

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Las Vegas Country Club
Joe W. Brown Street
Las Vegas, NV 89109

File Number: 51324
Date Received: 6/24/2019
Date Reported: 6/26/2019

Submitted By: Soil and Water Consulting

Lab Number	0139
Description	TEE
	15

pH	8.2
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	780					
Chloride	61					
Nitrate (NO ₃ -N)	1.0					
Bicarbonate	244.04					

Sulfur	96.59					
Phosphorus	2.42					
Calcium	136.61	6.82	41.09			
Magnesium	83.66	6.88	41.47			
Potassium	47.59	1.22	7.34			
Sodium	38.57	1.68	10.11			
TOTAL		16.59	100			

Boron	0.17					
Iron	0.05					
Manganese	0.16					
Copper	0.06					
Zinc	0.05					
Aluminum	0.47					
Ammonium (NH ₄ -N)	3.6					

ESP (calculated)	< .01
SAR (calculated)	0.64

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0140
Description	FAIRWAY
	15

pH	8.1
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1924					
Chloride	93					
Nitrate (NO ₃ -N)	19.9					
Bicarbonate	224.52					

Sulfur	473.62					
Phosphorus	1.36					
Calcium	481.73	24.04	51.72			
Magnesium	215.40	17.71	38.12			
Potassium	75.89	1.94	4.18			
Sodium	63.95	2.78	5.98			
TOTAL		46.47	100			

Boron	0.18
Iron	< 0.01
Manganese	0.07
Copper	0.07
Zinc	0.02
Aluminum	0.31
Ammonium (NH ₄ -N)	1.3

ESP (calculated)	< .01
SAR (calculated)	0.61

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	0141			0142			
Description	GREEN			GREEN			
	6			15			
pH	8.2			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	734			1840			
Chloride	56			112			
Nitrate (NO3-N)	0.5			< 0.5			
Bicarbonate	246.48			339.22			
Sulfur	109.76			423.60			
Phosphorus	2.80			1.93			
Calcium	104.48	5.21	40.58	317.68	15.85	44.32	
Magnesium	55.34	4.55	35.43	159.34	13.10	36.64	
Potassium	66.96	1.71	13.33	134.99	3.45	9.65	
Sodium	31.51	1.37	10.66	77.21	3.36	9.39	
TOTAL		12.85	100		35.76	100	
Boron	0.20			0.26			
Iron	0.16			0.01			
Manganese	0.17			0.38			
Copper	0.06			0.10			
Zinc	0.04			0.07			
Aluminum	0.50			0.35			
Ammonium (NH4-N)	3.0			11.8			
ESP (calculated)	< .01			0.04			
SAR (calculated)	0.62			0.88			

* Soluble Salts: mmhos/cm = ppm / 640