

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 51324
Date Received: 3/20/2023
Date Reported: 3/22/2023

Submitted By: Soil and Water Consulting

Lab Number	0013
Description	TEE
	10

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	432					
Chloride	26					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	159.75					

Sulfur	64.45					
Phosphorus	1.36					
Calcium	69.74	3.48	44.22			
Magnesium	36.31	2.99	37.95			
Potassium	10.87	0.28	3.53			
Sodium	25.87	1.12	14.30			
TOTAL		7.87	100			

Boron	0.10					
Iron	0.26					
Manganese	0.15					
Copper	0.04					
Zinc	0.02					
Aluminum	0.42					
Ammonium (NH ₄ -N)	< 0.5					

ESP (calculated)	< .01
SAR (calculated)	0.63

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0014
Description	FAIRWAY
	10

pH	8.1
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1626					
Chloride	33					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	220.49					
Sulfur	614.88					
Phosphorus	1.07					
Calcium	517.22	25.81	59.17			
Magnesium	181.16	14.90	34.16			
Potassium	42.49	1.09	2.49			
Sodium	41.92	1.82	4.18			
TOTAL		43.62	100			
Boron	0.18					
Iron	0.16					
Manganese	0.41					
Copper	0.08					
Zinc	0.04					
Aluminum	0.20					
Ammonium (NH ₄ -N)	3.2					
ESP (calculated)	< .01					
SAR (calculated)	0.40					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0015			0016		
Description	GREEN			GREEN		
	1			10		
pH	8.2			8.2		
	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1977			2371		
Chloride	95			157		
Nitrate (NO3-N)	< 0.5			< 0.5		
Bicarbonate	153.99			196.08		
Sulfur	699.51			898.43		
Phosphorus	0.92			1.32		
Calcium	460.21	22.96	46.21	495.71	24.74	37.00
Magnesium	229.77	18.90	38.03	356.65	29.33	43.87
Potassium	147.13	3.76	7.57	231.73	5.93	8.86
Sodium	93.60	4.07	8.19	158.00	6.87	10.27
TOTAL		49.69	100		66.86	100
Boron	0.27			0.41		
Iron	0.18			0.22		
Manganese	0.12			0.38		
Copper	0.08			0.13		
Zinc	0.02			0.04		
Aluminum	0.23			0.23		
Ammonium (NH4-N)	1.1			1.2		
ESP (calculated)	0.05			0.68		
SAR (calculated)	0.89			1.32		

* Soluble Salts: mmhos/cm = ppm / 640