

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 34998
Date Received: 6/26/2023
Date Reported: 6/28/2023

Submitted By: Soil and Water Consulting

Lab Number	0026			0027			
Description	FAIRWAY			FAIRWAY			
	3			6			
pH	8.1			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	675			588			
Chloride	115			89			
Nitrate (NO3-N)	< 0.5			6.7			
Bicarbonate	230.84			233.21			
Sulfur	60.29			42.25			
Phosphorus	3.79			1.02			
Calcium	50.04	2.50	21.35	62.66	3.13	30.12	
Magnesium	7.96	0.65	5.60	8.47	0.70	6.71	
Potassium	35.50	0.91	7.76	30.47	0.78	7.51	
Sodium	175.70	7.64	65.30	132.93	5.78	55.67	
TOTAL		11.70	100		10.38	100	
Boron	0.24			0.15			
Iron	2.99			1.56			
Manganese	0.08			0.04			
Copper	0.19			0.08			
Zinc	0.09			< 0.01			
Aluminum	4.43			2.54			
Ammonium (NH4-N)	7.0			1.6			
ESP (calculated)	7.16			4.68			
SAR (calculated)	6.09			4.18			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0028
Description	FAIRWAY
	13

pH	7.9
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	403					
Chloride	76					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	116.65					

Sulfur	32.53					
Phosphorus	2.24					
Calcium	31.79	1.59	22.23			
Magnesium	5.20	0.43	5.99			
Potassium	18.53	0.47	6.64			
Sodium	106.89	4.65	65.13			
TOTAL		7.14	100			

Boron	0.16					
Iron	2.40					
Manganese	0.05					
Copper	0.13					
Zinc	0.03					
Aluminum	3.80					
Ammonium (NH ₄ -N)	0.6					

ESP (calculated)	5.28					
SAR (calculated)	4.63					

* Soluble Salts: mmhos/cm = ppm / 640