

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

City of Kingman-Parks Department
3333 Harrison Street
86409

File Number: 82218
Date Received: 10/7/2024
Date Reported: 10/8/2024

Submitted By: Soil and Water Consulting

Lab Number	0072			0073			
Description	CENTENIAL PARK FOOTBALL FIELD			CENTENIAL PARK NORTH SOCCER			
pH	8.2			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	888			457			
Chloride	153			49			
Nitrate (NO ₃ -N)	57.9			24.2			
Bicarbonate	221.04			142.38			
Sulfur	39.35			18.25			
Phosphorus	2.16			3.62			
Calcium	108.13	5.40	36.28	47.66	2.38	32.15	
Magnesium	54.29	4.46	30.01	26.87	2.21	29.87	
Potassium	47.59	1.22	8.18	41.97	1.07	14.51	
Sodium	87.32	3.80	25.52	39.94	1.74	23.47	
TOTAL		14.87	100		7.40	100	
Boron	0.15			0.12			
Iron	1.02			3.92			
Manganese	0.12			0.06			
Copper	0.06			0.07			
Zinc	0.02			0.04			
Aluminum	1.47			6.33			
Ammonium (NH ₄ -N)	19.2			4.9			
ESP (calculated)	1.25			0.43			
SAR (calculated)	1.71			1.15			

* Soluble Salts: mmhos/cm = ppm / 640

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

City of Kingman-Parks Department
3333 Harrison Street
86409

File Number: 82218
Date Received: 10/7/2024
Date Reported: 10/8/2024

Submitted By: Soil and Water Consulting

Lab Number	0074
Description	CENTENIAL PARK SOUTH SOCCER

pH	8.2
----	-----

	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	512					
Chloride	62					
Nitrate (NO ₃ -N)	26.1					
Bicarbonate	147.69					
Sulfur	30.53					
Phosphorus	4.91					
Calcium	57.54	2.87	30.89			
Magnesium	30.61	2.52	27.08			
Potassium	44.68	1.14	12.30			
Sodium	63.55	2.76	29.73			
TOTAL		9.29	100			
Boron	0.16					
Iron	2.39					
Manganese	0.04					
Copper	0.06					
Zinc	0.02					
Aluminum	3.95					
Ammonium (NH ₄ -N)	< 0.5					
ESP (calculated)	1.21					
SAR (calculated)	1.68					

* Soluble Salts: mmhos/cm = ppm / 640