MEMORANDUM

TO: Honorable Mayor Renner and City Council

FROM: Mark Moran, City Administrator

DATE: March 30, 2023

RE: Archery Deer Hunting Program—Year End Report

January 15 marked the end of the fifth year of the Archery Deer Hunting Program. The program was established to better control the deer population after a January 2018 aerial count located 136 deer in the city limits. The Illinois Department of Natural Resources (IDNR) has suggested that 40-80 deer would be a reasonable biological carrying capacity in the Galena city limits. I am writing to provide you with the results of the 2022-23 hunting program.

Recap

The 2022-23 program began on August 8 with the city council reauthorizing the program. Numerous preparatory activities and public notifications occurred thereafter and up to the beginning of the hunting season on October 1. The full program schedule is included as Appendix A.

Prior to the start of the hunt, the city council approved 12 hunting sites, eight on private property and four on city-owned property. This was an increase of two hunting sites from the previous year. The two new sites are both owned by Andrew Stangl on Donnegan Street.

To participate in the program, each hunting applicant must successfully complete a bow shooting proficiency test. Hunters who qualified in any of the first four years were not required to qualify this year. A total of 18 hunters qualified for the 2022-23 program, down from 26 the previous year. There was one new hunter accepted into the program. Each returning hunter was given the option of hunting the same site as the previous year. Each hunter could only hunt their assigned site.

The archery hunting season opened October 1, 2022 and ended January 15, 2023. Each time a hunter planned to hunt; the hunter was responsible for contacting the police department in advance of the hunting. The call log of all planned hunting activity as recorded by the Police Department is provided as Appendix B.

Results

A total of 10 deer were taken during the season by six different hunters from five of the hunting sites. Nine of the deer were doe and one was a buck (a hunter could only take a buck after taking at least two doe). A map is included as Appendix C showing the number of deer taken at each location. Each deer was taken with one arrow shot. One deer was mortally wounded but not able to be located and retrieved. All arrows were retrieved by the hunters.

Twelve hunters did not take any deer. Seven of those hunters did not hunt. A complete list of the hunting activity resulting in the taking of deer is shown in Appendix D. A comparison of the number of hunters, those who killed deer, and the total deer taken is presented in Table 1 below. Since the program inception in 2018, 98 deer have been culled.

Table 1. Hunting Activity: 2018-2023

Year	Hunters Qualified	Qualified Hunters who Hunted	Hunters who Culled at Least One Deer	Number of Deer Killed
2018/19	12	8	7	22
2019/20	27	18	12	30
2020/21	30	20	11	24
2021/22	26	15	6	12
2022/23	18	12	6	10

In April, hunters who successful tagged deer will be reimbursed $15.50 for each tag. With 10 deer tagged, the total reimbursement cost will be $150.50.

Deer Count

Lack of consistent snow cover following the end of the 2022/23 hunting season prevented an aerial count of deer. The count is not effective without full coverage of at least several inches of snow. The results of the deer count from all previous years are shown in Table 2 below.

Table 2. Aerial Deer Count: 2018-2023

Year	Deer Counted in City Limits	Percent Change
2018	136	-
2019	211	55%
2020	200	-5%
2021	Cancelled	NA
2022	140	-30%
2023	Cancelled	NA

Deer Incidents

Since 2010, the Police Department has tracked reports of deer involved in accidents with vehicles, found deceased, injured where euthanizing is required, and injured but unable to be located. The total reported incidents for each year and the percent change from year to year is shown in Table 3 below. In 2022, there were 22 reported incidents. This represents a 27 percent decrease from 28 in 2021 and is considerably lower than the high of 55 in 2016. The full report may be found in Appendix E.

Table 3. Reported Deer Incidents: 2010-2022

Year	Reported Incidents	Percent Change
2010	17	
2011	20	18%
2012	22	10%
2013	27	23%
2014	24	-11%
2015	39	63%
2016	55	41%
2017	43	-22%
2018	38	-12%
2019	45	18%
2020	49	8%
2021	28	-42%
2022	22	-27%

Future Hunting

I offer the following suggestions should you decide to continue the hunting program in 2023-24:

1. Renew the current city hunting sites and private sites with owner consent.

2. Offer each hunter who successfully hunted his site the first option for hunting the site in in 2023-24.

3. Only accept new hunter applications if current hunters choose not to reapply. One exception would be that new hunters could be accepted upon the request of the owner of any approved hunting site.

