

FINAL REPORT

2011/2012 Deer Management Program

Town and Country, Missouri

by

White Buffalo, Inc.

29 January 2012

INTRODUCTION

The City of Town and Country contains a matrix of suburban and commercial development, parks, and other open-spaces. The absence of any deer management combined with fertile soils allowed the local deer population to increase to a level incompatible with some land use and human activities prior to our involvement. Although deer physical condition is not an issue, there is ongoing concern regarding numerous deer/vehicle collisions and damage to garden and landscape plantings. This is the third year in which a deer population management program was implemented.

METHODS

Prebaiting was conducted from 5–25 December 2011. Sharpshooting efforts began on 26 December 2011 and continued through 27 January 2012. During the 33-day removal period, 29 days of fieldwork were required to achieve the harvest of 288 deer. No removal efforts were conducted on four days during this time period due to inclement weather.

We followed the operations protocol outlined in the contract and changes agreed to verbally prior to the onset of site preparations. Eighteen sites were available throughout the area of operation. Two sharpshooting sites were restricted by time constraints imposed by the landowner and in turn were only available to be used for a 5 day period during operations.

RESULTS

The entire data set generated from harvested deer is represented in the spreadsheet entitled "City of Town and Country - Deer Harvest: 26 December 2011 – 27 January 2012" (Appendix A). The overall harvest demographics are summarized in Table 1. Harvest by day is summarized in Table 2. Harvest breakdown based on Ward is summarized in Table 3. We expended 791.5 person-hours for the sharpshooting activities (288 deer harvested).

Table 1. Sex and age class of deer harvested in Town and Country, Missouri from 26 December 2011 -27 January 2012.

AGE	# MALE (%)	# FEMALE (%)	# COMBINED
Yearling/Adult	79 (27)	111 (39)	190 (66)
Fawns	55(19)	43(15)	98(34)
Total	134 (46)	154 (54)	288 (100)

Table 2. Number of deer harvested by day during the 33 days of field operations.

DATE	# Harvested	DATE	# Harvested	DATE	# Harvested	DATE	# Harvested
12/26/11	0	1/4/12	13	1/13/12	6	1/22/12	15
12/27/11	21	1/5/12	11	1/14/12	7	1/23/12	8
12/28/11	19	1/6/12	11	1/15/12	6	1/24/12	12
12/29/11	11	1/7/12	9	1/16/12	7	1/25/12	0
12/30/11	8	1/8/12	19	1/17/12	6	1/26/12	6
12/31/11	9	1/9/12	9	1/18/12	6	1/27/12	9
1/1/12	0	1/10/12	7	1/19/12	2		
1/2/12	15	1/11/12	2	1/20/12	10		
1/3/12	14	1/12/12	0	1/21/12	10		

Table 3. Deer harvest by Ward

Ward	# Harvested
1	42 (15%)
2	119 (41%)
3	64 (22%)
4	63 (22%)

Pregnancy rates

It was too early in pregnancy to identify and count fetuses.

Population estimates

See attached population estimation report.

Discussion

Recreational feeding could be a problem in several areas of the City. This absolutely affects our ability to address deer in these areas. One impact of recreational feeding is the diminished efficiency when trying to remove deer in proximity (bait used for management is ineffective if artificial foods are made available elsewhere). Aside from increased costs because

of inefficiency due to recreational feeding, there are compounded safety concerns for the residents of Town and Country by limiting our ability to remove deer in those neighborhoods.

The neighborhoods along and around Thornhill road continue to pose management challenges. With no cooperating landowners and lack of proximate culling sites deer densities continue to remain high in this section of the municipality.

We would like to thank the following individuals and organizations for assistance provided prior to and during the culling period; Fred Meyland-Smith and Lynn Wright, Captain Gary Hoelzer, Tom Thousand, Gene Russo, and John's Butcher Shop (venison processing for charitable donation).

Appendix A

City of Town and Country – Deer Harvest: 27 December 2011- 27 January 2012

Antlered males indicated by *

DATE	TAG #	SEX	AGE	Ward
12/27/11	001	F	2.5	Ward 4
12/27/11	002	F	0.5	Ward 4
12/27/11	003	F	6.5+	Ward 4
12/27/11	004	F	0.5	Ward 4
12/27/11	005	F	3.5	Ward 4
12/27/11	006	F	0.5	Ward 4
12/27/11	007	M*	2.5	Ward 4
12/27/11	008	M*	1.5	Ward 4
12/27/11	009	M*	2.5	Ward 4
12/27/11	010	M	0.5	Ward 2
12/27/11	011	M*	1.5	Ward 2
12/27/11	012	M	0.5	Ward 2
12/27/11	013	M	0.5	Ward 2
12/27/11	014	F	5.5	Ward 2
12/27/11	015	F	0.5	Ward 2
12/27/11	016	F	2.5	Ward 2
12/27/11	017	M*	1.5	Ward 2
12/27/11	018	M*	1.5	Ward 2

