

CITIES OF SHAKER HEIGHTS AND
BEACHWOOD
END OF SEASON HARVESTING REPORT
MARCH 20, 2023



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Cities of Shaker Heights and Beachwood End of Season Deer Management Culling Report

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Executive Summary

The Cities of Shaker Heights and Beachwood demonstrated noteworthy leadership in taking an unprecedented collaborative approach to deer management. The cities contracted with Precision Wildlife Management LTD (Precision) to manage the deer population in both cities. The Shaker Heights Wildlife Task Force Committee recommended Precision Wildlife harvest deer in the city using sharp shooters. Shaker Heights City Council, Safety Committee, Law Department, Finance Department, and the Honorable Mayor David Weiss approved the contract. Beachwood City Council, Safety Committee, Law Department, Finance Department, and the Honorable Mayor Justin Bern's approved the contract. A detailed deer management plan was submitted to the Ohio Department of Natural Resources (ODNR) Division of Wildlife. The ODNR reviewed the plan and authorized both cities to harvest 70 deer under a combined Deer Damage Control Permit #11661.

Both cities understood that the same deer that roamed Shaker Heights roamed Beachwood as well and combined their efforts. The Precision Wildlife Team started harvesting deer on December 19, 2022, and finished on January 14, 2023. A total of 70 deer were harvested from both cities. Through the deer management program 2,800 pounds of venison was donated to the St. Vincent DePaul Food Bank. The lean ground venison provided an estimated 11,000 meals for people in need. The lean ground venison has a current market value of over \$49,000.00. (Estimated value based on Amazon ground venison priced at \$17.76/pound)

The Precision Wildlife team demonstrated the ability to harvest 70 deer safely and humanely in a suburban environment. Despite the challenges presented, we did our best to accomplish this task discreetly.

This report briefly summarizes the culling effort, the challenges faced, and the characteristics of deer harvested during the winter of 2022-2023. We have also included future recommendations.

Deer Management

Harvesting of deer was carried out from December 19, 2022, through January 14, 2023. The Precision Wildlife Team primarily culled Monday through Thursday. These days were selected due to increased pedestrian traffic on Friday, Saturday, and Sunday in the areas near the bait sites. Precision modified the days based on camera activity, deer patterns, and accommodating private property parameters.

Deer were observed on trail cameras and in person throughout both cities. Most of the deer observed were antlered deer (bucks). The United States Department of Agriculture (USDA) conducted an infrared survey in November of 2021 in Beachwood and determined that there were approximately 30 deer per square mile in Beachwood. According to the survey most of the deer were in the northern and southern parts of the city.

The ODNR developed Beachwood's [Deer Management Plan](#). The goal of a deer management program is to establish a deer population that maximizes recreational opportunity while minimizing conflicts with agriculture, motor travel and personal safety. A deer management program will not, nor is it intended to, eliminate the deer population. There is a maximum number of animals that an area's native and cultivated resources can support without degradation to the animal's health and environment.¹

The ODNR, Division of Wildlife states that it does not support, nor does this deer management plan suggest, that deer should be eliminated from the city but rather they be reduced to a level where they minimize conflicts, both potential and realized, in Beachwood while still providing the opportunity for residents to see deer. This will most likely be achieved when deer population levels are at or below cultural carrying capacities.²

This was the first year that a deer management program was implemented in the city of Beachwood. Precision worked with Mr. Geoff Westerfield of the ODNR, Division of Wildlife. Mr. Westerfield developed a deer management plan for the City of Beachwood and was consulted on the deer management program for Shaker since its inception. The cultural carrying capacity decision making model was utilized based on public safety and public attitude.

Deer Management is a long-term commitment. On average, if unmanaged, the deer population will increase 25% to 35% yearly. Deer management is a sensitive and emotional subject and often spurs spirited debate. Left unmanaged, the deer herd presents an increased risk of accidents, plant damage, ecosystem impact and conflict with pets and people. Additionally, there is an increased risk of deer suffering from a deer / vehicle collision. The Shaker Police and Beachwood Police do an excellent job of targeting speeders. As a result, deer are struck at slower speeds and when there is a deer vehicle collision the deer does not always expire right away. Usually, the deer is injured and has a reduction in mobility and suffers infection from the trauma site. Some deer can survive however many suffer from infection then expire. Over the years, the Precision Team has witnessed several deer with infections and injuries. Both cities' questionnaires revealed that the majority of constituents who participated in the questionnaire were in favor of reducing the deer herd.

