

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 51324
Date Received: 7/31/2020
Date Reported: 8/4/2020

Submitted By: Soil and Water Consulting

Lab Number	0006
Description	TEE
	13

pH	7.7
----	-----

	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	909					
Chloride	68					
Nitrate (NO ₃ -N)	90.5					
Bicarbonate	82.41					

Sulfur	126.01					
Phosphorus	1.20					
Calcium	136.46	6.81	42.90			
Magnesium	72.58	5.97	37.60			
Potassium	36.15	0.92	5.83			
Sodium	49.90	2.17	13.67			
TOTAL		15.87	100			

Boron	0.13
Iron	0.78
Manganese	0.03
Copper	0.04
Zinc	0.01
Aluminum	1.13
Ammonium (NH ₄ -N)	11.8

ESP (calculated)	< .01
SAR (calculated)	0.86

* Soluble Salts: mmhos/cm = ppm / 640

BROOKSIDE LABORATORIES, INC.
SATURATED SOIL ANALYSIS

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

File Number: 51324
Date Received: 7/31/2020
Date Reported: 8/4/2020

Submitted By: Soil and Water Consulting

Lab Number	0007
Description	FAIRWAY
	13

pH	7.7
----	-----

	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	2995					
Chloride	221					
Nitrate (NO3-N)	155.7					
Bicarbonate	82.96					
Sulfur	656.73					
Phosphorus	0.92					
Calcium	605.89	30.23	51.17			
Magnesium	259.60	21.35	36.13			
Potassium	102.57	2.62	4.44			
Sodium	112.32	4.88	8.26			
TOTAL		59.09	100			
Boron	0.22					
Iron	0.12					
Manganese	0.01					
Copper	0.04					
Zinc	< 0.01					
Aluminum	0.18					
Ammonium (NH4-N)	1.1					
ESP (calculated)	0.16					
SAR (calculated)	0.96					

* Soluble Salts: mmhos/cm = ppm / 640

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 51324
Date Received: 7/31/2020
Date Reported: 8/4/2020

Submitted By: Soil and Water Consulting

Lab Number	0008			0009			
Description	GREEN			GREEN			
	4			13			
pH	8.1			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	1326			2125			
Chloride	87			120			
Nitrate (NO3-N)	12.7			9.5			
Bicarbonate	118.02			138.37			
Sulfur	273.58			577.42			
Phosphorus	1.15			1.63			
Calcium	255.79	12.76	46.78	423.15	21.12	47.74	
Magnesium	122.47	10.07	36.91	201.23	16.55	37.42	
Potassium	71.26	1.82	6.68	116.60	2.98	6.74	
Sodium	60.38	2.63	9.62	82.38	3.58	8.10	
TOTAL		27.28	100		44.23	100	
Boron	0.28			0.31			
Iron	0.40			0.41			
Manganese	0.06			0.08			
Copper	0.07			0.11			
Zinc	< 0.01			< 0.01			
Aluminum	0.56			0.63			
Ammonium (NH4-N)	4.2			44.4			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.78			0.83			

* Soluble Salts: mmhos/cm = ppm / 640