

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Revere Golf Club
Henderson, NV

File Number: 72361
Date Received: 10/17/2017
Date Reported: 10/19/2017

Submitted By: Soil and Water Consulting

Lab Number	0023			0024			
Description	CONCORD COURSE			CONCORD COURSE			
	TEE			FAIRWAY			
	3			3			
pH	7.5			7.6			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	1261			1626			
Chloride	226			285			
Nitrate (NO ₃ -N)	1.1			< 0.5			
Bicarbonate	256.24			268.44			
Sulfur	113.08			186.03			
Phosphorus	8.27			3.57			
Calcium	111.11	5.54	28.06	152.70	7.62	28.24	
Magnesium	32.29	2.66	13.44	42.14	3.47	12.84	
Potassium	49.12	1.26	6.36	49.95	1.28	4.73	
Sodium	236.90	10.30	52.14	336.24	14.62	54.18	
TOTAL		19.76	100		26.98	100	
Boron	0.39			0.59			
Iron	0.49			0.23			
Manganese	0.22			0.33			
Copper	0.07			0.03			
Zinc	0.06			0.05			
Aluminum	0.71			0.29			
Ammonium (NH ₄ -N)	12.3			4.7			
ESP (calculated)	5.88			7.32			
SAR (calculated)	5.09			6.21			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0025
Description	CONCORD COURSE GREEN 3

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	977					
Chloride	99					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	195.23					

Sulfur	131.36					
Phosphorus	2.82					
Calcium	86.65	4.32	27.97			
Magnesium	25.70	2.11	13.67			
Potassium	48.86	1.25	8.08			
Sodium	178.76	7.77	50.28			
TOTAL		15.46	100			

Boron	0.17
Iron	0.28
Manganese	0.13
Copper	0.05
Zinc	0.03
Aluminum	0.44
Ammonium (NH ₄ -N)	13.7

ESP (calculated)	4.88
SAR (calculated)	4.33

* Soluble Salts: mmhos/cm = ppm / 640