

BROOKSIDE LABORATORIES, INC.
SATURATED SOIL ANALYSIS

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

File Number: 51324
Date Received: 9/27/2021
Date Reported: 9/29/2021

Submitted By: Soil and Water Consulting

Lab Number	0042
Description	TEE
	2

pH	8.2
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1487					
Chloride	23					
Nitrate (NO3-N)	29.9					
Bicarbonate	155.40					
Sulfur	506.32					
Phosphorus	0.47					
Calcium	406.15	20.27	55.24			
Magnesium	143.33	11.79	32.13			
Potassium	54.37	1.39	3.79			
Sodium	74.62	3.24	8.84			
TOTAL		36.69	100			

Boron	0.10
Iron	0.26
Manganese	0.08
Copper	< 0.01
Zinc	0.02
Aluminum	0.37
Ammonium (NH4-N)	49.1

ESP (calculated)	< .01
SAR (calculated)	0.81

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0043
Description	FAIRWAY
	2

pH	8.1
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1950					
Chloride	160					
Nitrate (NO ₃ -N)	46.2					
Bicarbonate	166.07					
Sulfur	614.54					
Phosphorus	0.60					
Calcium	464.59	23.18	44.06			
Magnesium	261.40	21.50	40.86			
Potassium	87.16	2.23	4.24			
Sodium	131.27	5.71	10.85			
TOTAL		52.62	100			
Boron	0.20					
Iron	0.19					
Manganese	0.05					
Copper	0.05					
Zinc	0.02					
Aluminum	0.23					
Ammonium (NH ₄ -N)	3.6					
ESP (calculated)	0.52					
SAR (calculated)	1.21					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0044			0045			
Description	GREEN			GREEN			
	2			11			
pH	8.4			8.3			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	838			1677			
Chloride	55			100			
Nitrate (NO3-N)	16.9			10.1			
Bicarbonate	144.56			238.47			
Sulfur	168.75			486.43			
Phosphorus	1.27			0.99			
Calcium	116.62	5.82	38.09	337.64	16.85	46.06	
Magnesium	64.67	5.32	34.81	150.54	12.38	33.84	
Potassium	78.73	2.01	13.18	170.92	4.37	11.95	
Sodium	48.93	2.13	13.92	68.61	2.98	8.15	
TOTAL		15.28	100		36.58	100	
Boron	0.17			0.25			
Iron	0.25			0.26			
Manganese	0.07			0.18			
Copper	0.03			0.07			
Zinc	0.02			0.02			
Aluminum	0.24			0.20			
Ammonium (NH4-N)	29.3			94.2			
ESP (calculated)	0.07			< .01			
SAR (calculated)	0.90			0.78			

* Soluble Salts: mmhos/cm = ppm / 640