



Client: City of Kingman Parks
Fall 2024 Report

SOUTHSIDE PARK	Acceptable Range For Alkaline Soils Sample	Football 9/12/22	Football 9/12/23	Football 9/30/24
Organic Matter (Humus)	2 - 3%	4.86	4.85	3.63
Sulfur	12 - 16 ppm	30.00	18.00	36.00
Olsen - Phosphorus	13 - 20 ppm	65.00	71.00	46.00
Calcium - TEC of 6 - 12	1,000 lbs/acre	5,760.00	4,226.00	5,632.00
Magnesium	>7% base saturation or at least 200 lbs/acre	22.62%/1,162	25.68%/1,022	23.60%/1,206
Potassium - TEC of 0 - 35	100 ppm	392.00	315.00	376.00
Manganese	>50 ppm	62.00	45.00	73.00

CENTENNIAL PARK SOCCER	Acceptable Range For Alkaline Soils Sample	South 9/12/22	South 9/12/23	South 9/30/24	North 9/12/22	North 9/12/23	North 9/30/24
Organic Matter (Humus)	2 - 3%	5.07	4.70	5.18	3.96	5.24	4.72
Sulfur	12 - 16 ppm	23.00	30.00	32.00	47.00	19.00	27.00
Olsen - Phosphorus	13 - 20 ppm	31.00	22.00	48.00	41.00	22.00	28.00
Calcium - TEC of 6 - 12	1,000 lbs/acre	5,176.00	4,076.00	5,542.00	6,132.00	3,896.00	4,638.00
Magnesium	>7% base saturation or at least 200 lbs/acre	26.20%/1,308	26.70%/1,086	26.46%/1,434	27.61%/1688	29.69%/1,244	27.69%/1,284
Potassium - TEC of 0 - 35	100 ppm	490.00	481.00	575.00	685.00	579.00	501.00
Manganese	>1 ppm	74.00	46.00	55.00	98.00	54.00	56.00

SOUTHSIDE PARK	Acceptable Range For Saturated Paste Sample	Football 9/12/22	Football 9/12/23	Football 9/30/24
Nitrate - Ryegrass	5 - 10 ppm	20.40	45.00	57.90
Phosphorus	2 - 10 ppm	4.50	5.74	2.16
Potassium	40 - 100 ppm	24.26	39.11	47.59
Calcium	60 - 200 ppm	48.43	72.55	108.13
Magnesium	20 - 70 ppm	25.48	36.65	54.29
Sodium	0 - 30 ppm	32.53	60.25	87.32
Soluble Salts	<1,920 ppm	376.00	636.00	888.00
Bicarbonate	<60 ppm	134.69	236.01	221.04
Chloride	<1,000 ppm	37.00	69.00	153.00
SAR	<4%	0.94	1.44	1.71

CENTENNIAL PARK SOCCER	Acceptable Range For Saturated Paste Sample	South 9/12/22	South 9/12/23	South 9/30/24	North 9/12/22	North 9/12/23	North 9/30/24
Nitrate - Ryegrass	5 - 10 ppm	9.00	4.10	26.10	2.50	27.80	24.20
Phosphorus	2 - 10 ppm	4.49	4.62	4.91	3.42	4.39	3.62
Potassium	40 - 100 ppm	24.23	36.87	44.68	14.91	59.65	41.97
Calcium	60 - 200 ppm	27.19	67.74	57.54	23.27	46.25	47.66
Magnesium	20 - 70 ppm	15.60	34.05	30.61	13.34	28.08	26.87
Sodium	0 - 30 ppm	23.26	54.64	63.55	20.06	49.43	39.94
Soluble Salts	<1,920 ppm	256.00	509.00	512.00	202.00	533.00	457.00
Bicarbonate	<60 ppm	115.44	226.13	147.69	108.61	225.35	142.38
Chloride	<1,000 ppm	15.00	73.00	62.00	15.00	36.00	49.00
SAR	<4%	0.88	1.35	1.68	0.82	1.41	1.15

