

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 51324
Date Received: 3/9/2020
Date Reported: 3/11/2020

Submitted By: Soil and Water Consulting

Lab Number	0186
Description	TEE
	10

pH	8.2
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	558					
Chloride	29					
Nitrate (NO3-N)	< 0.5					
Bicarbonate	194.47					

Sulfur	90.50					
Phosphorus	1.60					
Calcium	98.99	4.94	43.99			
Magnesium	55.09	4.53	40.34			
Potassium	16.87	0.43	3.84			
Sodium	30.55	1.33	11.83			
TOTAL		11.23	100			

Boron	0.12
Iron	0.43
Manganese	0.17
Copper	0.03
Zinc	0.03
Aluminum	0.41
Ammonium (NH4-N)	0.6

ESP (calculated)	< .01
SAR (calculated)	0.61

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0187
Description	FAIRWAY
	10

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	822					
Chloride	18					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	99.60					

Sulfur	243.17					
Phosphorus	0.16					
Calcium	208.30	10.39	56.22			
Magnesium	81.01	6.66	36.03			
Potassium	18.98	0.49	2.62			
Sodium	21.77	0.95	5.12			
TOTAL		18.49	100			

Boron	0.09
Iron	0.11
Manganese	0.18
Copper	0.01
Zinc	< 0.01
Aluminum	0.07
Ammonium (NH ₄ -N)	1.1

ESP (calculated)	< .01
SAR (calculated)	0.32

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0188			0189			
Description	GREEN			GREEN			
	1			10			
pH	8.2			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	845			1702			
Chloride	32			85			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	131.82			142.00			
Sulfur	226.44			531.49			
Phosphorus	0.86			0.94			
Calcium	195.30	9.75	52.03	415.64	20.74	48.33	
Magnesium	81.65	6.71	35.85	204.24	16.80	39.14	
Potassium	30.69	0.79	4.19	73.36	1.88	4.37	
Sodium	34.20	1.49	7.94	80.56	3.50	8.16	
TOTAL		18.73	100		42.92	100	
Boron	0.19			0.33			
Iron	0.30			0.20			
Manganese	0.08			0.15			
Copper	0.02			0.06			
Zinc	< 0.01			< 0.01			
Aluminum	0.27			0.12			
Ammonium (NH4-N)	0.6			< 0.5			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.52			0.81			

* Soluble Salts: mmhos/cm = ppm / 640