4. Encourage all hunters to actively hunt their designated property. If a hunter does not hunt for two consecutive seasons, they would lose hunting eligibility.

5. Continue to reimburse hunters for the cost of the IDNR tag for each deer taken.

6. When snow cover allows, continue the aerial count to help assess the effectiveness of the hunting program and the need to continue to the hunting program.

<u>Thank You</u>

Finally, I would like to thank all the hunters in the program who completed all the steps in the qualifying process, submitted all required information, kept the police department informed of their activity, and took their responsibility to hunt safely very seriously. The police department also deserves thanks for working closely with the hunters to record all activity during the four-month season. Finally, thanks to Matt Oldenburg for producing the maps for the program.

APPENDIX A

Table 1. 2022-23 Archery Deer Hunting Schedule

No.	Activity	Start Date	End Date
1	Private hunting site application period	June 1	July 15
2	Hunter Permit application period	June 1	July 15
3	Mail letters to property owners within 100 yards of proposed hunting sites inviting comments at the August 8 city council meeting	July 18	July 18
4	Approval of city-owned and private hunting sites by council	August 8	August 8
5	Hunter proficiency qualification	August 18	August 18
6	Hunter certification deadline, including submission of Illinois license, habitat stamp, and permit(s)/tag(s)	September 16	September 16
7	Mail letters to property owners within 100 yards of hunting areas giving notice of hunting area and season dates	September 22	September 22
8	Archery hunting season	October 1	January 15, 2023
9	Aerial count of deer population (weather permitting)	January 16	January 31

Hunter Call Log

Received By	Date	Time	Hunter Name	Hunting Property Location	Time In	Out Time	
m	10·28	1525	Jeremy Funston	Fulton St	4p	Dusk	
m	10·28	1452	Joe Funston	Fulton St	4p	Dawn	
m	10·29	↓	" ↓ "	" ↓ "	↓	↓	
m	10·30	↓	" ↓ "	" ↓ "	↓	↓	
m	10·28	1641	Matt Oldenburg	Meadow View			
m	10·30	1520	Jonathan Miller	Meadow View	3:30	Dusk	
m	11-1	1600	Steve Stangl	Old City land Fill	Dawn	9a	
EH	11-2	1608	Joe Funston	Fulton St.	4p	Dusk	
m	11·2	1530	Steve Stangl	Old City land fill	dawn	9a	3 on 11·3
m	11·2	1530	Andrew Stangl	Old land fill Donegan St 3	dawn	9a	3 on 11·3
REF	11-3	3:56pm	Andrew Stangl	Donegan st #2	3:56	Dusk	
REF	11-3	3:56pm	Steve Stangl	Donegan st #3	3:56	Dusk	
REF	11-3	3:56 pm	Steve Stangl	oak city land fill	Down	9am	
m	11·4	15:10	Dennis Berning	Scenic Meadows	Dawn	Dusk	11·5
EH	11-6	1532	Jonathan miller	Meadow View	1530	Dusk	
EH	11-7	11:05	Jerry Houy	Fulton St.	1110	1500	
m	11·7	1500	Dennis Berning	Scenic Meadow	1500	Dusk	
m	11-8	1430	Steve Stangl	Donegan St #3	Dawn	9a	11·9
EH	11·8	1615	Joe Funston	Fulton St.	1630	Dusk	
KB	11-9	3:15pm	Dennis Berning	Scenic Meadows	3:15pm	Dusk	
KB	11-9	3:15P	↓	↓	All Day		11·11
KB	11-9	3:15P	↓	↓	All Day		11·12

