

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 34998
Date Received: 3/15/2024
Date Reported: 3/19/2024

Submitted By: Soil and Water Consulting

Lab Number	0012
Description	TEE
	9

pH	8.2
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	300					
Chloride	23					
Nitrate (NO3-N)	< 0.5					
Bicarbonate	184.94					

Sulfur	8.66					
Phosphorus	1.55					
Calcium	46.55	2.32	41.04			
Magnesium	13.40	1.10	19.47			
Potassium	20.63	0.53	9.32			
Sodium	39.27	1.71	30.17			
TOTAL		5.66	100			

Boron	0.10					
Iron	0.78					
Manganese	0.15					
Copper	0.15					
Zinc	0.06					
Aluminum	1.74					
Ammonium (NH4-N)	2.8					

ESP (calculated)	0.66					
SAR (calculated)	1.30					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0013
Description	FAIRWAY
	9

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	326					
Chloride	20					
Nitrate (NO3-N)	3.7					
Bicarbonate	181.58					
Sulfur	15.55					
Phosphorus	4.15					
Calcium	37.87	1.89	25.30			
Magnesium	5.35	0.44	5.89			
Potassium	21.62	0.55	7.40			
Sodium	105.55	4.59	61.42			
TOTAL		7.47	100			
Boron	0.22					
Iron	2.88					
Manganese	0.06					
Copper	0.17					
Zinc	0.09					
Aluminum	4.61					
Ammonium (NH4-N)	2.5					
ESP (calculated)	4.77					
SAR (calculated)	4.25					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0014			0015			
Description	GREEN			GREEN			
	9			18			
pH	8.0			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	256			283			
Chloride	16			20			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	140.64			149.65			
Sulfur	7.61			12.28			
Phosphorus	2.61			2.18			
Calcium	39.26	1.96	38.98	41.53	2.07	37.07	
Magnesium	10.23	0.84	16.74	11.72	0.96	17.24	
Potassium	12.58	0.32	6.40	10.77	0.28	4.93	
Sodium	43.78	1.90	37.87	52.42	2.28	40.77	
TOTAL		5.03	100		5.59	100	
Boron	0.12			0.22			
Iron	1.41			1.46			
Manganese	0.13			0.10			
Copper	0.04			0.05			
Zinc	0.02			0.02			
Aluminum	1.85			1.82			
Ammonium (NH4-N)	< 0.5			< 0.5			
ESP (calculated)	1.10			1.45			
SAR (calculated)	1.61			1.85			

* Soluble Salts: mmhos/cm = ppm / 640