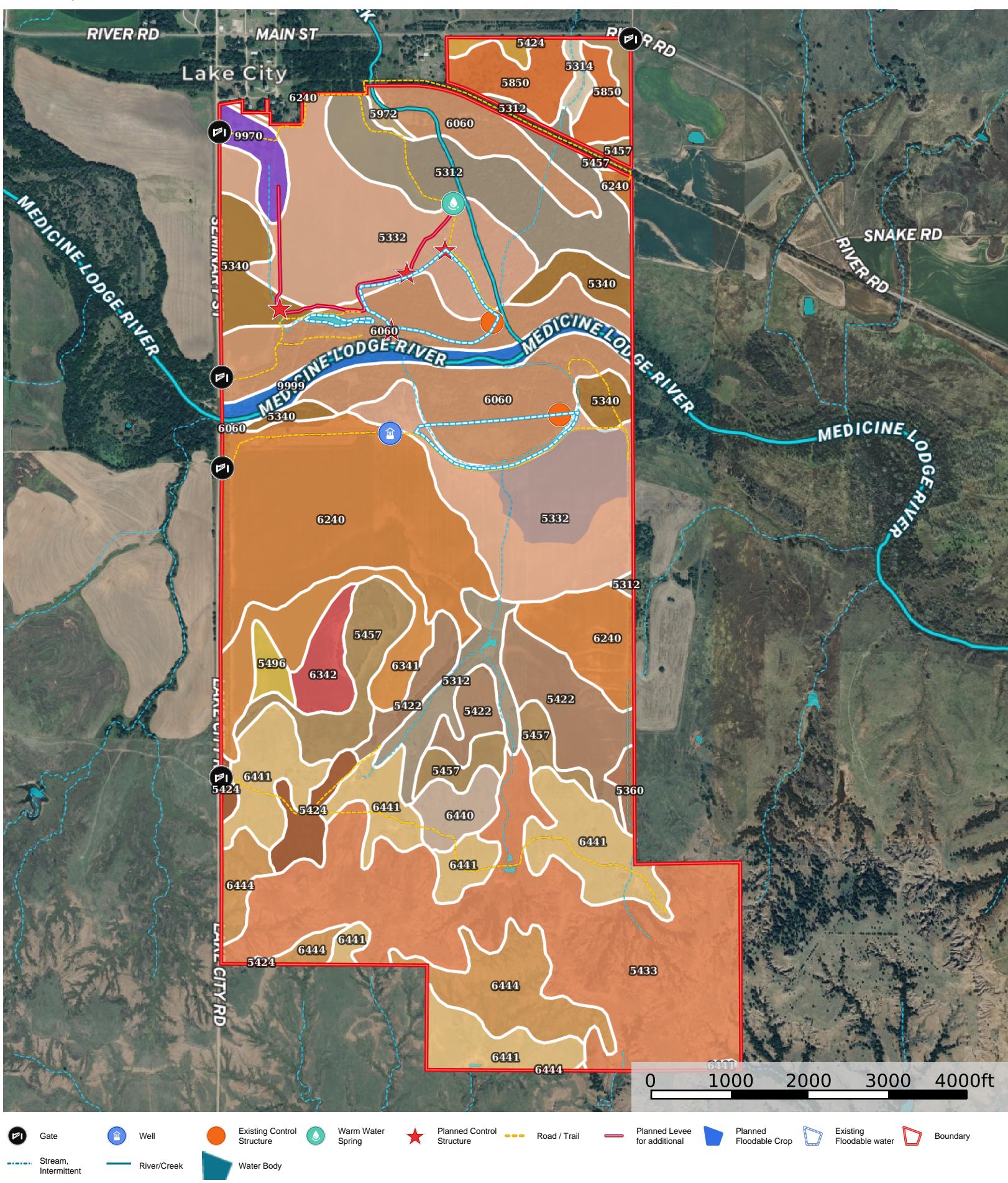


Rose Lake Ranch Kansas, AC +/-



Brenton Washausen

P: 405-406-7798

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|  All Polygons 1514.52 ac

SOIL CODE	SOIL DESCRIPTION	ACRES	%	CPI	NCCPI	CAP
5433	Knoco-Rock outcrop complex, 15 to 80 percent slopes	236.14	15.59	0	3	7s
5332	Mangum clay, 0 to 1 percent slopes, occasionally flooded	222.56	14.69	0	29	4s
6240	Dale silt loam, rarely flooded	185.26	12.23	0	63	1
6060	Lincoln soils, 0 to 1 percent slopes, frequently flooded	175.97	11.62	0	28	6w
6441	Vernon clay loam, 5 to 15 percent slopes	130.51	8.62	0	29	6e
5312	Clairemont silt loam, 0 to 1 percent slopes, occasionally flooded, cool	111.35	7.35	0	60	2w
5422	Kingfisher silt loam, 1 to 3 percent slopes	69.17	4.57	0	43	3s
5457	Quinlan-Woodward loams, 6 to 15 percent slopes	63.57	4.2	0	26	6e
6444	Vernon-Knoco complex, 1 to 5 percent slopes	61.27	4.05	0	23	7s
5340	Yahola sandy loam, occasionally flooded	53.19	3.51	0	41	2w
6341	Grant silt loam, 1 to 3 percent slopes	42.69	2.82	0	72	2e
5850	Albion and Shellabarger sandy loams, 6 to 15 percent slopes	37.05	2.45	0	45	6e
9999	Water	31	2.05	0	-	-
5424	Kingfisher-Vernon complex, 3 to 6 percent slopes	19.01	1.26	0	37	3e
6342	Grant silt loam, 3 to 5 percent slopes	18.62	1.23	0	71	3e
6440	Vernon clay loam, 3 to 5 percent slopes	17.05	1.13	0	30	4e
9970	Aquolls	14.56	0.96	0	-	5w
5496	Woodward-Quinlan complex, 3 to 5 percent slopes	7.62	0.5	0	33	3s
5314	Clairemont soils, channeled, frequently flooded	5.51	0.36	0	38	5w
5360	Mangum-Drummond complex, rarely flooded	5.06	0.33	0	43	3s
5893	Farnum loam, 1 to 3 percent slopes	4.55	0.3	0	61	2e
5972	Tivoli fine sand, 5 to 30 percent slopes	2.81	0.19	0	25	7e
TOTALS		1514.52(*)	100%	-	33.51	4.43

(*) Total acres may differ in the second decimal compared to the sum of each acreage soil. This is due to a round error because we only show the acres of each soil with two decimal.

|  Boundary 58.4 ac

SOIL CODE	SOIL DESCRIPTION	ACRES	%	CPI	NCCPI	CAP
5850	Albion and Shellabarger sandy loams, 6 to 15 percent slopes	37.05	63.44	0	45	6e
5457	Quinlan-Woodward loams, 6 to 15 percent slopes	7.71	13.2	0	26	6e

5314	Clairemont soils, channeled, frequently flooded	5.51	9.43	0	38	5w
5893	Farnum loam, 1 to 3 percent slopes	4.55	7.79	0	61	2e
5312	Clairemont silt loam, 0 to 1 percent slopes, occasionally flooded, cool	3.21	5.5	0	60	2w