Hunter Call Log

Received By	Date	Time	Hunter Name	Hunting Property Location	Time In	Out Time	
JM	11-9	1548	Steve Stangl	Donegan St *3/Landfill	Dawn	Dusk	on 11-10
EH	11-10	1002	JONATHAN MILLER	MEADOW VIEW	1500	Dusk	on 11/13
JM	11-10	1530	Steve Stangl	Donegan #3/ Landfill	Dawn	Dusk	11-11
JM	11-10		"	"	Dawn	Dusk	11-12
JM	11-10		" "	" "	Dawn	Dusk	11-13
JM	11-10		Andrew Stangl	Donegan #2	Dawn	9a	11-11
JM	11-10		" "	" "	Dawn	Dusk	11-12
JM	11-10		" "	" "	Dawn	Dusk	11-13
JM	11-10	1420	Joe Funston	Fulton St	14:30	Dusk	
NJ	11-11	12:30	MATT OLDENBURG	STONEY Quarry	12:30	DUSK	
EH	11-13	1525	MATT OLDEN BURG	" "	1530	DUSK	
JM	11-15	1450	Steve Stangl	Donegan St #3/ Landfill	Dawn	Dusk	11-16
JM	11-15	1450	"	"	Dawn	Dusk	11-17
EH	11-15	1444	DON STEGAL	REC. PARK	DAWN	NOON	11-17
JM	11-21	1400	Don Stegal	Rec Park	Dawn	noon	11-22
JM	11-21						11-25
JM	11-21						11-27
JM	11-27	1330	Andrew Stangl	Donegan #3	2p	DUSK	
JM	11-22	1330	Steve Stangl	Donegan #3	Dawn	9a	11-23
KB	11-23	3:30PM	STEVE STANGL	Landfill	3:30PM	Dawn	11-23
KB	11-23	3:30PM	STEVE STANGLL	" "	Dawn	9am	
KB	"	"	STEVE STANGL	DONEGAN #3	3:00PM	Dawn	

2022-23 Galena Archery Deer Hunter Program

Hunter Call Log

Received By	Date	Time	Hunter Name	Hunting Property Location	Time In	Out Time	
KB	11-23-22	3:00 PM	ANDREW STANGER	DONEGAN #2	ALL DAY		11-25
KB	11-23-22	" "	" "	" "	ALL DAY		11-26
"	"	"	STEVE STANGG	DONEGAN #3	3PM	Dark	11-26
"	"	"	ISAAC STANGER	DONEGAN #3	3PM	Dark	11-27
EH	11-25-22	1530	MATT OLDENBURG	MEADOW VIEW	3pm	Dusk	11-25/11-29
JM	12-11-22	300	Matt Odenburg	Meadow View	3p	Dusk	
JM	12-19-22	11a	Jerry Houy	Fulton St	11a	4:30	
JM	12-26-22	3:30	Jerry Houy	" "	3:30	4:45	
JM	12-27-22	1430	Joe Funston	Fulton St	1430	1800	
EY	12-28-22	4p	Don Stegall	Rec Park	Dawn	12:00	12/29
JM	12-29-22	1530	Dennis Bering	Scenic Meadows	6 30	9 30	
JM	12-31-22	1530	" "	" "	6 30	9 30	
JM	1-7-22	3:40	Jerry Houy	Fulton St	3:45	Dusk	
JM	1-8-22	3p	Joe Funston	Fulton St	3p	Dusk	
JM	1-8-22	3:30	Jerry Houy	Fulton St	3:30	Dusk	
EH	1-10-22	—	Jerry Houy	Fulton St.	3:00	1630	
JM	1-12-22	1330	Joe Funston	Fulton St	1400	Dusk	
JM	↓	↓	↓	↓	↓	↓	1-14-22
JM	↓	↓	↓	↓	↓	↓	1-15-22

1

Hunter Call Log

Received By	Date	Time	Hunter Name	Hunting Property Location	Time In	Out Time
JW	1·13·22	10⁰⁰	Jeremey Macholl	Scenic Meadow	1330	Dusk
JW	↓	↓	↓	↓	↓	↓
JW						
JW	1-13-22		Jerry Hovey	Fulton St.	1528	
EH	1-14-22	3:23pm	Jerry Hovey	FULTON ST.	1530	1630
EH	1-15-22	3:04pm	Jerry Hovey	FULTON ST.	1510	1630

