

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Tucson Country Club
2950 N. Camino Principal
Tucson, AZ 85715

File Number: 34998
Date Received: 9/29/2023
Date Reported: 10/3/2023

Submitted By: Soil and Water Consulting

Lab Number	0030			0031			
Description	FAIRWAY			FAIRWAY			
	2			7			
pH	8.2			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	787			672			
Chloride	134			93			
Nitrate (NO3-N)	12.2			10.3			
Bicarbonate	236.35			207.94			
Sulfur	70.35			54.24			
Phosphorus	1.93			2.56			
Calcium	65.76	3.28	23.75	55.19	2.75	23.56	
Magnesium	9.59	0.79	5.71	7.19	0.59	5.06	
Potassium	41.27	1.06	7.64	30.52	0.78	6.68	
Sodium	199.92	8.69	62.91	173.98	7.56	64.71	
TOTAL		13.82	100		11.69	100	
Boron	0.26			0.20			
Iron	1.90			1.13			
Manganese	0.05			0.04			
Copper	0.13			0.10			
Zinc	0.05			0.06			
Aluminum	3.63			1.70			
Ammonium (NH4-N)	1.9			2.3			
ESP (calculated)	7.17			6.86			
SAR (calculated)	6.09			5.85			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0032
Description	FAIRWAY
	9

pH	8.1
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	422					
Chloride	46					
Nitrate (NO ₃ -N)	15.0					
Bicarbonate	131.43					
Sulfur	25.63					
Phosphorus	1.40					
Calcium	31.60	1.58	22.20			
Magnesium	5.32	0.44	6.15			
Potassium	18.77	0.48	6.76			
Sodium	106.05	4.61	64.89			
TOTAL		7.11	100			
Boron	0.13					
Iron	2.31					
Manganese	0.05					
Copper	0.07					
Zinc	0.03					
Aluminum	4.55					
Ammonium (NH ₄ -N)	0.5					
ESP (calculated)	5.23					
SAR (calculated)	4.59					

* Soluble Salts: mmhos/cm = ppm / 640