

BROOKSIDE LABORATORIES, INC.
SATURATED SOIL ANALYSIS

The Summit
Las Vegas, NV

File Number: 73668
Date Received: 10/7/2024
Date Reported: 10/8/2024

Submitted By: Soil and Water Consulting

Lab Number	0056
Description	TEE
	11

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	444					
Chloride	57					
Nitrate (NO ₃ -N)	3.3					
Bicarbonate	106.10					

Sulfur	59.01					
Phosphorus	3.88					
Calcium	60.34	3.01	38.29			
Magnesium	20.53	1.69	21.48			
Potassium	32.00	0.82	10.41			
Sodium	53.94	2.35	29.82			
TOTAL		7.86	100			

Boron	0.18
Iron	6.50
Manganese	0.05
Copper	0.04
Zinc	0.02
Aluminum	9.69
Ammonium (NH ₄ -N)	< 0.5

ESP (calculated)	0.99
SAR (calculated)	1.53

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0057
Description	FAIRWAY
	11

pH	7.9
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1039					
Chloride	91					
Nitrate (NO ₃ -N)	61.5					
Bicarbonate	182.96					
Sulfur	118.30					
Phosphorus	5.44					
Calcium	93.44	4.66	34.82			
Magnesium	29.96	2.46	18.40			
Potassium	87.20	2.23	16.65			
Sodium	92.82	4.04	30.13			
TOTAL		13.39	100			
Boron	0.15					
Iron	6.64					
Manganese	0.08					
Copper	0.06					
Zinc	0.03					
Aluminum	12.79					
Ammonium (NH ₄ -N)	78.3					
ESP (calculated)	1.86					
SAR (calculated)	2.14					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0058			0059			
Description	GREEN			GREEN			
	2			11			
pH	8.1			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	412			431			
Chloride	48			55			
Nitrate (NO ₃ -N)	1.2			8.0			
Bicarbonate	124.37			110.73			
Sulfur	48.05			43.64			
Phosphorus	1.75			2.15			
Calcium	47.68	2.38	33.96	48.37	2.41	34.50	
Magnesium	13.80	1.13	16.19	13.14	1.08	15.45	
Potassium	23.70	0.61	8.65	20.37	0.52	7.45	
Sodium	66.39	2.89	41.20	68.57	2.98	42.61	
TOTAL		7.01	100		7.00	100	
Boron	0.21			0.18			
Iron	3.45			2.08			
Manganese	0.16			0.18			
Copper	0.05			0.07			
Zinc	0.03			0.03			
Aluminum	5.15			3.22			
Ammonium (NH ₄ -N)	< 0.5			5.5			
ESP (calculated)	1.91			2.03			
SAR (calculated)	2.18			2.26			

* Soluble Salts: mmhos/cm = ppm / 640