12/27/11	019	M	0.5	Ward 2
12/27/11	020	M*	1.5	Ward 2
12/27/11	021	M*	2.5	Ward 2
12/28/11	022	F	0.5	Ward 3
12/28/11	023	M	0.5	Ward 3
12/28/11	024	M	0.5	Ward 3
12/28/11	025	F	4.5	Ward 3
12/28/11	026	F	6.5+	Ward 3
12/28/11	027	F	0.5	Ward 3
12/28/11	028	F	6.5+	Ward 3
12/28/11	029	F	0.5	Ward 3
12/28/11	030	F	2.5	Ward 3
12/28/11	031	F	0.5	Ward 3
12/28/11	032	F	4.5	Ward 3
12/28/11	033	F	0.5	Ward 3
12/28/11	034	M*	3.5	Ward 3
12/28/11	035	M*	3.5	Ward 2
12/28/11	036	M	2.5	Ward 2
12/28/11	037	M	0.5	Ward 2
12/28/11	038	F	6.5	Ward 2
12/28/11	039	F	4.5	Ward 2
12/28/11	040	M	1.5	Ward 2

12/29/11	041	F	3.5	Ward 2
12/29/11	042	M*	3.5	Ward 2
12/29/11	043	F	1.5	Ward 2
12/29/11	044	M	0.5	Ward 2
12/29/11	045	F	1.5	Ward 2
12/29/11	046	M*	3.5	Ward 2
12/29/11	047	M	0.5	Ward 2
12/29/11	048	M	0.5	Ward 2
12/29/11	049	M	0.5	Ward 2
12/29/11	050	M	0.5	Ward 2
12/29/11	051	F	6.5+	Ward 2
12/30/11	052	M*	1.5	Ward 2
12/30/11	053	M*	2.5	Ward 2
12/30/11	054	M*	1.5	Ward 2
12/30/11	055	M*	1.5	Ward 2
12/30/11	056	M*	4.5	Ward 2
12/30/11	057	M*	2.5	Ward 2
12/30/11	058	F	6.5+	Ward 2
12/30/11	059	F	2.5	Ward 2
12/31/11	060	M	0.5	Ward 2
12/31/11	061	F	4.5	Ward 2
12/31/11	062	F	0.5	Ward 2

12/31/11	063	F	1.5	Ward 2
12/31/11	064	F	6.5+	Ward 2
12/31/11	065	M*	3.5	Ward 2
12/31/11	066	M*	2.5	Ward 2
12/31/11	067	M	0.5	Ward 2
12/31/11	068	F	2.5	Ward 2
1/2/12	069	M	0.5	Ward 4
1/2/12	070	F	0.5	Ward 4
1/2/12	071	F	2.5	Ward 4
1/2/12	072	F	6.5+	Ward 4
1/2/12	073	F	1.5	Ward 4
1/2/12	074	M	0.5	Ward 4
1/2/12	075	F	0.5	Ward 4
1/2/12	076	M*	4.5	Ward 4
1/2/12	077	M*	3.5	Ward 4
1/2/12	078	M*	3.5	Ward 4
1/2/12	079	M*	2.5	Ward 4
1/2/12	080	F	0.5	Ward 4
1/2/12	081	F	4.5	Ward 4
1/2/12	082	M	0.5	Ward 4
1/2/12	083	M	0.5	Ward 4
1/3/12	084	M*	3.5	Ward 3

1/3/12	085	M*	2.5	Ward 3
1/3/12	086	M*	4.5	Ward 3
1/3/12	087	M	0.5	Ward 3
1/3/12	088	F	0.5	Ward 3
1/3/12	089	F	2.5	Ward 3
1/3/12	090	F	4.5	Ward 4
1/3/12	091	F	2.5	Ward 4
1/3/12	092	M*	3.5	Ward 4
1/3/12	093	F	0.5	Ward 4
1/3/12	094	F	0.5	Ward 4
1/3/12	095	F	0.5	Ward 4
1/3/12	096	M*	2.5	Ward 4
1/3/12	097	M*	3.5	Ward 4
1/4/12	098	M	0.5	Ward 2
1/4/12	099	F	3.5	Ward 2
1/4/12	100	F	1.5	Ward 2
1/4/12	101	M	2.5	Ward 2
1/4/12	102	M	0.5	Ward 2
1/4/12	103	F	0.5	Ward 2
1/4/12	104	F	6.5+	Ward 2
1/4/12	105	M*	2.5	Ward 2
1/4/12	106	M*	4.5	Ward 2

