

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Canyon Gate Country Club
2001 Canyon Gate Drive
Las Vegas, NV 89117

File Number: 46715
Date Received: 10/23/2020
Date Reported: 10/27/2020

Submitted By: Soil and Water Consulting

Lab Number	0135
Description	TEE
	8

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	723					
Chloride	65					
Nitrate (NO3-N)	70.5					
Bicarbonate	89.09					

Sulfur	39.62					
Phosphorus	3.63					
Calcium	109.60	5.47	44.89			
Magnesium	50.85	4.18	34.32			
Potassium	21.16	0.54	4.44			
Sodium	45.80	1.99	16.35			
TOTAL		12.18	100			

Boron	0.14					
Iron	0.69					
Manganese	0.15					
Copper	0.03					
Zinc	0.04					
Aluminum	1.17					
Ammonium (NH4-N)	1.2					

ESP (calculated)	0.08					
SAR (calculated)	0.91					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0136
Description	FAIRWAY
	8

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	980					
Chloride	57					
Nitrate (NO ₃ -N)	105.1					
Bicarbonate	103.06					

Sulfur	69.15					
Phosphorus	3.46					
Calcium	150.75	7.52	49.05			
Magnesium	59.19	4.87	31.74			
Potassium	52.51	1.34	8.76			
Sodium	36.84	1.60	10.45			
TOTAL		15.34	100			

Boron	0.24
Iron	0.76
Manganese	0.03
Copper	0.04
Zinc	0.03
Aluminum	1.34
Ammonium (NH ₄ -N)	8.9

ESP (calculated)	< .01
SAR (calculated)	0.64

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0137			0138			
Description	GREEN			GREEN			
	8			17			
pH	8.2			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	374			493			
Chloride	26			27			
Nitrate (NO3-N)	< 0.5			0.8			
Bicarbonate	89.88			83.92			
Sulfur	54.33			87.94			
Phosphorus	2.66			1.61			
Calcium	60.70	3.03	45.48	65.27	3.26	42.65	
Magnesium	23.99	1.97	29.62	30.70	2.52	33.06	
Potassium	26.06	0.67	10.01	28.90	0.74	9.68	
Sodium	22.82	0.99	14.90	25.66	1.12	14.61	
TOTAL		6.66	100		7.64	100	
Boron	0.07			0.06			
Iron	0.83			0.94			
Manganese	0.06			0.03			
Copper	0.07			0.06			
Zinc	0.01			< 0.01			
Aluminum	1.05			1.23			
Ammonium (NH4-N)	7.8			16.3			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.63			0.66			

* Soluble Salts: mmhos/cm = ppm / 640