

BROOKSIDE LABORATORIES, INC.
SATURATED SOIL ANALYSIS

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

File Number: 51324
Date Received: 6/23/2023
Date Reported: 6/27/2023

Submitted By: Soil and Water Consulting

Lab Number	0019
Description	TEE
	13

pH	7.9
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	233					
Chloride	20					
Nitrate (NO3-N)	3.1					
Bicarbonate	88.24					
Sulfur	13.37					
Phosphorus	2.49					
Calcium	27.13	1.35	34.17			
Magnesium	14.84	1.22	30.80			
Potassium	5.71	0.15	3.69			
Sodium	28.56	1.24	31.34			
TOTAL		3.96	100			
Boron	0.12					
Iron	1.02					
Manganese	0.05					
Copper	0.03					
Zinc	< 0.01					
Aluminum	1.65					
Ammonium (NH4-N)	< 0.5					
ESP (calculated)	0.35					
SAR (calculated)	1.09					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0020
Description	FAIRWAY
	13

pH	7.8
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	2463					
Chloride	252					
Nitrate (NO ₃ -N)	131.0					
Bicarbonate	115.50					
Sulfur	627.83					
Phosphorus	2.19					
Calcium	594.46	29.66	52.20			
Magnesium	234.84	19.31	33.99			
Potassium	80.72	2.06	3.63			
Sodium	133.05	5.78	10.18			
TOTAL		56.83	100			
Boron	0.20					
Iron	0.16					
Manganese	0.03					
Copper	0.04					
Zinc	< 0.01					
Aluminum	0.23					
Ammonium (NH ₄ -N)	1.3					
ESP (calculated)	0.46					
SAR (calculated)	1.17					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0021			0022		
Description	GREEN			GREEN		
	4			13		
pH	8.1			8.1		
	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	2339			1809		
Chloride	80			62		
Nitrate (NO3-N)	< 0.5			15.9		
Bicarbonate	139.97			114.12		
Sulfur	776.64			623.77		
Phosphorus	1.51			1.30		
Calcium	535.37	26.72	52.76	468.21	23.36	54.53
Magnesium	199.12	16.37	32.34	156.71	12.89	30.08
Potassium	158.66	4.06	8.01	145.42	3.72	8.68
Sodium	80.19	3.49	6.89	66.08	2.87	6.71
TOTAL		50.63	100		42.84	100
Boron	0.32			0.31		
Iron	0.18			0.23		
Manganese	0.10			0.07		
Copper	0.08			0.06		
Zinc	< 0.01			< 0.01		
Aluminum	0.34			0.44		
Ammonium (NH4-N)	21.9			2.1		
ESP (calculated)	< .01			< .01		
SAR (calculated)	0.75			0.67		

* Soluble Salts: mmhos/cm = ppm / 640