5424	Kingfisher-Vernon complex, 3 to 6 percent slopes	0.37	0.63	0	37	3e
TOTALS		58.4(*)	100%	-	43.85	5.36

(*) Total acres may differ in the second decimal compared to the sum of each acreage soil. This is due to a round error because we only show the acres of each soil with two decimal.

Boundary 1456.12 ac

SOIL CODE	SOIL DESCRIPTION	ACRES	%	CPI	NCCPI	CAP
5433	Knoco-Rock outcrop complex, 15 to 80 percent slopes	236.14	16.22	0	3	7s
5332	Mangum clay, 0 to 1 percent slopes, occasionally flooded	222.56	15.28	0	29	4s
6240	Dale silt loam, rarely flooded	185.26	12.72	0	63	1
6060	Lincoln soils, 0 to 1 percent slopes, frequently flooded	175.97	12.08	0	28	6w
6441	Vernon clay loam, 5 to 15 percent slopes	130.51	8.96	0	29	6e
5312	Clairemont silt loam, 0 to 1 percent slopes, occasionally flooded, cool	108.14	7.43	0	60	2w
5422	Kingfisher silt loam, 1 to 3 percent slopes	69.17	4.75	0	43	3s
6444	Vernon-Knoco complex, 1 to 5 percent slopes	61.27	4.21	0	23	7s
5457	Quinlan-Woodward loams, 6 to 15 percent slopes	55.86	3.84	0	26	6e
5340	Yahola sandy loam, occasionally flooded	53.19	3.65	0	41	2w
6341	Grant silt loam, 1 to 3 percent slopes	42.69	2.93	0	72	2e
9999	Water	31	2.13	0	-	-
5424	Kingfisher-Vernon complex, 3 to 6 percent slopes	18.64	1.28	0	37	3e
6342	Grant silt loam, 3 to 5 percent slopes	18.62	1.28	0	71	3e
6440	Vernon clay loam, 3 to 5 percent slopes	17.05	1.17	0	30	4e
9970	Aquolls	14.56	1.0	0	-	5w
5496	Woodward-Quinlan complex, 3 to 5 percent slopes	7.62	0.52	0	33	3s
5360	Mangum-Drummond complex, rarely flooded	5.06	0.35	0	43	3s
5972	Tivoli fine sand, 5 to 30 percent slopes	2.81	0.19	0	25	7e
TOTALS		1456.12(*)	100%	-	33.09	4.39

(*) Total acres may differ in the second decimal compared to the sum of each acreage soil. This is due to a round error because we only show the acres of each soil with two decimal.

Capability Legend

Increased Limitations and Hazards

Decreased Adaptability and Freedom of Choice Users

Land, Capability



1 2 3 4 5 6 7 8

'Wild Life'

• • • • • • • •

Forestry

• • • • • • • •

Limited

• • • • • • • •

Moderate

• • • • • • •

Intense

• • • • • •

Limited

• • • •

Moderate

• • •

Intense

• •

Very Intense

•

Grazing Cultivation

(c) climatic limitations (e) susceptibility to erosion

(s) soil limitations within the rooting zone (w) excess of water