CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: November 2, 2020

ITEM: Resolution – Approval of West Des Moines Deer Management Zone – 104 S. 1st Street

FINANCIAL IMPACT: There will be a minimal cost for signage to designate the hunting zone.

BACKGROUND: The City's hunting ordinance (Title 5, Chapter 2, Offences, Section 30, "Hunting") allows for the City Council to designate West Des Moines Deer Management Zones (WDMDMZ) on public and private property within the city limits by a resolution of the City Council. Hunting within these zones must take place in accordance with all regulations established in Section C of the hunting ordinance.

Due to the large number of deer in the area along the Raccoon River, staff is recommending that a new WDMDMZ be established in a section of publicly owned greenway along the Raccoon River. The proposed area is a parcel recently acquired by the City which will ultimately be utilized for additional recreational purposes. There are currently no developed park facilities within the zone area. See attached map for specific location.

If approved by the Council, hunting would begin this year during the second hunting season beginning December 1st. This would be the same hunting season that is currently used in both Southwoods Park and Raccoon River Park. Going forward, staff would propose that the hunting season for this location be the same as Raccoon River Park and Southwoods Park, which begins on October 1st of each year and runs through the end of the season as designated by the Iowa Department of Natural Resources. The end of the 2020-2021 season would be January 24, 2021.

All hunters will be required to apply for a City permit through the Parks and Recreation Department and need to meet all requirements of the Controlled Bowhunt Program. An orientation will take place with each hunter to ensure that they are knowledgeable of all rules and regulations prior to any hunting. Signs similar to those used in Southwoods Park and Raccoon River Park will be installed to notify park users of hunting activity. Since rules and regulations are in place to ensure safety, and there have been no safety issues since the program was initiated in West Des Moines in 2004, no areas of this property are planned to be closed to the public during the hunting season.

This item was discussed at the Public Safety Council Sub-committee meeting on October 2, 2020 with both members supporting the proposed zone. Public notice, location map and guidelines were mailed to adjacent property owners on October 13, 2020, with no comments or concerns returned.

BACKGROUND: A copy of the 2019-2020 Polk County Controlled Bowhunt Report is attached for your information.

OUTSTANDING ISSUES: None

RECOMMENDATION: That the City Council approve the Resolution.

Lead Staff Member: David Sadler, Superintendent of Parks D.S.

STAFF REVIEWS

Department Director	Sally Ortgies, Director of Parks and Recreation
Appropriations/Finance	Tim Stiles, Finance Director
Legal	Richard Scieszinski, City Attorney
Agenda Acceptance	

PUBLICATION(S) (if applicable)

Published In	
Dates(s) Published	

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Safety		
Date Reviewed	October 2, 2020		
Recommendation	Yes		

RESOLUTION NO._____

RESOLUTION DESIGNATING A WEST DES MOINES DEER MANAGEMENT ZONE AT 104 S. 1ST STREET

WHEREAS, Section 5-2-30 of the West Des Moines City Code provides that the City Council may designate by resolution areas within the City as a West Des Moines Deer Management Zone to allow the controlled bow hunting of deer within such a zone under the rules of that section to control deer population within the City; and

WHEREAS, said designation may occur on public and park lands; and

WHEREAS, there is currently a need to control the deer population in and along the Raccoon River.

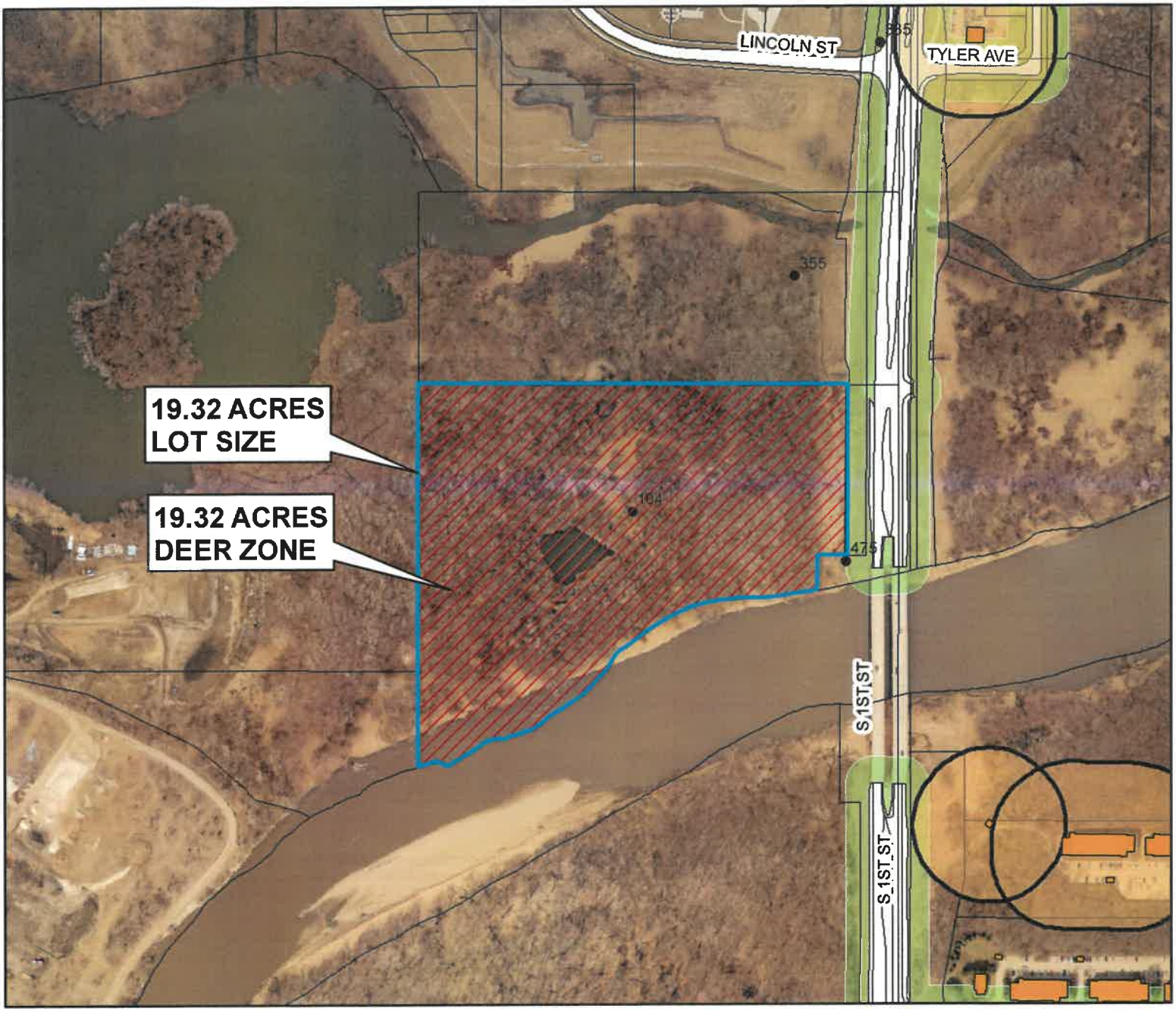
NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA THAT the area of 104th S. 1st Street as designated in the attached exhibit "A" is declared a West Des Moines Deer Management Zone pursuant to Section 5-2-30 of the West Des Moines City Code, and shall be subject to the rules provided therein and any additional regulations promulgated pursuant to the West Des Moines City Code.

