BROOKSIDE LABORATORIES, INC.
SATURATED SOIL ANALYSIS

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

File Number: 51324
Date Received: 3/31/2021
Date Reported: 4/1/2021

Submitted By: Soil and Water Consulting

Lab Number	0055					
Description	TEE					
	5					
pH	8.0					
	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	552					
Chloride	59					
Nitrate (NO3-N)	8.4					
Bicarbonate	172.93					
Sulfur	70.75					
Phosphorus	1.78					
Calcium	88.78	4.43	41.83			
Magnesium	48.18	3.96	37.41			
Potassium	24.01	0.61	5.80			
Sodium	36.42	1.58	14.95			
TOTAL		10.59	100			
Boron	0.09					
Iron	0.52					
Manganese	0.05					
Copper	0.04					
Zinc	0.03					
Aluminum	0.65					
Ammonium (NH4-N)	10.3					
ESP (calculated)	< .01					
SAR (calculated)	0.77					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0056
Description	FAIRWAY 5
pH	8.0

	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1781					
Chloride	86					
Nitrate (NO3-N)	42.8					
Bicarbonate	177.49					
Sulfur	519.42					
Phosphorus	1.11					
Calcium	457.70	22.84	51.19			
Magnesium	206.78	17.00	38.11			
Potassium	72.37	1.85	4.15			
Sodium	67.26	2.92	6.55			
TOTAL		44.62	100			
Boron	0.18					
Iron	0.23					
Manganese	0.10					
Copper	0.04					
Zinc	0.03					
Aluminum	0.23					
Ammonium (NH4-N)	51.5					
ESP (calculated)	< .01					
SAR (calculated)	0.66					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0057			0058		
Description	GREEN 5			GREEN 14		
pH	8.1			8.2		
	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	668			1222		
Chloride	32			40		
Nitrate (NO3-N)	0.8			< 0.5		
Bicarbonate	113.50			131.00		
Sulfur	161.71			389.78		
Phosphorus	1.52			1.02		
Calcium	133.68	6.67	47.97	357.24	17.83	58.94
Magnesium	59.30	4.88	35.07	111.04	9.13	30.19
Potassium	36.77	0.94	6.76	60.55	1.55	5.12
Sodium	32.65	1.42	10.21	39.98	1.74	5.75
TOTAL		13.91	100		30.25	100
Boron	0.20			0.22		
Iron	0.49			0.18		
Manganese	0.15			0.16		
Copper	0.04			0.03		
Zinc	0.03			0.02		
Aluminum	0.52			0.25		
Ammonium (NH4-N)	7.2			19.3		
ESP (calculated)	< .01			< .01		
SAR (calculated)	0.59			0.47		

* Soluble Salts: mmhos/cm = ppm / 640