

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 34998
Date Received: 7/9/2024
Date Reported: 7/11/2024

Submitted By: Soil and Water Consulting

Lab Number	0083
Description	TEE
	3

pH	7.9
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	531					
Chloride	54					
Nitrate (NO3-N)	16.8					
Bicarbonate	109.72					
Sulfur	41.85					
Phosphorus	0.84					
Calcium	51.68	2.58	34.90			
Magnesium	7.19	0.59	8.00			
Potassium	22.84	0.58	7.91			
Sodium	83.60	3.63	49.19			
TOTAL		7.39	100			
Boron	0.10					
Iron	0.52					
Manganese	0.04					
Copper	0.03					
Zinc	0.02					
Aluminum	0.83					
Ammonium (NH4-N)	4.2					
ESP (calculated)	2.91					
SAR (calculated)	2.89					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0084
Description	FAIRWAY
	3

pH	7.9
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	410					
Chloride	19					
Nitrate (NO3-N)	27.3					
Bicarbonate	71.50					
Sulfur	18.48					
Phosphorus	1.42					
Calcium	46.62	2.33	39.21			
Magnesium	6.91	0.57	9.57			
Potassium	22.69	0.58	9.78			
Sodium	56.55	2.46	41.44			
TOTAL		5.93	100			
Boron	0.13					
Iron	1.29					
Manganese	0.06					
Copper	0.04					
Zinc	0.02					
Aluminum	2.15					
Ammonium (NH4-N)	4.0					
ESP (calculated)	1.72					
SAR (calculated)	2.04					

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	0085			0086		
Description	GREEN			GREEN		
	3			12		
pH	8.1			8.3		
	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	292			404		
Chloride	16			25		
Nitrate (NO3-N)	6.6			9.2		
Bicarbonate	94.26			154.15		
Sulfur	13.34			17.07		
Phosphorus	1.50			3.84		
Calcium	25.26	1.26	33.71	17.12	0.85	25.52
Magnesium	6.44	0.53	14.15	5.49	0.45	13.48
Potassium	10.75	0.27	7.35	18.79	0.48	14.35
Sodium	38.53	1.68	44.79	35.93	1.56	46.66
TOTAL		3.74	100		3.35	100
Boron	0.08			0.05		
Iron	0.71			2.16		
Manganese	0.06			0.09		
Copper	0.02			0.04		
Zinc	0.01			0.02		
Aluminum	0.97			2.86		
Ammonium (NH4-N)	3.4			31.7		
ESP (calculated)	1.33			1.57		
SAR (calculated)	1.77			1.93		

* Soluble Salts: mmhos/cm = ppm / 640