< 0.5			< 0.5			
ESP (calculated)	2.61			2.42			
SAR (calculated)	2.67			2.54			

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Lab Number	0068
Description	REVERE GC LEXINGTON GREEN 8

pH	8.1
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	381					
Chloride	37					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	94.74					
Sulfur	43.66					
Phosphorus	1.06					
Calcium	47.15	2.35	32.19			
Magnesium	14.09	1.16	15.85			
Potassium	14.81	0.38	5.18			
Sodium	78.65	3.42	46.78			
TOTAL		7.31	100			
Boron	0.08					
Iron	1.18					
Manganese	0.34					
Copper	0.01					
Zinc	0.05					
Aluminum	1.94					
Ammonium (NH ₄ -N)	< 0.5					
ESP (calculated)	2.48					
SAR (calculated)	2.58					

* Soluble Salts: mmhos/cm = ppm / 640