PASSED AND ADOPTED this 2nd day of November, 2020.

_____
Steven K. Gaer, Mayor

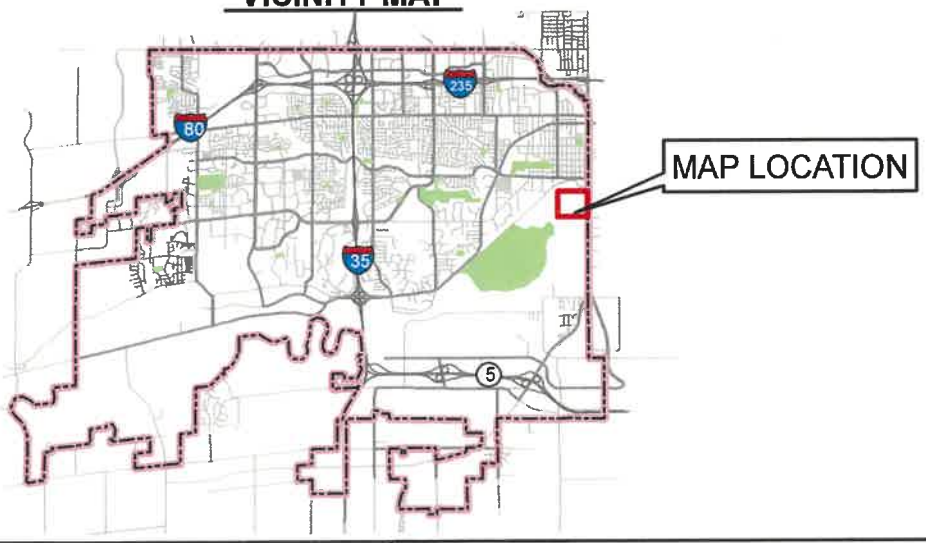
ATTEST:

_____
Ryan Jacobson, City Clerk



*2018 Polk County Aerial

VICINITY MAP



Legend

- Existing Building
- 200' Building Setback
- Existing Street
- 75' Road Setback
- Identified Parcel
- Potential Deer Management Zone

