

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

The Summit Club
10775 Summit Club Drive
Las Vegas, NV 89135

File Number: 73668
Date Received: 3/26/2025
Date Reported: 3/27/2025

Submitted By: Soil and Water Consulting

Lab Number	0015
Description	TEE
	5

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	524					
Chloride	81					
Nitrate (NO3-N)	14.9					
Bicarbonate	153.12					
Sulfur	42.55					
Phosphorus	6.73					
Calcium	54.82	2.74	29.26			
Magnesium	23.33	1.92	20.52			
Potassium	37.30	0.95	10.21			
Sodium	86.03	3.74	40.01			
TOTAL		9.35	100			
Boron	0.17					
Iron	4.62					
Manganese	0.09					
Copper	0.05					
Zinc	0.05					
Aluminum	8.99					
Ammonium (NH4-N)	4.7					
ESP (calculated)	2.30					
SAR (calculated)	2.45					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0016
Description	FAIRWAY
	5

pH	8.2
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	810					
Chloride	116					
Nitrate (NO3-N)	2.8					
Bicarbonate	245.31					

Sulfur	106.40					
Phosphorus	4.16					
Calcium	90.80	4.53	29.07			
Magnesium	39.50	3.25	20.84			
Potassium	49.87	1.28	8.18			
Sodium	150.20	6.53	41.90			
TOTAL		15.59	100			

Boron	0.22
Iron	1.52
Manganese	0.10
Copper	0.06
Zinc	0.04
Aluminum	2.00
Ammonium (NH4-N)	4.3

ESP (calculated)	3.50
SAR (calculated)	3.31

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0017			0018			
Description	GREEN			GREEN			
	5			14			
pH	8.0			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	439			408			
Chloride	34			41			
Nitrate (NO3-N)	2.1			< 0.5			
Bicarbonate	115.48			123.44			
Sulfur	63.68			58.05			
Phosphorus	2.04			1.53			
Calcium	49.53	2.47	31.23	47.80	2.39	33.01	
Magnesium	14.10	1.16	14.66	14.66	1.21	16.69	
Potassium	32.27	0.83	10.43	27.74	0.71	9.82	
Sodium	79.51	3.46	43.68	67.27	2.92	40.48	
TOTAL		7.91	100		7.22	100	
Boron	0.24			0.20			
Iron	1.14			2.43			
Manganese	0.06			0.19			
Copper	0.03			0.04			
Zinc	0.02			0.03			
Aluminum	1.90			4.02			
Ammonium (NH4-N)	< 0.5			5.5			
ESP (calculated)	2.46			1.92			
SAR (calculated)	2.57			2.18			

* Soluble Salts: mmhos/cm = ppm / 640