

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 51324
Date Received: 4/19/2024
Date Reported: 4/23/2024

Submitted By: Soil and Water Consulting

Lab Number	0009
Description	TEE
	18

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	752					
Chloride	76					
Nitrate (NO3-N)	< 0.5					
Bicarbonate	236.54					
Sulfur	107.77					
Phosphorus	1.52					
Calcium	114.00	5.69	41.12			
Magnesium	59.38	4.88	35.30			
Potassium	41.50	1.06	7.67			
Sodium	50.60	2.20	15.90			
TOTAL		13.83	100			
Boron	0.06					
Iron	0.40					
Manganese	0.08					
Copper	0.09					
Zinc	0.05					
Aluminum	0.56					
Ammonium (NH4-N)	15.7					
ESP (calculated)	0.15					
SAR (calculated)	0.96					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0010
Description	FAIRWAY
	18

pH	7.9
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	2293					
Chloride	96					
Nitrate (NO ₃ -N)	54.0					
Bicarbonate	215.55					

Sulfur	609.50					
Phosphorus	1.94					
Calcium	465.22	23.21	53.87			
Magnesium	178.55	14.68	34.07			
Potassium	114.31	2.92	6.78			
Sodium	52.22	2.27	5.27			
TOTAL		43.09	100			

Boron	0.15
Iron	0.20
Manganese	0.06
Copper	0.07
Zinc	0.05
Aluminum	0.30
Ammonium (NH ₄ -N)	97.2

ESP (calculated)	< .01
SAR (calculated)	0.52

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0011			0012		
Description	GREEN			GREEN		
	9			18		
pH	8.1			8.1		
	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1267			810		
Chloride	58			24		
Nitrate (NO3-N)	< 0.5			7.9		
Bicarbonate	183.39			153.11		
Sulfur	337.79			136.80		
Phosphorus	1.19			2.86		
Calcium	305.68	15.25	55.03	67.76	3.38	39.24
Magnesium	101.68	8.36	30.16	28.90	2.38	27.59
Potassium	76.71	1.96	7.08	48.26	1.23	14.33
Sodium	49.27	2.14	7.73	37.33	1.62	18.84
TOTAL		27.72	100		8.62	100
Boron	0.34			0.29		
Iron	0.23			0.63		
Manganese	0.07			0.07		
Copper	0.11			0.10		
Zinc	0.05			0.03		
Aluminum	0.24			0.65		
Ammonium (NH4-N)	7.6			64.4		
ESP (calculated)	< .01			0.15		
SAR (calculated)	0.62			0.96		

* Soluble Salts: mmhos/cm = ppm / 640