

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 34998
Date Received: 6/13/2022
Date Reported: 6/14/2022

Submitted By: Soil and Water Consulting

Lab Number	0049
Description	TEE
	15

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	942					
Chloride	150					
Nitrate (NO ₃ -N)	1.6					
Bicarbonate	190.85					
Sulfur	151.89					
Phosphorus	1.65					
Calcium	107.01	5.34	28.38			
Magnesium	15.84	1.30	6.92			
Potassium	19.23	0.49	2.61			
Sodium	268.72	11.68	62.09			
TOTAL		18.82	100			
Boron	0.17					
Iron	4.65					
Manganese	0.17					
Copper	0.20					
Zinc	0.11					
Aluminum	7.65					
Ammonium (NH ₄ -N)	0.8					
ESP (calculated)	7.58					
SAR (calculated)	6.41					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0050
Description	FAIRWAY
	15

pH	7.8
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	593					
Chloride	109					
Nitrate (NO ₃ -N)	2.0					
Bicarbonate	65.87					
Sulfur	113.58					
Phosphorus	1.72					
Calcium	62.14	3.10	26.45			
Magnesium	9.64	0.79	6.76			
Potassium	21.40	0.55	4.67			
Sodium	167.45	7.28	62.11			
TOTAL		11.72	100			
Boron	0.16					
Iron	1.62					
Manganese	0.06					
Copper	0.13					
Zinc	0.08					
Aluminum	2.39					
Ammonium (NH ₄ -N)	< 0.5					
ESP (calculated)	6.05					
SAR (calculated)	5.22					

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	0051			0052			
Description	GREEN			GREEN			
	6			15			
pH	8.0			8.0			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	289			335			
Chloride	44			52			
Nitrate (NO3-N)	1.2			< 0.5			
Bicarbonate	63.89			71.99			
Sulfur	36.69			44.66			
Phosphorus	1.58			2.04			
Calcium	34.63	1.73	32.96	40.37	2.01	32.66	
Magnesium	6.10	0.50	9.56	7.29	0.60	9.72	
Potassium	15.41	0.39	7.52	22.00	0.56	9.12	
Sodium	60.23	2.62	49.95	68.81	2.99	48.50	
TOTAL		5.24	100		6.17	100	
Boron	0.13			0.15			
Iron	0.85			0.78			
Manganese	0.08			0.05			
Copper	0.06			0.07			
Zinc	0.02			0.03			
Aluminum	1.08			1.02			
Ammonium (NH4-N)	< 0.5			< 0.5			
ESP (calculated)	2.34			2.53			
SAR (calculated)	2.48			2.62			

* Soluble Salts: mmhos/cm = ppm / 640