

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Revere Golf Club
Henderson, NV

File Number: 72361
Date Received: 3/5/2018
Date Reported: 3/7/2018

Submitted By: Soil and Water Consulting

Lab Number	0130
Description	CONCORD COURSE GREEN 9

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	463					
Chloride	43					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	143.98					

Sulfur	47.97					
Phosphorus	1.14					
Calcium	37.70	1.88	26.90			
Magnesium	10.91	0.90	12.83			
Potassium	13.83	0.35	5.06			
Sodium	88.82	3.86	55.22			
TOTAL		6.99	100			

Boron	0.14					
Iron	0.72					
Manganese	0.17					
Copper	0.05					
Zinc	0.05					
Aluminum	1.38					
Ammonium (NH ₄ -N)	< 0.5					

ESP (calculated)	3.45					
SAR (calculated)	3.28					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0131			0132			
Description	LEXINGTON COURSE			LEXINGTON COURSE			
	TEE			FAIRWAY			
	9			9			
pH	7.9			7.8			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	966			2509			
Chloride	206			325			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	204.99			229.40			
Sulfur	58.45			412.13			
Phosphorus	2.88			1.50			
Calcium	55.06	2.75	18.42	407.89	20.35	43.91	
Magnesium	16.61	1.37	9.16	78.88	6.49	13.99	
Potassium	26.01	0.67	4.46	44.82	1.15	2.47	
Sodium	233.09	10.13	67.96	422.54	18.37	39.63	
TOTAL		14.91	100		46.36	100	
Boron	0.30			0.40			
Iron	0.52			0.13			
Manganese	0.12			0.49			
Copper	0.05			0.04			
Zinc	0.04			0.03			
Aluminum	0.89			0.24			
Ammonium (NH4-N)	< 0.5			< 0.5			
ESP (calculated)	8.39			5.78			
SAR (calculated)	7.07			5.01			

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	0133			0134			
Description	LEXINGTON COURSE GREEN 9			LEXINGTON COURSE GREEN 18			
pH	8.0			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	510			385			
Chloride	55			39			
Nitrate (NO ₃ -N)	< 0.5			< 0.5			
Bicarbonate	119.58			141.54			
Sulfur	57.24			27.86			
Phosphorus	0.61			0.69			
Calcium	49.22	2.46	30.32	30.90	1.54	26.29	
Magnesium	13.31	1.09	13.51	7.84	0.64	10.99	
Potassium	12.32	0.32	3.89	9.56	0.24	4.17	
Sodium	97.41	4.24	52.28	78.99	3.43	58.55	
TOTAL		8.10	100		5.87	100	
Boron	0.13			0.11			
Iron	0.83			0.47			
Manganese	0.22			0.10			
Copper	0.04			0.05			
Zinc	0.07			0.04			
Aluminum	1.68			0.65			
Ammonium (NH ₄ -N)	< 0.5			< 0.5			
ESP (calculated)	3.31			3.46			
SAR (calculated)	3.18			3.28			

* Soluble Salts: mmhos/cm = ppm / 640