

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 80046
Date Received: 3/5/2020
Date Reported: 3/9/2020

Submitted By: Soil and Water Consulting

Lab Number	0060			0061			
Description	REVERE GC			REVERE GC			
	CONCORD			LEXINGTO			
	GREEN 1			TEE 1			
pH	8.2			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	390			971			
Chloride	42			275			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	127.11			226.61			
Sulfur	56.70			100.75			
Phosphorus	1.25			3.01			
Calcium	51.12	2.55	32.37	76.73	3.83	19.24	
Magnesium	15.24	1.25	15.90	24.96	2.05	10.32	
Potassium	15.42	0.39	5.01	21.94	0.56	2.82	
Sodium	84.68	3.68	46.72	309.40	13.45	67.62	
TOTAL		7.88	100		19.89	100	
Boron	0.16			0.35			
Iron	0.35			1.09			
Manganese	0.26			0.09			
Copper	0.02			0.08			
Zinc	0.08			0.07			
Aluminum	0.65			1.68			
Ammonium (NH4-N)	< 0.5			< 0.5			
ESP (calculated)	2.61			9.35			
SAR (calculated)	2.67			7.84			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0062			0063			
Description	REVERE GC			REVERE GC			
	LEXINGTO			LEXINGTO			
	TEE 10			FAIRWAY 1			
pH	8.2			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	959			1921			
Chloride	267			321			
Nitrate (NO3-N)	0.9			< 0.5			
Bicarbonate	242.46			214.18			
Sulfur	93.95			467.06			
Phosphorus	3.28			1.01			
Calcium	92.36	4.61	23.43	420.39	20.98	45.51	
Magnesium	28.56	2.35	11.94	82.55	6.79	14.73	
Potassium	25.36	0.65	3.30	40.54	1.04	2.25	
Sodium	277.56	12.07	61.34	397.68	17.29	37.51	
TOTAL		19.67	100		46.09	100	
Boron	0.29			0.36			
Iron	1.20			0.37			
Manganese	0.09			0.36			
Copper	0.08			0.03			
Zinc	0.06			0.03			
Aluminum	1.77			0.55			
Ammonium (NH4-N)	0.8			0.6			
ESP (calculated)	7.65			5.29			
SAR (calculated)	6.47			4.64			

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Lab Number	0064			0065			
Description	REVERE GC			REVERE GC			
	LEXINGTO			LEXINGTO			
	FAIRWAY 10			GREEN 1			
pH	8.1			8.3			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	1989			513			
Chloride	312			49			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	204.31			159.57			
Sulfur	496.72			64.56			
Phosphorus	1.16			1.06			
Calcium	423.96	21.16	44.85	56.84	2.84	29.63	
Magnesium	89.86	7.39	15.66	16.13	1.33	13.86	
Potassium	48.05	1.23	2.61	15.67	0.40	4.19	
Sodium	400.21	17.40	36.88	115.22	5.01	52.33	
TOTAL		47.18	100		9.57	100	
Boron	0.42			0.20			
Iron	0.60			0.73			
Manganese	0.47			0.36			
Copper	0.03			0.03			
Zinc	0.03			0.13			
Aluminum	1.03			1.27			
Ammonium (NH4-N)	0.5			< 0.5			
ESP (calculated)	5.24			3.72			
SAR (calculated)	4.61			3.47			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0066
Description	REVERE GC LEXINGTO GREEN 10

pH	8.2
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	416					
Chloride	40					
Nitrate (NO3-N)	< 0.5					
Bicarbonate	142.02					
Sulfur	43.96					
Phosphorus	0.85					
Calcium	45.87	2.29	31.71			
Magnesium	13.09	1.08	14.92			
Potassium	11.13	0.28	3.94			
Sodium	82.05	3.57	49.43			
TOTAL		7.22	100			
Boron	0.14					
Iron	0.47					
Manganese	0.25					
Copper	0.02					
Zinc	0.09					
Aluminum	0.79					
Ammonium (NH4-N)	< 0.5					
ESP (calculated)	2.72					
SAR (calculated)	2.75					

* Soluble Salts: mmhos/cm = ppm / 640