1.14.22
1.15.22

SCENIC MEADOWS GREENSPACE
35 Acres

APPENDIX C

A

CITY DUMP
10 Acres

2

B

STONE QUARRY
8.35 Acres

MEADOW VIEW
16.18 Acres

DONEGAN 2
3.18 Acres

DONEGAN 3
42.99 Acres

1

1

5

DONEGAN 1
6.15 Acres

FULTON STREET
5.72 Acres

SCHOOL SECTION
5.85 Acres

1

C

RECREATION PARK
33 Acres

GRADY HILL
13.26 Acres

WASTEWATER TREATMENT PLANT
44 Acres

D

SEAL OF THE CITY OF GALENA II · 1826

2022 - 2023 DEER HUNTING RESULTS
ALL HUNTING SITES - FINAL REPORT

LEGEND

Corporate Boundary

Public Area A

Public Area B

Public Area C

Public Area D

Private Hunting Site

1   9   Total Harvest = 10

2022-23 Galena Archery Deer Hunting Program

Hunting Activity Log

No.	Received by	Date	Hunter Name	Hunting property location	Shot Taken?	Hit or Miss?	Arrow Retrieved?	Buck/Doe	Deer Tag #	Address Where Deer Retrieved	Time Retrieved
1	JM	10.4.22	Jerry Hoiy	Fulton St	Yes	Hit	Yes	Doe	2240004 037810	Fulton St	6:15
2	EH	10-14-22	Joe Funston	FULTON ST.	Yes	HiT	YES	DOE	2203605 98729	FULTON ST	7:35 Am
3	EH	10-16-22	Jon. Miller	MEADOW VIEW	YES	HiT	YES	DOE	22135 6819760	MEADOW VIEW	5:30 pm
4	JM	10.28.22	Don Skogan	Rec Park	Yes	Hit	Yes	Doe	22784 0991374	Rec Park	1645
5	EH	10-28-22	CASEY LANGE	OLD LANDFILL #1	YES	Hit	YES	DOE	22563 6232162	OLD LANDFILL #1	1900
6	JM	11.7.22	Jerry Hoiy	Fulton St	Yes	Hit	Yes	Buck	22207 4392820	Fulton St	1300
7	EH	11-9-22	Joe Funston	FULTON ST.	YES	HiT	YES	DOE	22600.2 296335	FULTON ST	1900
8	EH	11-13-22	MATT ODENDAHL	STONE QUARRY	YES	Hit	NO	DOE	NIA	NOT RECOVERED	N/A
9	JM	12.27.22	Joe Funston	Fulton St	Yes	Hit	Yes	Doe	22946610 31594	Fulton St	1800
10	EH	1-1-22	Jerry Hoiy	FULTON ST.	Yes	Hit	YES	DOE	2254917 35096	FULTON ST.	1630
11											
12											
13											
14											
15											
16											
17											

APPENDIX E

2010	Accident with report	Accident w/ no report	Reported dead/ found dead	Reported injured Put down	Reported injured Ran away	Repo Unable to locate	
January	1					4	5
February					1		1
March							0
April							0
May							0
June							0
July							0
August	1	1				2	4
September	1				1	1	3
October					1		1
November	2	1					3
December							0
Total	5	2	0	0	3	7	17

2011	Accident with report	Accident w/ no report	Reported dead/ found dead	Reported injured Put down	Reported injured Ran away	Reported injured Unable to locate	Total
January				1		1	2
February					1		1
March							0
April						1	1
May							0
June			1				1
July	1		2				3
August					1		1
September			1				1
October		1					1
November	2				1		3
December		1	1	1	1	2	6
Total	3	2	5	2	4	4	20

2012	Accident with report	Accident w/ no report	Reported dead/ found dead	Reported injured Put down	Reported injured Ran away	Reported injured Unable to locate	Total
January			1				1
February		1					1
March			1			1	2
April							0
May						1	1
June							0
July				2			2
August					1		1
September				1			1
October		2		2			4
November	2	1	1		1		5
December	3		1				4
Total	5	4	4	5	2	2	22
2013	Accident with report	Accident w/ no report	Reported dead/ found dead	Reported injured Put down	Reported injured Ran away	Reported injured Unable to locate	Total
January		1	1	3			5
February				1			1
March		2	1	1			4
April					1		1
May							0
June	1		2				3
July							0
August							0
September	1	1	1			2	5
October	2		1	1		1	5
November	2		1				3
December							0
Total	6	4	7	6	1	3	27