1/4/12	107	M*	1.5	Ward 2
1/4/12	108	M*	1.5	Ward 2
1/4/12	109	F	2.5	Ward 2
1/4/12	110	F	6.5	Ward 2
1/5/12	111	F	5.5	Ward 2
1/5/12	112	F	3.5	Ward 2
1/5/12	113	F	3.5	Ward 2
1/5/12	114	F	6.5+	Ward 2
1/5/12	115	F	4.5	Ward 2
1/5/12	116	F	0.5	Ward 2
1/5/12	117	F	0.5	Ward 2
1/5/12	118	M	0.5	Ward 2
1/5/12	119	M	0.5	Ward 2
1/5/12	120	M*	1.5	Ward 2
1/5/12	121	M*	2.5	Ward 2
1/6/12	122	F	3.5	Ward 4
1/6/12	123	M	0.5	Ward 4
1/6/12	124	M	0.5	Ward 3
1/6/12	125	F	1.5	Ward 3
1/6/12	126	M*	1.5	Ward 3
1/6/12	127	M*	1.5	Ward 3
1/6/12	128	M*	2.5	Ward 3

1/6/12	129	M*	3.5	Ward 3
1/6/12	130	M*	4.5	Ward 3
1/6/12	131	F	6.5+	Ward 3
1/6/12	132	M	0.5	Ward 3
1/7/12	133	M*	1.5	Ward 4
1/7/12	134	F	6.5+	Ward 4
1/7/12	135	F	1.5	Ward 1
1/7/12	136	M*	1.5	Ward 1
1/7/12	137	F	0.5	Ward 1
1/7/12	138	F	5.5	Ward 1
1/7/12	139	F	6.5+	Ward 1
1/7/12	140	M	0.5	Ward 1
1/7/12	141	F	2.5	Ward 1
1/8/12	142	F	4.5	Ward 4
1/8/12	143	F	2.5	Ward 4
1/8/12	144	M	0.5	Ward 4
1/8/12	145	F	0.5	Ward 4
1/8/12	146	M*	1.5	Ward 1
1/8/12	147	M*	1.5	Ward 1
1/8/12	148	F	6.5+	Ward 1
1/8/12	149	F	0.5	Ward 1
1/8/12	150	M	0.5	Ward 1

1/8/12	151	M*	1.5	Ward 1
1/8/12	152	M*	1.5	Ward 1
1/8/12	153	M	0.5	Ward 1
1/8/12	154	F	0.5	Ward 1
1/8/12	155	M*	2.5	Ward 1
1/8/12	156	F	6.5+	Ward 1
1/8/12	157	F	5.5	Ward 1
1/8/12	158	F	2.5	Ward 1
1/8/12	159	F	3.5	Ward 1
1/8/12	160	F	6.5+	Ward 1
1/9/12	161	F	0.5	Ward 2
1/9/12	162	F	0.5	Ward 2
1/9/12	163	M	0.5	Ward 2
1/9/12	164	F	1.5	Ward 2
1/9/12	165	F	6.5+	Ward 2
1/9/12	166	F	6.5+	Ward 2
1/9/12	167	F	5.5	Ward 2
1/9/12	168	F	2.5	Ward 2
1/9/12	169	M*	1.5	Ward 2
1/10/12	170	F	0.5	Ward 3
1/10/12	171	M	0.5	Ward 3
1/10/12	172	M	0.5	Ward 3

1/10/12	173	M*	1.5	Ward 3
1/10/12	174	F	6.5	Ward 3
1/10/12	175	F	0.5	Ward 3
1/10/12	176	M*	1.5	Ward 3
1/11/12	177	M*	4.5	Ward 1
1/11/12	178	F	1.5	Ward 1
1/13/12	179	M*	2.5	Ward 2
1/13/12	180	F	5.5	Ward 2
1/13/12	181	F	0.5	Ward 2
1/13/12	182	F	6.5+	Ward 3
1/13/12	183	F	1.5	Ward 3
1/13/12	184	F	3.5	Ward 3
1/14/12	185	F	3.5	Ward 2
1/14/12	186	F	1.5	Ward 2
1/14/12	187	F	6.5+	Ward 2
1/14/12	188	F	2.5	Ward 2
1/14/12	189	M*	1.5	Ward 4
1/14/12	190	M*	1.5	Ward 4
1/14/12	191	M	1.5	Ward 4
1/15/12	192	F	6.5+	Ward 1
1/15/12	193	F	0.5	Ward 2
1/15/12	194	F	0.5	Ward 2