0 125 250 500 Feet

THE CITY OF WEST DES MOINES

CITY OF WEST DES MOINES
DEPARTMENT OF PARKS AND RECREATION
PARKS DIVISION

4200 MILLS CIVIC PKWY (515) 222-3444
WEST DES MOINES, IOWA 50265
FAX. NO. (515) 222-3459

PROJECT:	DEER MANAGEMENT ZONE		
LOCATION:	104 S 1ST ST		
AUTHOR: maa	DATE: 8/31/2020	SCALE: -	SHEET: 1 of 1

N

Polk County Controlled Bow-Hunt
2019-2020 Deer Report

Executive Summary

Post Season Reports

Aerial Survey Results

Bow-Hunt Administrators

Advisory Organizations

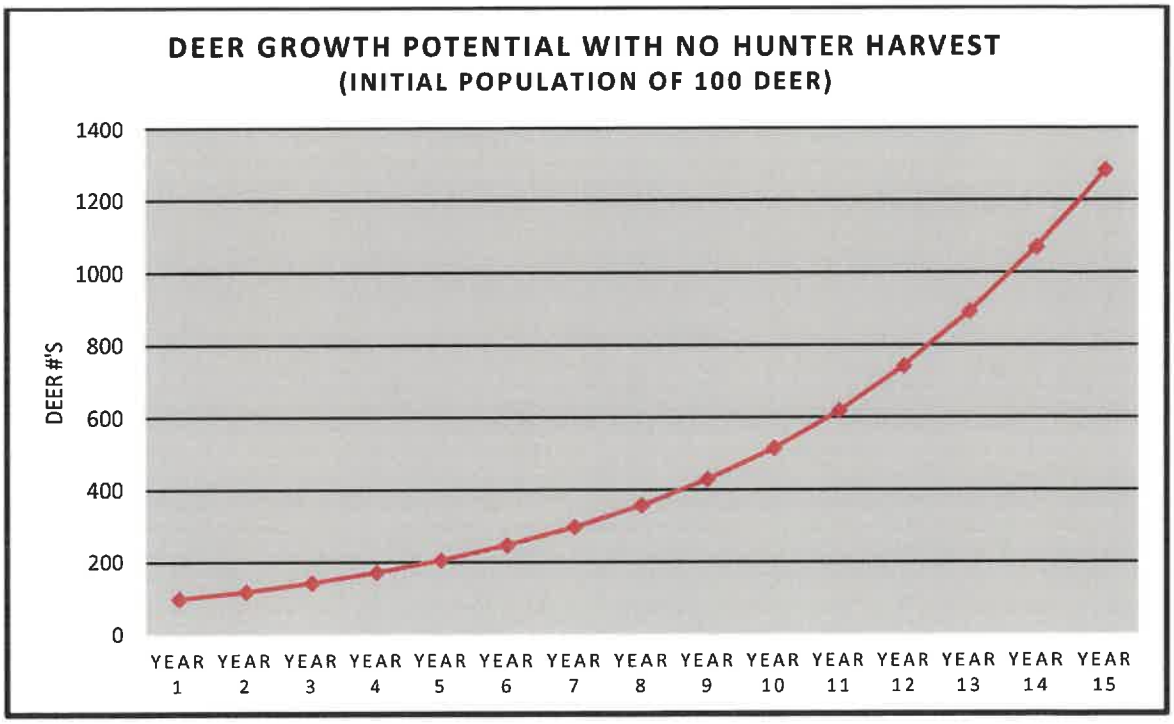
Compiled by the
Polk County Deer Task Force

The Polk County Deer Task Force believes that the White-tailed deer is a valuable part of our natural heritage. We support the perpetuation of the deer population in Polk County at ecologically acceptable levels.

-1997 Position Statement of the Polk County Deer Task Force

Executive Summary

Based on harvest records and agency observations, it is recommended that the Polk County Controlled Bow-Hunt should be continued for the 2020-2021 season throughout the Polk County Deer Management Zone. Agencies are encouraged to continue or expand hunting opportunities in their areas of control. Deer population numbers may have been reduced to target goals in some areas but still remain higher in neighborhood habitats where hunting may not be a control option. Agencies may need to remember that an uncontrolled deer population can double every three to four years. Continued hunting pressure within the Deer Management Zone has produced remarkable results in managing deer populations across the area.



The graph above depicts potential population growth of a deer herd where no hunting is allowed. The growth takes into account average population structure based on probable gender and age distribution. Considerations are also given to related fecundity rates. Distribution of these animals over time and as densities increase can vary. A relatively confined population will probably contribute to an increase in deer numbers over an increasingly larger geographical area over time.

Post Season Reports

Hunting Season

This year the IDNR allowed participating entities to use September 14, 2019 through January 26, 2020, for the Polk County Deer Management Zone bow-hunting season. Agencies could choose to use these dates for their season, or tailor their hunt to suit individual needs (as long as the dates were within the allowable season above). Pending approval from the Natural Resource Commission, the proposed hunt dates for the 2020 - 2021 season will be September 19, 2020 through January 24, 2021.

Deer Harvest

Agencies reported that 278 antlerless deer were harvested during the 2019-2020 bow-hunt, which is a decrease from 318 in the 2018-2019 season.
A total of 310 antlerless deer harvested in the Polk County Deer Management Zone (including antlerless deer harvested in Camp Dodge with shotgun/muzzle).
20 incentive bucks were harvested during the 2019-2020 bow-hunt
A total of *355 deer were harvested during the 2019-2020 season.
* Count includes Camp Dodge (shotgun and muzzle any sex-tags)

Proficiency Testing

Archery Field and Sports administered proficiency testing to hunt participants. 151 proficiency tests were taken by 148 hunters. 124 tested with a compound bow, 6 with a re-curve bow, and 18 with a crossbow.

Hunter Participation

174 total hunters purchased zone 48 tags
105 hunters tagged at least 1 deer
69 hunters did not tag a deer

Safety Record

No injuries were reported from hunters, neighbors or park visitors

Licenses Sold

The Polk County Deer Management Zone is divided into two zones.
1000 licenses were available for zone 48 which includes all of the cities, Polk County Conservation areas and U.S. Army Corps of Engineers areas.
75 licenses were available in zone 61 which is comprised of mostly rural areas not included in zone 48. Hunters purchased 546 antlerless licenses in zone 48 and 18 antlerless licenses in zone 61 for use in the Polk County Deer Management Zone.

