

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 34998
Date Received: 6/24/2019
Date Reported: 6/26/2019

Submitted By: Soil and Water Consulting

Lab Number	0182
Description	TEE
	15

pH	8.1
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1111					
Chloride	110					
Nitrate (NO3-N)	55.2					
Bicarbonate	366.06					
Sulfur	71.34					
Phosphorus	1.47					
Calcium	119.38	5.96	31.54			
Magnesium	19.63	1.61	8.55			
Potassium	69.80	1.79	9.45			
Sodium	219.27	9.53	50.47			
TOTAL		18.89	100			
Boron	0.15					
Iron	0.86					
Manganese	0.13					
Copper	0.10					
Zinc	0.06					
Aluminum	2.08					
Ammonium (NH4-N)	33.6					
ESP (calculated)	5.63					
SAR (calculated)	4.90					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0183
Description	FAIRWAY
	15

pH	8.1
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	670					
Chloride	72					
Nitrate (NO ₃ -N)	24.5					
Bicarbonate	219.64					

Sulfur	36.44					
Phosphorus	3.79					
Calcium	56.82	2.84	22.64			
Magnesium	11.36	0.93	7.46			
Potassium	66.89	1.71	13.66			
Sodium	161.95	7.04	56.23			
TOTAL		12.52	100			

Boron	0.22					
Iron	0.94					
Manganese	0.10					
Copper	0.11					
Zinc	0.06					
Aluminum	1.85					
Ammonium (NH ₄ -N)	3.3					

ESP (calculated)	5.93					
SAR (calculated)	5.13					

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	0184			0185			
Description	GREEN			GREEN			
	6			15			
pH	8.3			8.3			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	433			577			
Chloride	40			58			
Nitrate (NO3-N)	2.4			0.7			
Bicarbonate	168.39			217.20			
Sulfur	36.24			36.60			
Phosphorus	2.12			3.08			
Calcium	55.22	2.76	33.88	60.11	3.00	31.39	
Magnesium	11.74	0.97	11.88	12.13	1.00	10.44	
Potassium	67.99	1.74	21.38	96.06	2.46	25.71	
Sodium	61.45	2.67	32.86	71.35	3.10	32.46	
TOTAL		8.13	100		9.56	100	
Boron	0.15			0.14			
Iron	1.85			1.08			
Manganese	0.26			0.28			
Copper	0.08			0.11			
Zinc	0.04			0.06			
Aluminum	3.21			1.96			
Ammonium (NH4-N)	2.8			15.6			
ESP (calculated)	1.60			1.94			
SAR (calculated)	1.96			2.19			

* Soluble Salts: mmhos/cm = ppm / 640