

BROOKSIDE LABORATORIES, INC.
SATURATED SOIL ANALYSIS

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

File Number: 34998
Date Received: 3/8/2019
Date Reported: 3/11/2019

Submitted By: Soil and Water Consulting

Lab Number	0008
Description	TEE
	5

pH	8.1
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	308					
Chloride	23					
Nitrate (NO3-N)	13.9					
Bicarbonate	97.62					
Sulfur	27.13					
Phosphorus	1.03					
Calcium	37.49	1.87	33.50			
Magnesium	5.60	0.46	8.25			
Potassium	11.10	0.28	5.08			
Sodium	68.29	2.97	53.17			
TOTAL		5.58	100			
Boron	0.09					
Iron	1.91					
Manganese	0.04					
Copper	0.11					
Zinc	0.07					
Aluminum	3.72					
Ammonium (NH4-N)	0.8					
ESP (calculated)	2.72					
SAR (calculated)	2.75					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0009
Description	FAIRWAY
	5

pH	8.1
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	277					
Chloride	22					
Nitrate (NO3-N)	11.7					
Bicarbonate	109.82					
Sulfur	15.34					
Phosphorus	2.41					
Calcium	31.80	1.59	28.31			
Magnesium	5.98	0.49	8.77			
Potassium	24.99	0.64	11.40			
Sodium	66.40	2.89	51.52			
TOTAL		5.60	100			
Boron	0.19					
Iron	2.55					
Manganese	0.04					
Copper	0.11					
Zinc	0.08					
Aluminum	4.85					
Ammonium (NH4-N)	0.8					
ESP (calculated)	2.83					
SAR (calculated)	2.83					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0010			0011			
Description	GREEN			GREEN			
	5			14			
pH	8.0			7.9			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	117			145			
Chloride	8			10			
Nitrate (NO ₃ -N)	1.3			2.9			
Bicarbonate	65.89			56.13			
Sulfur	5.75			6.49			
Phosphorus	4.22			3.45			
Calcium	7.83	0.39	18.21	12.19	0.61	22.70	
Magnesium	2.39	0.20	9.16	3.70	0.30	11.37	
Potassium	13.16	0.34	15.69	16.48	0.42	15.73	
Sodium	28.10	1.22	56.94	30.93	1.34	50.20	
TOTAL		2.15	100		2.68	100	
Boron	0.14			0.11			
Iron	2.01			2.92			
Manganese	0.09			0.11			
Copper	0.11			0.07			
Zinc	0.03			0.02			
Aluminum	2.49			4.12			
Ammonium (NH ₄ -N)	< 0.5			0.6			
ESP (calculated)	2.02			1.65			
SAR (calculated)	2.25			1.99			

* Soluble Salts: mmhos/cm = ppm / 640