Polk County Deer Surveys: 2019-2020

By Andy Kellner
Iowa DNR

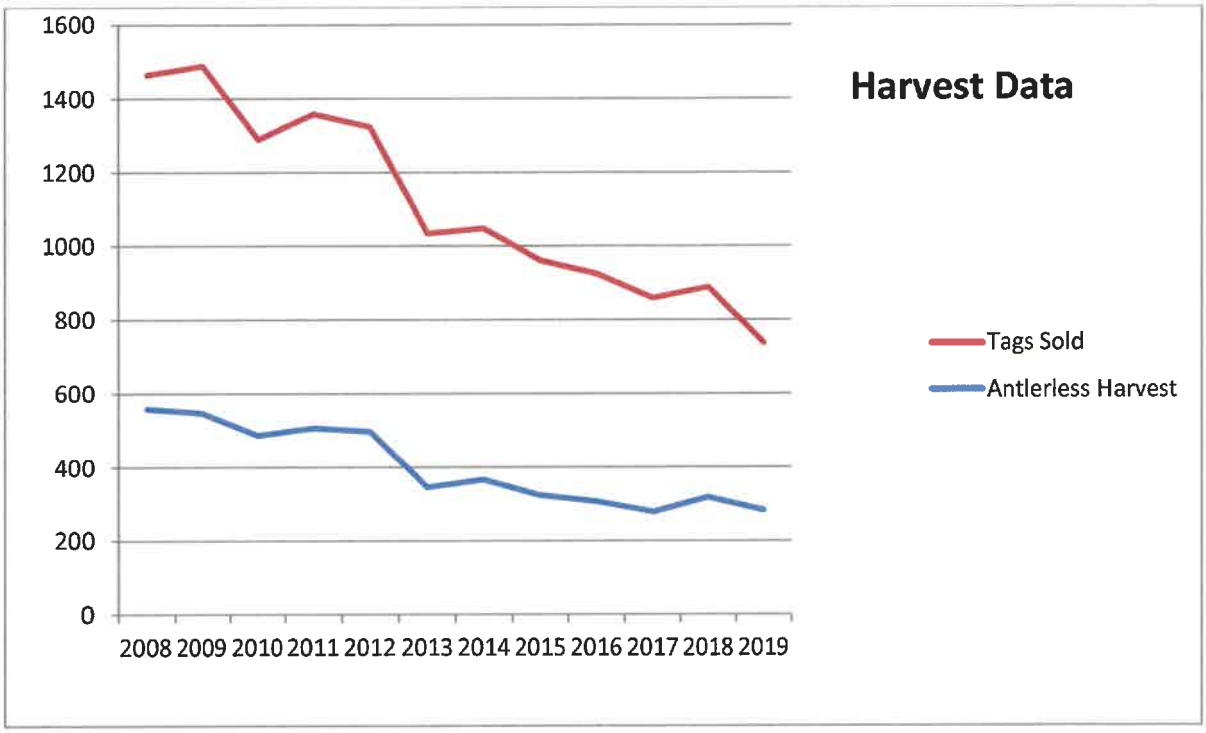
Helicopter surveys were not conducted this year as weather conditions after the hunting season were not optimal. The following graphs give a simple depiction of license sales and resulting antlerless harvest as well as hunter success rate in the Polk/Dallas deer management zone. Since 2012, antlerless harvest has slightly declined while there has been a continued drop in license sails. This may reflect some decreased opportunity for hunters or signify a reduction in harvest opportunity due to lower overall deer numbers since the inception of this hunt. This year specifically, some of the license drop and subsequent harvest decrease may be attributable to Epizootic Hemorrhagic Disease (see below). The second graph, depicting harvest rate also known as success rate on antlerless licenses, has been fairly constant to slightly increasing over this time period. The relatively high success rate is carried in part by the button buck harvest over time but can also be attributed to the more successful hunters remaining a part of this program.

A note about Epizootic Hemorrhagic Disease: Often referred to simply as EHD or 'blue tongue', this disease affects deer during occasional outbreaks in Iowa. It is often tied to specific weather patterns and habitat conditions that lead to increased mudflats and concentrated water sources. This creates prime breeding habitat for biting midges which transmit the disease to deer. The deer population in Iowa is naïve to this disease and localized high mortality events are common during outbreaks. Increased observations of dead deer near bodies of water in south central Iowa in 2019 was due to an EHD outbreak. This led to lower license sales and the associated decrease in harvest in certain regions of the state including in and around the Des Moines Metro.

This year also marked the first attempt at conducting a bowhunter observation survey in this deer management zone. Surveys were handed out to participating hunters and they recorded all observations of deer and other wildlife species which mirrors that statewide bowhunter survey conducted by the Iowa DNR. While not much can be summarized after the first year, if continued this survey will collect valuable information that can be used to assess trends in deer populations for the Polk/Dallas management zone.

There were 56 bowhunter surveys in 2019 turned in this year which is approximately a 32% return rate on the surveys. While this is a statistically significant number, the Task Force hopes to increase that return rate to produce stronger data for the long term. This can be done through increased information getting to the hunters, improvements to survey methodology (e.g. survey app available on mobile devices), hunt administrators requiring the survey to be completed, and/or incentives for completing the surveys.

Some of the highlights from the completed surveys during its first year include total hours hunted, number of hunting trips, average number of hours per hunting trip, and total deer observed. Hunters recorded 823 hunting trips for a total of 2013 hours in the stand. The average hunting trip was just less than 2.5 hours. Hunters observed deer 2651 times with approximately 64% of those observations being antlerless deer. More information will be able to be determined in future years from a stronger data set.