1/15/12	195	F	2.5	Ward 2
1/15/12	196	F	6.5	Ward 2
1/15/12	197	F	5.5	Ward 2
1/16/12	198	F	0.5	Ward 3
1/16/12	199	F	0.5	Ward 3
1/16/12	200	F	0.5	Ward 3
1/16/12	201	F	2.5	Ward 3
1/16/12	202	F	4.5	Ward 3
1/16/12	203	M	1.5	Ward 3
1/16/12	204	M	0.5	Ward 3
1/17/12	205	M	4.5*	Ward 2
1/17/12	206	F	2.5	Ward 4
1/17/12	207	F	6.5+	Ward 4
1/17/12	208	F	4.5	Ward 4
1/17/12	209	F	0.5	Ward 4
1/17/12	210	F	3.5	Ward 4
1/18/12	211	F	1.5	Ward 2
1/18/12	212	F	6.5	Ward 2
1/18/12	213	M*	1.5	Ward 2
1/18/12	214	M*	1.5	Ward 2
1/18/12	215	F	1.5	Ward 2
1/18/12	216	M	0.5	Ward 2

1/19/12	217	M	4.5	Ward 4
1/19/12	218	M	0.5	Ward 4
1/20/12	219	F	2.5	Ward 3
1/20/12	220	M*	2.5	Ward 3
1/20/12	221	M	0.5	Ward 3
1/20/12	222	M	0.5	Ward 1
1/20/12	223	M*	1.5	Ward 1
1/20/12	224	F	3.5	Ward 1
1/20/12	225	M	0.5	Ward 1
1/20/12	226	M	0.5	Ward 1
1/20/12	227	F	4.5	Ward 1
1/20/12	228	M	0.5	Ward 1
1/21/12	229	M*	1.5	Ward 4
1/21/12	230	M*	6.5	Ward 1
1/21/12	231	M*	5.5	Ward 1
1/21/12	232	M	0.5	Ward 3
1/21/12	233	M	0.5	Ward 3
1/21/12	234	M	0.5	Ward 3
1/21/12	235	F	0.5	Ward 3
1/21/12	236	F	1.5	Ward 3
1/21/12	237	F	2.5	Ward 3
1/21/12	238	F	5.5	Ward 3

1/22/12	239	F	0.5	Ward 4
1/22/12	240	F	3.5	Ward 4
1/22/12	241	F	1.5	Ward 4
1/22/12	242	F	2.5	Ward 4
1/22/12	243	F	2.5	Ward 4
1/22/12	244	M	1.5*	Ward 2
1/22/12	245	M	1.5*	Ward 2
1/22/12	246	F	6.5	Ward 2
1/22/12	247	F	0.5	Ward 2
1/22/12	248	M	0.5	Ward 2
1/22/12	249	M*	5.5	Ward 2
1/22/12	250	M*	4.5	Ward 2
1/22/12	251	F	2.5	Ward 2
1/22/12	252	M*	1.5	Ward 2
1/22/12	253	M	0.5	Ward 2
1/23/12	254	F	6.5+	Ward 2
1/23/12	255	F	1.5	Ward 2
1/23/12	256	M	4.5*	Ward 4
1/23/12	257	F	3.5	Ward 4
1/23/12	258	F	1.5	Ward 4
1/23/12	259	F	0.5	Ward 4
1/23/12	260	F	5.5	Ward 2

1/23/12	261	M	0.5	Ward 2
1/24/12	262	M*	2.5	Ward 2
1/24/12	263	F	2.5	Ward 2
1/24/12	264	F	0.5	Ward 2
1/24/12	265	M	0.5	Ward 2
1/24/12	266	M*	2.5	Ward 1
1/24/12	267	F	0.5	Ward 1
1/24/12	268	F	6.5+	Ward 1
1/24/12	269	M*	1.5	Ward 1
1/24/12	270	F	3.5	Ward 1
1/24/12	271	F	6.5+	Ward 1
1/24/12	272	F	0.5	Ward 1
1/24/12	273	M*	2.5	Ward 1
1/26/12	274	F	6.5+	Ward 4
1/26/12	275	M	0.5	Ward 4
1/26/12	276	M	0.5	Ward 4
1/26/12	277	F	1.5	Ward 2
1/26/12	278	F	5.5	Ward 2
1/26/12	279	M	0.5	Ward 2
1/27/12	280	F	6.5+	Ward 3
1/27/12	281	M	0.5	Ward 3
1/27/12	282	M	0.5	Ward 3

1/27/12	283	F	1.5	Ward 3
1/27/12	284	F	6.5+	Ward 3
1/27/12	285	F	0.5	Ward 3
1/27/12	286	M	0.5	Ward 3
1/27/12	287	F	1.5	Ward 3
1/27/12	288	F	1.5	Ward 3