

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 34998
Date Received: 10/21/2024
Date Reported: 10/22/2024

Submitted By: Soil and Water Consulting

Lab Number	0048
Description	TEE
	2

pH	7.7
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	160					
Chloride	12					
Nitrate (NO3-N)	2.3					
Bicarbonate	68.92					
Sulfur	8.43					
Phosphorus	5.65					
Calcium	19.12	0.95	34.17			
Magnesium	7.45	0.61	21.94			
Potassium	14.11	0.36	12.93			
Sodium	19.88	0.86	30.96			
TOTAL		2.79	100			
Boron	0.05					
Iron	9.85					
Manganese	0.15					
Copper	0.10					
Zinc	0.09					
Aluminum	16.13					
Ammonium (NH4-N)	1.4					
ESP (calculated)	0.18					
SAR (calculated)	0.98					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0049
Description	FAIRWAY
	2

pH	7.4
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	236					
Chloride	16					
Nitrate (NO3-N)	9.9					
Bicarbonate	57.01					
Sulfur	20.04					
Phosphorus	7.99					
Calcium	31.40	1.57	39.53			
Magnesium	8.51	0.70	17.67			
Potassium	23.37	0.60	15.08			
Sodium	25.27	1.10	27.72			
TOTAL		3.96	100			
Boron	0.06					
Iron	2.86					
Manganese	0.08					
Copper	0.06					
Zinc	0.07					
Aluminum	4.38					
Ammonium (NH4-N)	1.1					
ESP (calculated)	0.26					
SAR (calculated)	1.03					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0050			0051			
Description	GREEN			GREEN			
	2			11			
pH	8.0			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	166			205			
Chloride	9			9			
Nitrate (NO3-N)	1.4			3.9			
Bicarbonate	74.55			117.94			
Sulfur	13.02			10.02			
Phosphorus	1.77			2.21			
Calcium	19.84	0.99	38.13	14.35	0.72	28.49	
Magnesium	5.48	0.45	17.35	5.18	0.43	16.95	
Potassium	10.75	0.28	10.59	16.09	0.41	16.37	
Sodium	20.26	0.88	33.92	22.08	0.96	38.19	
TOTAL		2.60	100		2.51	100	
Boron	0.04			0.04			
Iron	1.86			5.95			
Manganese	0.07			0.26			
Copper	0.03			0.07			
Zinc	0.06			0.17			
Aluminum	3.39			10.52			
Ammonium (NH4-N)	0.6			17.7			
ESP (calculated)	0.27			0.61			
SAR (calculated)	1.04			1.27			

* Soluble Salts: mmhos/cm = ppm / 640