Harvest Data
1600
1400
1200
1000
800
600
400
200
0
2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Tags Sold
Antlerless Harvest

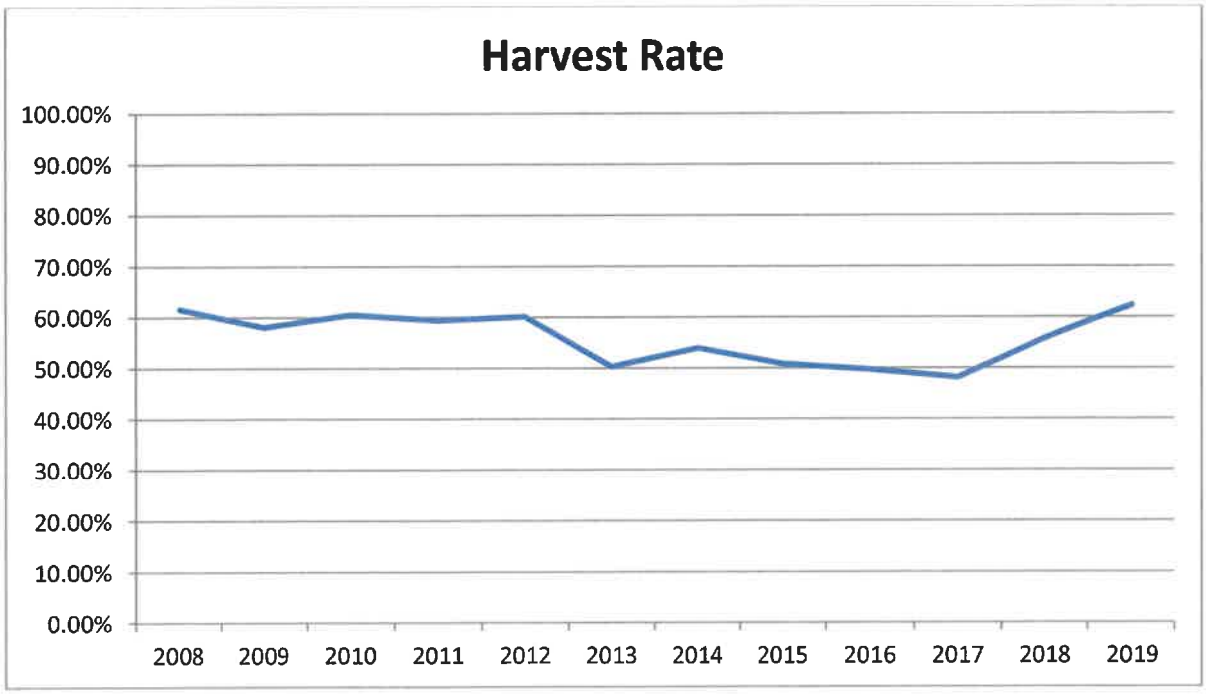

Harvest Rate
100.00%
90.00%
80.00%
70.00%
60.00%
50.00%
40.00%
30.00%
20.00%
10.00%
0.00%
2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019

Table 1. Results from the helicopter deer surveys in Polk county, 1996 to present.

Urban Areas Surveyed	Area (Square Miles)	Deer Sighted 1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2018	2019
Water Works Park Area	3.91	100	159	206	204	136	88	105	102	134	130	37	58	63	51	46	35	21	35	46	91	101
D.M, South of Grand	1.37			56	45	39	50	49	36	63	56	18	53	66	49	55	28	28	29	18	41	60
DSM airport west-63rd*	1.78												150	164	188	103	76	76	74	49		
Browns & Walnut Woods	4.20	43	132	149	106	128	86	91	155	226	167	137	301	216	232	151	189	182	238	165	153	159
Easter Lake & DSM River East	6.74	26	43	58	135	145	110	163	132	146	239	84	418	233	209	254	195	142	174	112	127	93
Yellow Banks & DSM River	1.75	24	52	62	77	67	122	81	98	77	78	29	110	92	77	61	33	19	51	44	40	30
Four Mile Creek:																						
I80 -Des Moines River	5.29	7	41	51	99	79	39	83	87	100	107	118	174	165	179	164	87	113	114	91	50	47
*Pleasant Hill west**	0.93											*48*	*71*	*59*	*86*	*63*	*53*	*43*	*70*	*71*	*63*	*128*
Pleasant Hill east	2.27											25	31	150	162	128	90	71	138	123	126	
North of I-80	4.45	58	128	128	158	117	103	86	80	104	127	16	124	202	136	177	125	71	98	167	176	118
Margo Frankel Woods	0.78	15	14	35	4	23	12	6	0	28	15	8	15	15	17	25	18	21	14	12	2	7
Rock Creek	2.91	26	74	38	51	49	79	24	39	44	27	52	66	92	58	47	41	46	34	33	38	23
Des Moines River:																						
Saylorville Dam-Riverview Park	4.66	83	115	83	150	124	122	162	209	296	184	153	278	238	143	155	150	123	193	148	200	170
*North of I-80**	2.81													*175*	*122*	*124*	*111*	*82*	*118*	*97*	*138*	*106*
*South of I-80**	1.85													*63*	*21*	*31*	*39*	*41*	*75*	*51*	*62*	*64*
Jordan Creek/South Woods	0.26									63	56	38	10	25	35	30	33	15	17	14	18	18
Quail Park- W. DSM	0.90																		101	92		35
Walnut Creek:																						
Raccoon River to I-80	0.79	0	1	7	5	23	14	14	25	42	19	30	50	19	40	40	27	22	13	11	33	11
*Clive Area; west of I-35**	0.30													*23*	*15*	*10*	*5*	*8*	6	4	3	9
Living History Farms	0.41				20	20	10	42	16	34	26	30	25	43	23	17	24	18	22	29	14	51
West of I-80	1.38	59	229	285	261	270	225	146	203	336	177	227	340	172	147	186	170	127	154	111	152	103
Beaver Creek (Johnston)	0.59													100	74	80	61	27	74	68	68	68
Polk City Barrier Dam Refuge	3.11	41	92	117	133	125	89	113	135	230	135	89	198	150	166	268	142	118	99	81	114	87
Total	**53.44**	**482**	**1,080**	**1,275**	**1,448**	**1,345**	**1,149**	**1,165**	**1,317**	**1923**	**1543**	**1091**	**2401**	**2205**	**1986**	**1987**	**1524**	**1240**	**1678**	**1418**	**1446**	**1190**
Rural Areas																						
Saylorville Reservoir																						
Camp Dodge	2.23	55	71	93	105	108	69	73	68	195	165	148	234	148	109	93	107	49	91	101	64	82
Dam to MLB (west side)	1.92		61	62	24	38	34	61	50	109	46	67	98	114	86	136	84	115	94	36	20	36
Dam to MLB (east side) *a*	2.55		41	72	94	83	85	86	50	137	94	55	66	127	91	90	105	110	67	67	97	83
MLB to Hwy 17 (east side)	4.18		35	33	53	77	80	-	-		142	123	124	208	134	178	179	201	225	184	126	57
Jester Park, MLB to Bridge to Hwy 17	4.82	88	158	161	95	95	132	127	108	189	82	110	133	221	165	187	201	238	132	133	118	56
Total (excluding Barrier Dam Refuge)	**16**	**143**	**366**	**421**	**371**	**401**	**400**	**347**	**276**	**630**	**529**	**503**	**655**	**818**	**585**	**684**	**676**	**713**	**609**	**521**	**425**	**314**

