

BROOKSIDE LABORATORIES, INC.
SATURATED SOIL ANALYSIS

The Summit
Las Vegas, NV

File Number: 73668
Date Received: 06/28/2021
Date Reported: 06/30/2021

Submitted By: Soil and Water Consulting

Lab Number	0001
Description	TEE
	12

pH	7.9
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	399					
Chloride	38					
Nitrate (NO3-N)	13.5					
Bicarbonate	130.35					
Sulfur	29.83					
Phosphorus	1.37					
Calcium	25.54	1.27	30.20			
Magnesium	10.09	0.83	19.66			
Potassium	19.42	0.50	11.77			
Sodium	37.22	1.62	38.36			
TOTAL		4.22	100			

Boron	0.08
Iron	2.76
Manganese	0.06
Copper	0.03
Zinc	0.03
Aluminum	4.98
Ammonium (NH4-N)	51.1

ESP (calculated)	1.06
SAR (calculated)	1.58

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0002
Description	FAIRWAY
	12

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	790					
Chloride	96					
Nitrate (NO3-N)	37.3					
Bicarbonate	159.98					
Sulfur	66.78					
Phosphorus	3.01					
Calcium	48.07	2.40	26.19			
Magnesium	20.74	1.71	18.62			
Potassium	52.19	1.33	14.57			
Sodium	85.58	3.72	40.62			
TOTAL		9.16	100			

Boron	0.13
Iron	5.04
Manganese	0.07
Copper	0.05
Zinc	0.04
Aluminum	10.46
Ammonium (NH4-N)	72.0

ESP (calculated)	2.51
SAR (calculated)	2.60

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0003			0004			
Description	GREEN			GREEN			
	3			12			
pH	7.8			7.9			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	1055			1271			
Chloride	136			190			
Nitrate (NO3-N)	0.9			< 0.5			
Bicarbonate	117.32			137.00			
Sulfur	179.76			217.66			
Phosphorus	1.23			1.82			
Calcium	84.88	4.24	28.24	95.14	4.75	25.78	
Magnesium	32.36	2.66	17.75	40.19	3.31	17.95	
Potassium	38.12	0.97	6.50	45.67	1.17	6.34	
Sodium	163.90	7.13	47.51	211.41	9.19	49.92	
TOTAL		15.00	100		18.41	100	
Boron	0.23			0.16			
Iron	0.51			1.09			
Manganese	0.16			0.24			
Copper	0.04			0.03			
Zinc	0.01			0.02			
Aluminum	0.80			1.69			
Ammonium (NH4-N)	94.7			100.7			
ESP (calculated)	4.21			5.21			
SAR (calculated)	3.84			4.58			

* Soluble Salts: mmhos/cm = ppm / 640