

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 51324
 Date Received: 9/29/2016
 Date Reported: 9/30/2016

Submitted By: Soil and Water Consulting

Lab Number	0050			0051			
Description	FAIRWAY			FAIRWAY			
	7			16			
pH	7.5			7.7			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	956			2048			
Chloride	35			59			
Nitrate (NO3-N)	0.6			30.9			
Bicarbonate	173.27			212.31			
Sulfur	205.46			517.20			
Phosphorus	0.85			2.74			
Calcium	188.93	9.43	51.67	503.33	25.12	57.21	
Magnesium	77.38	6.36	34.88	177.55	14.60	33.26	
Potassium	21.87	0.56	3.07	52.42	1.34	3.05	
Sodium	43.61	1.90	10.39	65.33	2.84	6.47	
TOTAL		18.25	100		43.90	100	
Boron	0.11			0.20			
Iron	0.57			0.39			
Manganese	0.08			0.14			
Copper	0.05			0.09			
Zinc	0.02			0.07			
Aluminum	0.94			0.51			
Ammonium (NH4-N)	0.8			2.4			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.67			0.64			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0052			0053			
Description	GREEN			GREEN			
	7			16			
pH	8.0			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	298			592			
Chloride	12			18			
Nitrate (NO3-N)	0.9			< 0.5			
Bicarbonate	131.78			153.75			
Sulfur	44.58			111.39			
Phosphorus	3.11			1.99			
Calcium	49.98	2.49	44.87	92.07	4.59	43.51	
Magnesium	22.26	1.83	32.93	46.32	3.81	36.08	
Potassium	25.79	0.66	11.86	46.78	1.20	11.33	
Sodium	13.21	0.57	10.34	22.07	0.96	9.09	
TOTAL		5.56	100		10.56	100	
Boron	0.14			0.18			
Iron	0.24			0.06			
Manganese	0.08			0.05			
Copper	0.07			0.06			
Zinc	0.04			0.02			
Aluminum	0.51			0.21			
Ammonium (NH4-N)	1.5			1.7			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.39			0.47			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0054			0055			
Description	TEE			TEE			
	7			16			
pH	8.2			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	513			394			
Chloride	25			22			
Nitrate (NO3-N)	< 0.5			1.1			
Bicarbonate	239.16			229.40			
Sulfur	61.93			30.91			
Phosphorus	0.76			2.29			
Calcium	81.43	4.06	45.38	58.30	2.91	43.16	
Magnesium	38.98	3.21	35.80	30.57	2.51	37.29	
Potassium	19.15	0.49	5.47	15.36	0.39	5.83	
Sodium	27.50	1.20	13.35	21.27	0.92	13.72	
TOTAL		8.95	100		6.74	100	
Boron	0.11			0.09			
Iron	0.10			0.16			
Manganese	0.32			0.03			
Copper	0.04			0.07			
Zinc	0.05			0.04			
Aluminum	0.23			0.34			
Ammonium (NH4-N)	1.2			1.6			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.63			0.56			

* Soluble Salts: mmhos/cm = ppm / 640