*New survey area, 2007.

a - does not include Barrier Dam Refuge area

Table 1. Results from the helicopter deer surveys in Polk county, 1996 to present.

Urban Areas Surveyed	Deer per Square Mile																					Change (2013 to 2019)
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2018	2019	
Water Works Park Area	26	41	53	52	35	23	27	26	34	33	9	15	16	13	12	9	5	9	12	23	26	189%
D.M, South of Grand	0	0	41	33	28	36	36	26	46	41	13	39	48	36	40	20	20	21	13	30	44	110%
DSM airport west-63rd*												84	92	106	58	43	43	42	28	0	0	-100%
Browns & Walnut Woods	10	31	35	25	30	20	22	37	54	40	33	72	51	55	36	45	43	57	39	36	38	-33%
Easter Lake & DSM River East	4	6	9	20	22	16	24	20	22	35	12	62	35	31	38	29	21	26	17	19	14	-46%
Yellow Banks & DSM River	14	30	35	44	38	70	46	56	44	45	17	63	53	44	35	19	11	29	25	23	17	-41%
Four Mile Creek:																						
I80 -Des Moines River	1	8	10	19	15	7	16	16	19	20	22	33	31	34	31	16	21	22	17	9	9	-59%
*Pleasant Hill west**											48	71	63	92	68	57	46	75	76	68	138	84%
Pleasant Hill east											26	31	66	71	56	40	31	61	54	56		
North of I-80	13	29	29	36	26	23	19	18	23	29	4	28	45	31	40	28	16	22	38	40	27	23%
Margo Frankel Woods	19	18	45	5	29	15	8	0	36	19	10	19	19	22	32	23	27	18	15	3	9	-50%
Rock Creek	9	25	13	18	17	27	8	13	15	9	18	23	32	20	16	14	16	12	11	13	8	-33%
Des Moines River:																						
Saylorville Dam-Riverview Park	18	25	18	32	27	26	35	45	64	39	33	60	51	31	33	32	26	41	32	43	36	-12%
*North of I-80**													62	43	44	40	29	42	35	49	38	-10%
*South of I-80**													34	11	17	21	22	41	28	34	35	-15%
Jordan Creek/South Woods	0								242	215	146	38	96	135	115	127	58	65	54	69	69	6%
Quail Park- W. DSM																		112	102	0	39	-65%
Walnut Creek:																						
Raccoon River to I-80	0	1	9	6	29	18	18	32	53	24	38	63	24	51	51	34	28	16	14	42	14	-13%
*Clive Area; west of I-35**													77	50	33	17	27	20	13	10	30	50%
Living History Farms				49	49	24	102	39	83	63	73	61	105	56	41	59	44	54	71	34	124	130%
West of I-80	43	166	207	189	196	163	106	147	243	128	164	246	125	107	135	123	92	112	80	110	75	-33%
Beaver Creek (Johnston)													169	125	136	103	46	125	115	115	115	-8%
Polk City Barrier Dam Refuge	13	30	38	43	40	29	36	43	74	43	29	64	48	53	86	46	38	32	26	37	28	-13%
Total	**9**	**20**	**24**	**27**	**25**	**22**	**22**	**25**	**36**	**29**	**20**	**45**	**41**	**37**	**37**	**29**	**23**	**31**	**27**	**27**	**22**	-29%
Rural Areas																						
Saylorville Reservoir																						
Camp Dodge	25	32	42	47	48	31	33	30	87	74	66	105	66	49	42	48	22	41	45	29	37	-10%
Dam to MLB (west side)	-	32	32	13	20	18	32	26	57	24	35	51	59	45	71	44	60	49	19	10	19	-61%
Dam to MLB (east side) *a*	-	16	28	37	33	33	34	20	54	37	22	26	50	36	35	41	43	26	26	38	33	27%
MLB to Hwy 17 (east side)	-	8	8	13	18	19	-	-	-	34	29	30	50	32	43	43	48	54	44	30	14	-74%
Jester Park, MLB to Bridge to Hwy 17	18	33	33	20	20	27	26	22	39	17	23	28	46	34	39	42	49	27	28	24	12	-56%
Total (excluding Barrier Dam Refuge)	-	**23**	**27**	**24**	**26**	**25**	**22**	**18**	**40**	**34**	**32**	**42**	**52**	**37**	**44**	**43**	**45**	**39**	**33**	**27**	**20**	-49%

