

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 80046
Date Received: 3/30/2021
Date Reported: 4/1/2021

Submitted By: Soil and Water Consulting

Lab Number	0019			0020			
Description	REVERE GC			REVERE GC			
	CONCORD			CONCORD			
	TEE 10			TEE 15			
pH	7.8			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	1530			922			
Chloride	304			235			
Nitrate (NO3-N)	4.0			3.0			
Bicarbonate	139.67			157.10			
Sulfur	279.64			85.03			
Phosphorus	0.96			2.49			
Calcium	306.09	15.27	45.54	86.24	4.30	25.47	
Magnesium	59.54	4.90	14.60	23.27	1.91	11.33	
Potassium	44.10	1.13	3.36	21.57	0.55	3.27	
Sodium	281.48	12.24	36.49	232.87	10.12	59.93	
TOTAL		33.54	100		16.89	100	
Boron	0.37			0.27			
Iron	0.35			0.55			
Manganese	0.20			0.07			
Copper	0.03			0.04			
Zinc	0.06			0.03			
Aluminum	0.59			1.16			
Ammonium (NH4-N)	8.5			2.3			
ESP (calculated)	4.24			6.73			
SAR (calculated)	3.85			5.74			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0021			0022			
Description	REVERE GC			REVERE GC			
	CONCORD			CONCORD			
	FWAY 10			FWAY 15			
pH	8.1			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	1580			2199			
Chloride	318			372			
Nitrate (NO3-N)	5.8			1.4			
Bicarbonate	204.65			181.72			
Sulfur	256.51			509.04			
Phosphorus	0.67			0.87			
Calcium	209.26	10.44	37.76	472.96	23.60	45.44	
Magnesium	50.21	4.13	14.93	92.70	7.62	14.68	
Potassium	47.45	1.21	4.39	55.81	1.43	2.75	
Sodium	273.07	11.87	42.93	443.57	19.29	37.13	
TOTAL		27.66	100		51.94	100	
Boron	0.47			0.41			
Iron	0.58			0.22			
Manganese	0.11			0.17			
Copper	0.03			0.03			
Zinc	0.03			0.03			
Aluminum	1.16			0.40			
Ammonium (NH4-N)	3.7			2.0			
ESP (calculated)	4.97			5.61			
SAR (calculated)	4.40			4.88			

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Lab Number	0023			0024			
Description	REVERE GC			REVERE GC			
	CONCORD			CONCORD			
	GREEN 10			GREEN 15			
pH	8.1			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	541			645			
Chloride	71			95			
Nitrate (NO ₃ -N)	< 0.5			< 0.5			
Bicarbonate	85.02			92.91			
Sulfur	68.82			87.66			
Phosphorus	0.98			1.20			
Calcium	59.67	2.98	32.94	82.10	4.10	34.74	
Magnesium	15.29	1.26	13.91	21.21	1.74	14.79	
Potassium	19.29	0.49	5.46	26.01	0.67	5.64	
Sodium	99.12	4.31	47.69	121.56	5.29	44.82	
TOTAL		9.04	100		11.79	100	
Boron	0.12			0.11			
Iron	0.48			0.98			
Manganese	0.12			0.18			
Copper	0.02			0.02			
Zinc	0.08			0.07			
Aluminum	0.97			2.27			
Ammonium (NH ₄ -N)	< 0.5			2.8			
ESP (calculated)	3.01			3.20			
SAR (calculated)	2.96			3.09			

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Lab Number	0025
Description	REVERE GC LEXINGTON GREEN 15

pH	8.2
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	631					
Chloride	103					
Nitrate (NO3-N)	< 0.5					
Bicarbonate	95.65					
Sulfur	100.30					
Phosphorus	0.97					
Calcium	69.03	3.44	30.11			
Magnesium	18.68	1.54	13.43			
Potassium	20.45	0.52	4.57			
Sodium	136.51	5.94	51.89			
TOTAL		11.44	100			
Boron	0.13					
Iron	0.97					
Manganese	0.24					
Copper	0.02					
Zinc	0.07					
Aluminum	1.80					
Ammonium (NH4-N)	1.0					
ESP (calculated)	4.11					
SAR (calculated)	3.76					

* Soluble Salts: mmhos/cm = ppm / 640