

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 51324
Date Received: 3/27/2017
Date Reported: 3/29/2017

Submitted By: Soil and Water Consulting

Lab Number	0087			0088		
Description	TEE			TEE		
	1			10		
pH	8.2			8.2		
	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	746			1312		
Chloride	55			50		
Nitrate (NO3-N)	< 0.5			< 0.5		
Bicarbonate	388.02			278.21		
Sulfur	83.71			321.40		
Phosphorus	2.91			2.11		
Calcium	122.26	6.10	41.46	288.57	14.40	51.65
Magnesium	69.85	5.74	39.03	124.40	10.23	36.70
Potassium	32.46	0.83	5.64	35.57	0.91	3.26
Sodium	46.94	2.04	13.87	53.79	2.34	8.39
TOTAL		14.72	100		27.88	100
Boron	0.19			0.13		
Iron	0.06			0.03		
Manganese	0.32			0.31		
Copper	0.09			0.06		
Zinc	0.04			0.03		
Aluminum	< 0.01			0.14		
Ammonium (NH4-N)	1.2			1.3		
ESP (calculated)	< .01			< .01		
SAR (calculated)	0.84			0.67		

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0089			0090		
Description	FAIRWAY			FAIRWAY		
	1			10		
pH	8.1			8.1		
	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	2310			2080		
Chloride	100			68		
Nitrate (NO3-N)	10.9			17.2		
Bicarbonate	280.65			285.53		
Sulfur	645.36			586.74		
Phosphorus	1.04			1.89		
Calcium	545.26	27.21	51.98	569.41	28.41	58.73
Magnesium	234.29	19.27	36.81	192.06	15.79	32.65
Potassium	87.29	2.23	4.26	76.87	1.97	4.06
Sodium	83.65	3.64	6.95	50.78	2.21	4.56
TOTAL		52.35	100		48.38	100
Boron	0.26			0.20		
Iron	< 0.01			0.02		
Manganese	0.10			0.15		
Copper	0.07			0.08		
Zinc	0.02			0.02		
Aluminum	0.09			< 0.01		
Ammonium (NH4-N)	3.0			3.5		
ESP (calculated)	< .01			< .01		
SAR (calculated)	0.75			0.47		

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0091			0092			
Description	GREEN			GREEN			
	1			10			
pH	8.2			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	403			360			
Chloride	18			18			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	173.27			175.71			
Sulfur	58.54			49.54			
Phosphorus	3.23			3.84			
Calcium	68.41	3.41	44.36	62.06	3.10	43.40	
Magnesium	33.47	2.75	35.77	33.00	2.71	38.04	
Potassium	25.37	0.65	8.43	13.30	0.34	4.77	
Sodium	20.25	0.88	11.44	22.63	0.98	13.79	
TOTAL		7.70	100		7.13	100	
Boron	0.22			0.21			
Iron	0.13			0.10			
Manganese	0.04			0.03			
Copper	0.06			0.06			
Zinc	< 0.01			< 0.01			
Aluminum	0.35			0.38			
Ammonium (NH4-N)	0.7			< 0.5			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.50			0.58			

* Soluble Salts: mmhos/cm = ppm / 640