2014	Accident with report	Accident w/ no report	Reported dead/ found dead	Reported injured Put down	Reported injured Ran away	Reported injured Unable to locate	Total
January		1			1		2
February					1		1
March	1						1
April		2					2
May							0
June	1				1		2
July			1				1
August		1	1				2
September	1			1	1		3
October		1	1		1		3
November	1	1		1	1	1	5
December	1			1			2
Total	5	6	3	3	6	1	24
2015	Accident with report	Accident w/ no report	Reported dead/ found dead	Reported injured Put down	Reported injured Ran away	Reported injured Unable to locate	Total
January	2	1	1	1		1	6
February	1	1	1	1		2	6
March	1	1				1	3
April				1		1	2
May							0
June							0
July	2		1	1			4
August					1		1
September	1					1	2
October	2	1	1	1			5
November	3	2	1				6
December			1	2		1	4
Total	12	6	6	7	1	7	39

2016	Accident with report	Accident w/ no report	Reported dead/ found dead	Reported injured Put down	Reported injured Ran away	Reported injured Unable to locate	Total
January	1	1	2	3	1	2	10
February	1	2	1	1	1		6
March	3	1	1				5
April		1	2				3
May	1				2		3
June	1		3	1	1		6
July		2			1		3
August							0
September	1	1	2	1	1		6
October			2	1			3
November	1			1			2
December	1	2	1	2	1	1	8
Total	10	10	14	10	8	3	55
2017	Accident with report	Accident w/ no report	Reported dead/ found dead	Reported injured Put down	Reported injured Ran away	Reported injured Unable to locate	Total
January	1			2		1	4
February	2	1				1	4
March	1		1	1			3
April	2			1	1		4
May	1						1
June	1						1
July							0
August	2			1	1		4
September	1		1			2	4
October	2	1		2			5
November	2		1		3	1	7
December	1	2		3			6
Total	16	4	3	10	5	5	43

APPENDIX E

2018	Accident with report	Accident w/ no report	Reported dead/ found dead	Reported injured Put down	Reported injured Ran away	Reported injured Unable to locate	Total
January		1	1				2
February	1				1		2
March						1	1
April	1						1
May			1	1	2	1	5
June	1		1		1		3
July	1	1	1				3
August	1		1	1	1		4
September			3	1			4
October	1	1	2				4
November	3					1	4
December	1		2	1	1		5
Total	10	3	12	4	6	3	38
2019	Accident with report	Accident w/ no report	Reported dead/ found dead	Reported injured Put down	Reported injured Ran away	Reported injured Unable to locate	Total
January	2						2
February	2	1					3
March	1	1			1		3
April			1	1	1		3
May			1	2	1		4
June	1		2		1	1	5
July	1		2			1	4
August			2	1			3
September	1			4			5
October		1	1				2
November	2	1	2	1	1	2	9
December	2						2
Total	12	4	11	9	5	4	45

2020	Accident with report	Accident w/ no report	Reported dead/ found dead	Reported injured Put down	Reported injured Ran away	Reported injured Unable to locate	Total
January							0
February		3					3
March	1	1		1	1		4
April	1	1	1	1			4
May	1		1				2
June		2	1	1	1		5
July	1			1	1		3
August			1				1
September	1			2	1	1	5
October	3	1	4	2			10
November	4		2	2		1	9
December	1				2		3
Total	13	8	10	10	6	2	49

2021	Accident with report	Accident w/ no report	Reported dead/ found dead	Reported injured Put down	Reported injured Ran away	Reported injured Unable to locate	Total
January					3		3
February	1		1	2			4
March			2	1		1	4
April	1		1				2
May							0
June	1		1			1	3
July							0
August			1			1	2
September	2						2
October							0
November	3		1			2	6
December	1						1
Total	9	0	7	3	3	5	27

2022	Accident with report	Accident w/ no report	Reported dead/ found dead	Reported injured Put down	Reported injured Ran away	Reported injured Unable to locate	Total
January	1		1				**2**
February	1		1	1	1		**4**
March							**0**
April			1		1		**2**
May					1		**1**
June					1		**1**
July			1	1			**2**
August		1					**1**
September			2				**2**
October	1		1	2			**4**
November		1	2				**3**
December							**0**
Total							**22**
2023	Accident with report	Accident w/ no report	Reported dead/ found dead	Reported injured Put down	Reported injured Ran away	Reported injured Unable to locate	Total
January							
February							
March							
April							
May							
June							
July							
August							
September							
October							
November							
December							
Total							