

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Canyon Gate Country Club
2001 Canyon Gate Drive
Las Vegas, NV 89117

File Number: 46715
Date Received: 3/24/2022
Date Reported: 3/28/2022

Submitted By: Soil and Water Consulting

Lab Number	0060
Description	TEE
	5

pH	7.8
----	-----

	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1441					
Chloride	182					
Nitrate (NO3-N)	128.5					
Bicarbonate	156.69					
Sulfur	149.07					
Phosphorus	6.42					
Calcium	247.13	12.33	45.77			
Magnesium	106.63	8.77	32.54			
Potassium	52.82	1.35	5.01			
Sodium	103.36	4.49	16.68			
TOTAL		26.95	100			
Boron	0.11					
Iron	0.40					
Manganese	0.26					
Copper	0.18					
Zinc	0.11					
Aluminum	0.56					
Ammonium (NH4-N)	7.1					
ESP (calculated)	0.77					
SAR (calculated)	1.38					

* Soluble Salts: mmhos/cm = ppm / 640

BROOKSIDE LABORATORIES, INC.
SATURATED SOIL ANALYSIS

Canyon Gate Country Club
2001 Canyon Gate Drive
Las Vegas, NV 89117

File Number: 46715
Date Received: 3/24/2022
Date Reported: 3/28/2022

Submitted By: Soil and Water Consulting

Lab Number	0061
Description	FAIRWAY
	5

pH	8.0
----	-----

	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1227					
Chloride	205					
Nitrate (NO3-N)	30.5					
Bicarbonate	249.80					
Sulfur	198.09					
Phosphorus	3.57					
Calcium	237.12	11.83	45.05			
Magnesium	98.88	8.13	30.96			
Potassium	51.90	1.33	5.05			
Sodium	114.40	4.97	18.94			
TOTAL		26.27	100			
Boron	0.21					
Iron	0.40					
Manganese	0.19					
Copper	0.19					
Zinc	0.08					
Aluminum	0.52					
Ammonium (NH4-N)	6.9					
ESP (calculated)	1.05					
SAR (calculated)	1.57					

* Soluble Salts: mmhos/cm = ppm / 640

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Canyon Gate Country Club
2001 Canyon Gate Drive
Las Vegas, NV 89117

File Number: 46715
Date Received: 3/24/2022
Date Reported: 3/28/2022

Submitted By: Soil and Water Consulting

Lab Number	0062			0063			
Description	GREEN			GREEN			
	5			14			
pH	7.9			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	424			519			
Chloride	64			47			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	151.45			129.08			
Sulfur	90.18			87.16			
Phosphorus	3.85			1.71			
Calcium	99.77	4.98	43.75	75.38	3.76	40.70	
Magnesium	33.69	2.77	24.34	25.15	2.07	22.38	
Potassium	40.94	1.05	9.20	32.84	0.84	9.09	
Sodium	59.41	2.58	22.70	59.14	2.57	27.82	
TOTAL		11.38	100		9.24	100	
Boron	0.20			0.12			
Iron	0.51			0.65			
Manganese	0.14			0.12			
Copper	0.18			0.11			
Zinc	0.05			0.02			
Aluminum	0.57			0.88			
Ammonium (NH4-N)	3.2			2.3			
ESP (calculated)	0.67			0.95			
SAR (calculated)	1.31			1.51			

* Soluble Salts: mmhos/cm = ppm / 640