

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 46715
Date Received: 12/18/2018
Date Reported: 12/20/2018

Submitted By: Soil and Water Consulting

Lab Number	0001			0002			
Description	GREEN 1 0-2"			GREEN 1 BELOW 2"			
pH	8.2			8.3			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	354			249			
Chloride	64			52			
Nitrate (NO3-N)	8.7			2.4			
Bicarbonate	97.62			65.89			
Sulfur	35.05			20.38			
Phosphorus	4.05			1.79			
Calcium	24.89	1.24	19.65	14.04	0.70	16.41	
Magnesium	7.20	0.59	9.37	4.64	0.38	8.94	
Potassium	37.67	0.96	15.24	18.12	0.46	10.85	
Sodium	81.06	3.52	55.74	62.64	2.72	63.80	
TOTAL		6.32	100		4.27	100	
Boron	0.17			0.09			
Iron	1.24			3.00			
Manganese	0.04			0.11			
Copper	0.06			0.03			
Zinc	0.04			0.02			
Aluminum	1.82			4.40			
Ammonium (NH4-N)	< 0.5			< 0.5			
ESP (calculated)	4.00			4.03			
SAR (calculated)	3.68			3.70			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0003			0004			
Description	GREEN 16 0-2"			GREEN 16 BELOW 2"			
pH	8.3			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	448			418			
Chloride	100			95			
Nitrate (NO3-N)	< 0.5			1.0			
Bicarbonate	95.18			68.33			
Sulfur	39.88			46.46			
Phosphorus	4.52			2.14			
Calcium	21.43	1.07	14.53	29.14	1.45	20.43	
Magnesium	8.02	0.66	8.96	12.04	0.99	13.91	
Potassium	45.67	1.17	15.87	28.26	0.72	10.15	
Sodium	102.66	4.46	60.64	90.89	3.95	55.51	
TOTAL		7.36	100		7.12	100	
Boron	0.15			0.08			
Iron	1.62			2.69			
Manganese	0.11			0.04			
Copper	0.06			0.03			
Zinc	0.03			0.02			
Aluminum	2.33			3.85			
Ammonium (NH4-N)	0.7			< 0.5			
ESP (calculated)	5.50			3.86			
SAR (calculated)	4.80			3.57			

* Soluble Salts: mmhos/cm = ppm / 640