BROOKSIDE LABORATORIES, INC.
SATURATED SOIL ANALYSIS

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

File Number: 51324
Date Received: 6/25/2018
Date Reported: 6/27/2018

Submitted By: Soil and Water Consulting

Lab Number	0014					
Description	TEE 3					
pH	8.1					
	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	445					
Chloride	36					
Nitrate (NO3-N)	4.6					
Bicarbonate	173.27					
Sulfur	60.93					
Phosphorus	0.60					
Calcium	77.88	3.89	44.73			
Magnesium	38.35	3.15	36.30			
Potassium	12.38	0.32	3.64			
Sodium	30.64	1.33	15.33			
TOTAL		8.69	100			
Boron	0.12					
Iron	0.65					
Manganese	0.02					
Copper	0.04					
Zinc	0.02					
Aluminum	0.88					
Ammonium (NH4-N)	0.5					
ESP (calculated)	< .01					
SAR (calculated)	0.71					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0015					
Description	FAIRWAY 3					
pH	8.0					
	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1830					
Chloride	75					
Nitrate (NO3-N)	5.3					
Bicarbonate	163.51					
Sulfur	523.29					
Phosphorus	0.36					
Calcium	489.28	24.42	56.50			
Magnesium	180.44	14.84	34.34			
Potassium	47.23	1.21	2.80			
Sodium	63.26	2.75	6.37			
TOTAL		43.21	100			
Boron	0.14					
Iron	0.25					
Manganese	0.03					
Copper	0.04					
Zinc	0.01					
Aluminum	0.42					
Ammonium (NH4-N)	8.4					
ESP (calculated)	< .01					
SAR (calculated)	0.62					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0016			0017		
Description	GREEN 3			GREEN 12		
pH	8.2			8.2		
	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1193			1677		
Chloride	63			93		
Nitrate (NO3-N)	< 0.5			< 0.5		
Bicarbonate	224.52			231.84		
Sulfur	281.68			434.06		
Phosphorus	1.20			1.29		
Calcium	252.42	12.60	49.25	364.92	18.21	48.49
Magnesium	102.25	8.41	32.88	152.10	12.51	33.31
Potassium	92.90	2.38	9.29	130.83	3.35	8.91
Sodium	50.51	2.20	8.59	80.18	3.49	9.28
TOTAL		25.58	100		37.55	100
Boron	0.22			0.23		
Iron	0.26			0.13		
Manganese	0.16			0.27		
Copper	0.07			0.07		
Zinc	0.01			0.01		
Aluminum	0.43			0.11		
Ammonium (NH4-N)	3.6			5.5		
ESP (calculated)	< .01			0.05		
SAR (calculated)	0.68			0.89		

* Soluble Salts: mmhos/cm = ppm / 640