*New survey area, 2007.
a - does not include Barrier Dam Refuge area

Bow-Hunt Administrators

- City of Des Moines: Mike Gaul 515-248-6329
  -Administers public and private property bow-hunting

- City of Johnston: Jim Sanders 515-727-7760
  -Administers public and private property bow-hunting

- Polk County Conservation: Charlie Finch 515-250-1031

- US Army Corps of Engineers (Saylorville Lake): Coty Thompson 515-276-4656 x6514

- City of Urbandale: Holly Pickett 515-278-3910
  -Administers public and private property bow-hunting

- Walnut Woods State Park (IDNR): Josh Shipman 515-285-4502

- City of West Des Moines: Dave Sadler 515-222-3456
  -Administers public and private property bow-hunting

- City of Clive: Jeff Theilen 515-238-0648 / Joel Pasco 515-210-7581
  -Administers public property bow-hunting

- City of Pleasant Hill: Rick Courcier 515-208-8214 / Heath Ellis 515-208-5212
  -Administers public and private property bow-hunting

Advisory Organizations

The following organizations serve in an advisory capacity to the Polk County Deer Task Force (in addition to the organizations listed above).

- Iowa Dept. of Natural Resources: Andy Kellner 515-975-8318
- City of Ankeny, City of Des Moines Animal Control, City of Grimes, Dallas County Conservation Board, Des Moines Water Works
- Archery Field and Sports, Des Moines Audubon, Des Moines Founders' Garden Club, Des Moines Izaak Walton League, IDNR Law Enforcement, Iowa Bow Hunters Assoc. (IBA), National Field Archery Association, Polk County Conservation Board, Polk County Board of Supervisors, Sierra Club and Westwood Neighborhood Association.

2019 - 2020 Deer Harvest

POLK-DALLAS URBAN ZONE 48

A. **Polk County Conservation (PCC) Public Areas:** Charlie Finch 515-250-1031

	Incentive Buck	Shed Antlered Buck	Button Buck	Doe
Jester Park	1	1	7	25
Incentive Buck (6 allotted)				
Sycamore Trail (includes Area C in Johnston)	1	0	0	11
Incentive Buck (2 allotted)				
Easter Lake	0	0	0	2
Incentive Buck (0 allotted)				
Brown's Woods	1	0	0	15
Incentive Buck (3 allotted)				
Thomas Mitchell Park	0	0	0	5
Incentive Buck (0 allotted)				
Mally's Weh-Weh-Neh-Kee Park	0	0	0	1
Incentive Buck (0 allotted)				
Four Mile Greenbelt	0	0	0	4
Incentive Buck (0 allotted)				
Yellow Banks Park	1	0	0	0
Incentive Buck (1 allotted)				
Gay Lea Wilson East Trail	0	0	0	0
Incentive Buck (0 allotted)				
Polk County Conservation (PCC) Harvest Total	**4**	**1**	**7**	**63**

B. **City of Clive Public Areas:** Jeff Theilen 515-238-0648 / Joel Pasco 515-210-7581

	Incentive Buck	Shed Antlered Buck	Button Buck	Doe
West of I-80	0	0	1	3
Greenbelt Park: East of NW 114th	0	0	0	7
Incentive Buck (1 allotted)				
Sub-total	**0**	**0**	**1**	**10**
City of Clive Private Property				
None at present date	0	0	0	0
Sub-total	**0**	**0**	**0**	**0**
City of Clive Harvest Total	**0**	**0**	**1**	**10**

C. **City of Des Moines Public Areas:** Michael Gaul 515-248-6329

	Incentive Buck	Shed Antlered Buck	Button Buck	Doe
Cases Lake: Hartford Ave	0	0	1	6
Crocker Woods: Prospect Rd. & Hickman Rd.	0	0	0	0
Ewing Park	0	0	0	1
Laurel Hill Woods	0	0	0	3
MacRae Park	0	0	0	1
Pioneer Park	0	0	0	5
Ashworth Park	1	0	3	8
Incentive Buck (3 allotted)				
Sub-total	**1**	**0**	**4**	**24**

City of Des Moines Private Property

	Incentive Buck	Shed Antlered Buck	Button Buck	Doe
SW / Airport Area	0	0	0	0
(South of Waterworks Park, West of Fleur to limits)				
SE / Easter Lake and Ewing Parks Area	0	0	3	11
(SE 14th east, South of DM River to Limits				
South of Grand Area	6	0	6	22
(West of Terrace Hill to 63rd, South of University to Waterworks)				
MacRae Park Area	1	0	0	3
Prospect / Beaverdale Park Area	0	0	0	9
East Area (East and Northeast area of city)	2	0	4	11
Incentive Buck (14 allotted)				
Sub-total	**9**	**0**	**13**	**56**
City of Des Moines Harvest Total	**10**	**0**	**17**	**80**

