

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 46715
Date Received: 3/29/2021
Date Reported: 3/31/2021

Submitted By: Soil and Water Consulting

Lab Number	0018
Description	TEE
	9

pH	8.2
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	671					
Chloride	115					
Nitrate (NO ₃ -N)	1.3					
Bicarbonate	208.99					
Sulfur	88.83					
Phosphorus	2.40					
Calcium	114.25	5.70	42.82			
Magnesium	53.10	4.37	32.80			
Potassium	21.72	0.56	4.17			
Sodium	61.89	2.69	20.21			
TOTAL		13.31	100			
Boron	0.10					
Iron	0.52					
Manganese	0.09					
Copper	0.06					
Zinc	0.07					
Aluminum	0.69					
Ammonium (NH ₄ -N)	4.3					
ESP (calculated)	0.51					
SAR (calculated)	1.20					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0019
Description	FAIRWAY
	9

pH	8.1
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	774					
Chloride	112					
Nitrate (NO3-N)	20.9					
Bicarbonate	210.14					
Sulfur	116.47					
Phosphorus	3.25					
Calcium	147.23	7.35	46.87			
Magnesium	58.55	4.82	30.72			
Potassium	31.65	0.81	5.16			
Sodium	62.18	2.70	17.25			
TOTAL		15.67	100			
Boron	0.16					
Iron	0.48					
Manganese	0.09					
Copper	0.05					
Zinc	0.05					
Aluminum	0.77					
Ammonium (NH4-N)	4.5					
ESP (calculated)	0.36					
SAR (calculated)	1.10					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0020
Description	GREEN
	9

pH	8.2
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	312					
Chloride	21					
Nitrate (NO3-N)	< 0.5					
Bicarbonate	96.94					
Sulfur	42.69					
Phosphorus	1.27					
Calcium	49.46	2.47	45.96			
Magnesium	13.28	1.09	20.33			
Potassium	18.57	0.47	8.84			
Sodium	30.71	1.34	24.86			
TOTAL		5.37	100			
Boron	0.07					
Iron	0.85					
Manganese	0.15					
Copper	0.03					
Zinc	0.01					
Aluminum	1.04					
Ammonium (NH4-N)	0.7					
ESP (calculated)	0.22					
SAR (calculated)	1.00					

* Soluble Salts: mmhos/cm = ppm / 640