

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 51324
 Date Received: 9/25/2017
 Date Reported: 9/27/2017

Submitted By: Soil and Water Consulting

Lab Number	0246			0247			
Description	TEE			TEE			
	8			17			
pH	7.9			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	719			638			
Chloride	25			23			
Nitrate (NO3-N)	19.2			7.8			
Bicarbonate	187.91			158.63			
Sulfur	90.79			103.45			
Phosphorus	4.19			2.72			
Calcium	102.05	5.09	48.20	103.74	5.18	48.13	
Magnesium	40.07	3.30	31.19	40.97	3.37	31.32	
Potassium	51.32	1.31	12.42	44.85	1.15	10.67	
Sodium	19.92	0.87	8.20	24.43	1.06	9.88	
TOTAL		10.57	100		10.75	100	
Boron	0.18			0.26			
Iron	0.23			0.16			
Manganese	0.11			0.06			
Copper	0.06			0.05			
Zinc	0.03			0.02			
Aluminum	0.34			0.24			
Ammonium (NH4-N)	24.2			3.9			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.42			0.51			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0248			0249			
Description	FAIRWAY			FAIRWAY			
	8			17			
pH	8.1			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	920			949			
Chloride	44			52			
Nitrate (NO3-N)	19.9			0.8			
Bicarbonate	214.76			244.04			
Sulfur	151.69			172.42			
Phosphorus	0.94			0.45			
Calcium	159.19	7.94	45.87	173.19	8.64	46.48	
Magnesium	80.94	6.66	38.43	84.16	6.92	37.22	
Potassium	35.14	0.90	5.19	33.75	0.86	4.64	
Sodium	41.84	1.82	10.51	49.85	2.17	11.66	
TOTAL		17.32	100		18.59	100	
Boron	0.18			0.13			
Iron	0.36			0.47			
Manganese	0.05			0.39			
Copper	0.06			0.02			
Zinc	0.03			0.02			
Aluminum	0.66			0.73			
Ammonium (NH4-N)	2.7			7.2			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.67			0.78			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0250			0251			
Description	GREEN			GREEN			
	8			17			
pH	8.2			7.9			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	593			417			
Chloride	45			21			
Nitrate (NO3-N)	16.6			3.4			
Bicarbonate	195.23			202.55			
Sulfur	67.16			38.81			
Phosphorus	1.60			2.11			
Calcium	97.03	4.84	43.65	68.27	3.41	43.71	
Magnesium	51.74	4.26	38.36	34.52	2.84	36.42	
Potassium	19.04	0.49	4.39	16.80	0.43	5.51	
Sodium	34.68	1.51	13.59	25.74	1.12	14.36	
TOTAL		11.09	100		7.79	100	
Boron	0.13			0.15			
Iron	0.44			0.70			
Manganese	0.07			0.07			
Copper	0.06			0.05			
Zinc	0.03			0.02			
Aluminum	0.61			0.93			
Ammonium (NH4-N)	1.8			0.6			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.71			0.63			

* Soluble Salts: mmhos/cm = ppm / 640