D. **Des Moines Water Works:** Jessica Barnett

	Incentive Buck	Shed Antlered Buck	Button Buck	Doe
2201 George Flagg Parkway, 50321	0	0	0	0
Des Moines Water Works Harvest Total	**0**	**0**	**0**	**0**

E. **City of Johnston Public Areas:** Jim Sanders 515-727-7760

	Incentive Buck	Shed Antlered Buck	Button Buck	Doe
Area A: Army Corps of Engineers (See USACE Totals)				
Area C: Sycamore Trail (See PCC totals)				
Area E: City of Johnston - 156 Acres	0	0	0	10
Incentive Buck (1 allotted)				
Sub-total	**0**	**0**	**0**	**10**
City of Johnston Private Property				
Private Property	0	0	0	2
Incentive Buck (1 allotted)				
Sub-total	**0**	**0**	**0**	**2**
City of Johnston Harvest Total	**0**	**0**	**0**	**12**

F. **City of Pleasant Hill:** Rick Courcier 515-208-8214 / Heath Ellis 515-208-5212

	Incentive Buck	Shed Antlered Buck	Button Buck	Doe
Polk County Property (See Polk County Totals)				
City Property	1	1	0	8
Private Property	0	0	0	3
Incentive Buck (1 allotted)				
City of Pleasant Hill Harvest Total	**1**	**1**	**0**	**11**

G. **City of Urbandale Public Areas:** Holly Pickett 515-278-3910

	Incentive Buck	Shed Antlered Buck	Button Buck	Doe
City Parks	0	0	0	2
Incentive Buck (1 allotted)				
Sub-total	**0**	**0**	**0**	**2**
City of Urbandale Private Property				
Living History Farms (LHF) (West of I-35)	3	0	1	9
Incentive Buck (3 allotted)				
Other Private Property	0	1	0	20
Incentive Buck (3 allotted)				
Sub-total	**3**	**1**	**1**	**29**
City of Urbandale Harvest Total	**3**	**1**	**1**	**31**

H. **City of West Des Moines Public Areas:** David Sadler 515-222-3456

	Incentive Buck	Shed Antlered Buck	Button Buck	Doe
South Woods	1	0	0	3
Incentive Buck (2 allotted)				
Sub-total	**1**	**0**	**0**	**3**
City of West Des Moines Private Property				
Incentive Buck (1 allotted)	1	0	0	8
Sub-total	**1**	**0**	**0**	**8**
City of West Des Moines Harvest Total	**2**	**0**	**0**	**11**

I. **USACE: (Corps of Engineers):** Coty Thompson 515-276-4656 x6514

	Incentive Buck	Shed Antlered Buck	Button Buck	Doe
Saylorville	0	0	1	28
(No Buck Incentive Issued for this area)				
Polk City Refuge	0	0	0	0
(No Buck Incentive Issued for this area)				
USACE Harvest Total	**0**	**0**	**1**	**28**

J. **Walnut Woods State Park:** Josh Shipman 515-285-4502

	Incentive Buck	Shed Antlered Buck	Button Buck	Doe
Walnut Woods State Park	0	0	0	1
(No Buck Incentive Issued for this area)				
Walnut Woods State Park Harvest Total	**0**	**0**	**0**	**1**

K. **Polk City:** Matt Aswegan 515-984-6565

	Incentive Buck	Shed Antlered Buck	Button Buck	Doe
Polk City	0	0	1	0
(No Buck Incentive Issued for this area)				
Polk City Harvest Total	**0**	**0**	**1**	**0**

Total Doe Harvested Zone 48	**247**
Total Incentive Bucks Harvested Zone 48	**20**
Total Shed Antlered Bucks Harvested Zone 48	**3**
Total Button Bucks Harvested Zone 48	**28**

Antlerless tags available zone 48	**1000**	**Sold**	**546**
Incentive Buck Tags available Zone 48	**50**	**Sold**	**48**

L.

IDNR ELECTRONIC LICENSING (ELSI) Zone 48					
		Buck	Shed Antlered Buck	Button Buck	Doe
		24	2	38	248
ELSI	**Harvest Total**	**24**	**2**	**38**	**248**

ELSI harvest totals for zone 48 are displayed to show reporting discrepancies by hunters to both administrating agencies and IDNR.

POLK-DALLAS RURAL ZONE 61

M.

Camp Dodge: Shannan Garretson 515-252-4648					
		Buck**	Shed Antlered Buck	Button Buck	Doe
Archery / Shotgun / Muzzle loader		25	0	9	20
**Buck (Normal seasons and any-sex tags allowed)					
Camp Dodge	**Harvest Total**	**25**	**0**	**9**	**20**

N.

IDNR ELECTRONIC LICENSING (ELSI) Zone 61					
		Buck	Shed Antlered Buck	Button Buck	Doe
		0	0	1	2
ELSI	**Harvest Total**	**0**	**0**	**1**	**2**

Total Antlerless Deer Harvested Zone 61 **32**
Total Bucks Harvested Zone 61 **25**

Antlerless tags available zone 61 **75** **Sold** **18**

Antlerless Deer Harvested **Total** **310**

* Count including Camp Dodge (shotgun/muzzle) and ELSI zone 61

Incentive Bucks **Total** **20**
Bucks: Camp Dodge and ELSI zone 61** **Total** **25**
**Normal seasons (shotgun/bow) and any-sex tags allowed

Total Deer Harvested 355