

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 34998
Date Received: 03/09/2018
Date Reported: 03/13/2018

Submitted By: Soil and Water Consulting

Lab Number	0142
Description	TEE
	9

pH	8.1
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	275					
Chloride	17					
Nitrate (NO ₃ -N)	9.1					
Bicarbonate	90.29					
Sulfur	14.42					
Phosphorus	0.95					
Calcium	42.22	2.11	44.64			
Magnesium	4.43	0.36	7.72			
Potassium	11.33	0.29	6.14			
Sodium	45.05	1.96	41.50			
TOTAL		4.72	100			
Boron	0.09					
Iron	1.08					
Manganese	0.03					
Copper	0.07					
Zinc	0.03					
Aluminum	1.96					
Ammonium (NH ₄ -N)	< 0.5					
ESP (calculated)	1.32					
SAR (calculated)	1.76					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0143
Description	FAIRWAY
	9

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	401					
Chloride	32					
Nitrate (NO ₃ -N)	4.2					
Bicarbonate	185.47					
Sulfur	22.98					
Phosphorus	0.55					
Calcium	61.14	3.05	44.10			
Magnesium	18.09	1.49	21.50			
Potassium	25.41	0.65	9.39			
Sodium	39.80	1.73	25.01			
TOTAL		6.92	100			
Boron	0.13					
Iron	0.11					
Manganese	0.06					
Copper	0.07					
Zinc	0.06					
Aluminum	0.05					
Ammonium (NH ₄ -N)	1.7					
ESP (calculated)	0.43					
SAR (calculated)	1.15					

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	0144			0145			
Description	GREEN			GREEN			
	9			18			
pH	8.3			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	138			159			
Chloride	8			8			
Nitrate (NO3-N)	1.3			4.7			
Bicarbonate	95.18			87.85			
Sulfur	5.64			7.05			
Phosphorus	2.34			2.49			
Calcium	15.18	0.76	30.41	12.85	0.64	26.96	
Magnesium	3.10	0.26	10.25	3.18	0.26	11.00	
Potassium	11.79	0.30	12.10	16.67	0.43	17.92	
Sodium	27.06	1.18	47.24	24.14	1.05	44.12	
TOTAL		2.49	100		2.38	100	
Boron	0.09			0.08			
Iron	0.99			1.02			
Manganese	0.03			0.06			
Copper	0.08			0.09			
Zinc	0.03			0.04			
Aluminum	1.09			1.22			
Ammonium (NH4-N)	< 0.5			< 0.5			
ESP (calculated)	1.17			1.03			
SAR (calculated)	1.65			1.56			

* Soluble Salts: mmhos/cm = ppm / 640