

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 80046
Date Received: 10/3/2018
Date Reported: 10/5/2018

Submitted By: Soil and Water Consulting

Lab Number	0020			0021			
Description	REVERE GC			REVERE GC			
	LEXINGTO			LEXINGTO			
	TEE 2			TEE 11			
pH	8.0			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	554			576			
Chloride	84			94			
Nitrate (NO3-N)	0.7			1.3			
Bicarbonate	234.28			180.59			
Sulfur	45.93			59.23			
Phosphorus	2.53			3.91			
Calcium	52.72	2.63	27.15	49.07	2.45	25.51	
Magnesium	16.96	1.39	14.39	16.54	1.36	14.17	
Potassium	14.63	0.37	3.86	14.77	0.38	3.94	
Sodium	121.71	5.29	54.60	124.45	5.41	56.38	
TOTAL		9.69	100		9.60	100	
Boron	0.12			0.12			
Iron	0.81			0.57			
Manganese	0.26			0.09			
Copper	0.04			0.05			
Zinc	0.09			0.05			
Aluminum	1.02			0.79			
Ammonium (NH4-N)	1.1			< 0.5			
ESP (calculated)	4.07			4.33			
SAR (calculated)	3.73			3.92			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0022			0023			
Description	REVERE GC			REVERE GC			
	LEXINGTO			LEXINGTO			
	FAIRWAY2			FAIRWY11			
pH	8.0			8.0			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	2086			1960			
Chloride	140			77			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	178.15			251.36			
Sulfur	585.82			576.90			
Phosphorus	1.46			1.58			
Calcium	498.44	24.87	53.89	522.19	26.06	58.86	
Magnesium	90.05	7.41	16.04	96.41	7.93	17.91	
Potassium	47.36	1.21	2.62	37.22	0.95	2.15	
Sodium	291.34	12.67	27.44	214.59	9.33	21.08	
TOTAL		46.16	100		44.27	100	
Boron	0.36			0.26			
Iron	0.63			0.29			
Manganese	0.42			0.51			
Copper	0.03			0.03			
Zinc	0.02			0.03			
Aluminum	1.14			0.54			
Ammonium (NH4-N)	0.8			1.2			
ESP (calculated)	3.28			2.04			
SAR (calculated)	3.15			2.26			

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Lab Number	0024			0025			
Description	REVERE GC			REVERE GC			
	LEXINGTO			LEXINGTO			
	GREEN 2			GREEN 11			
pH	8.2			8.3			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	482			650			
Chloride	62			92			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	146.42			195.23			
Sulfur	55.38			80.63			
Phosphorus	1.41			1.32			
Calcium	52.35	2.61	31.12	63.55	3.17	28.07	
Magnesium	16.28	1.34	15.94	18.56	1.53	13.51	
Potassium	14.16	0.36	4.31	20.36	0.52	4.61	
Sodium	93.88	4.08	48.62	139.77	6.08	53.80	
TOTAL		8.39	100		11.30	100	
Boron	0.13			0.12			
Iron	0.58			0.49			
Manganese	0.41			0.37			
Copper	0.04			0.05			
Zinc	0.06			0.07			
Aluminum	0.94			0.73			
Ammonium (NH4-N)	< 0.5			< 0.5			
ESP (calculated)	2.93			4.39			
SAR (calculated)	2.90			3.97			

* Soluble Salts: mmhos/cm = ppm / 640