¹ Deer Management Plan for City of Beachwood 2022, ODNR, Division of Wildlife, Geoff Westerfield

² Deer Management Plan for City of Beachwood 2022, ODNR, Division of Wildlife, Geoff Westerfield

Bait Sites

Shaker Heights

The deer management program in Shaker Heights is in its seventh year, and as a result, the deer have become well educated. The Precision Team observed deer throughout the city. Many of the deer observed were male deer (bucks). Many variables affect deer movements; weather, food sources, vehicles, pedestrian traffic, dogs, the rut, dominant male deer (bucks), coyotes, and harvesting pressure. (See Figure 1) After harvesting deer for the past seven years at the same bait sites, the deer have been avoiding these locations. The deer that do visit are extremely wary and the opportunities of harvesting multiple deer at once are much fewer. Once the first deer is harvested, the other deer vacate the area. The deer have also started acting like deer in the wild instead of city deer, especially when they observe a Precision Wildlife vehicle or team member. This is not unusual with the deer management program being in its seventh season. This is also a positive sign as deer will be less likely to get close to humans.

Acquiring the right private property sites is critical to the continued success of the program. Obtaining new bait sites is important to successfully managing deer in both cities. This year, Precision had four bait sites in Shaker Heights. These sites were located from the northeastern and central sectors of the city all the way across to the northwestern and central sectors of the city. We traditionally have not been able to impact the southern section of Shaker. Our teams patrolled city owned property actively looking for deer. We observed three herds of deer on four separate occasions at one site and were unable to engage. The deer were on a daytime pattern. We had to pass on many engagements throughout the city due to vehicles and pedestrians being in the area. The engagements would have been safe harvests; however, they would have potentially been witnessed harvests.



Figure 1: Humans, coyotes and weather all visiting the same bait site affecting deer movement

Beachwood

This was the first year that a deer management program was implemented in Beachwood. The Precision Team saw good numbers of deer throughout the city. We noticed that most deer contacted in Beachwood were wary except for antlered deer (bucks). We observed many of the same bucks in both cities on camera and in person confirming the same deer that roam Shaker Heights roam Beachwood.

Precision worked with the Beachwood Executive Leadership Team in attempting to acquire private property bait sites. We assessed viable bait sites throughout the city and identified over 20 potential sites that had the greatest chance to harvest deer safely, humanely, and discreetly. We conducted site surveys throughout both cities on the city owned land as well as private property looking for deer activity, as well as surveying the topography and assessing pedestrian and vehicle traffic and proximity to homes and streets. Areas were identified where the risks involved with harvesting deer could be managed. The private property sites were selected based on safety, deer activity, discrete location, and efficiency.

Precision utilized the most recent Beachwood USDA Forward Looking Infrared (FLIR) study which indicated most of the deer were in the northern and southern portion of the city.³

Precision was only able to secure six bait sites in Beachwood. We were unable to locate a viable bait site in the northern portion at the beginning of the season, however toward the end of the season we secured a 4.5-acre site. Four of the six bait sites were on private property. Four of the six bait sites had restrictions on the times that Precision was able to harvest and the other two had a significant amount of pedestrian traffic. One site was in the northern portion of the city, two sites in the central section, and three in the southern section.

We are hoping to have an impact on the southern portion of Shaker because of our harvesting this year in the southwestern and central western section of Beachwood.

It is critical to the success of the deer management program to locate new viable bait sites with uneducated deer. Additional private property locations acquired will reduce over hunting the same areas and provide the opportunity to harvest deer in areas throughout the cities. This year we were unable to significantly impact the deer in the northern portion of Beachwood. The Precision Team observed a good number of deer in that area. There are many viable private property sites throughout the city that hold good numbers of deer that can be harvested safely, and discreetly. Appropriate locations can be inconspicuous and increase the ability to further manage the growing deer population throughout both cities.

³ USDA, ASHFIS White Tail Deer Count 2021

Scope and Need for Action

The Shaker Wildlife Task Force and City Council recommended that culling continue in the 2022/2023 winter season. Beachwood City Council recommended culling for the 2022/2023 winter season. After consulting with the ODNR, considering the following data, the ability to acquire viable bait sites in both cities, and direct observation, a permit for 70 deer was requested for both cities. The ODNR issued a permit to Precision Wildlife for 70 deer. 30% (21) of the deer harvested were permitted to be antlered deer (bucks), per ODNR.

The most recent questionnaires in both Shaker Heights and Beachwood identify those residents that participated in the survey, are concerned about the current deer population in both cities.

The ODNR, Division of Wildlife utilizes the following data to help evaluate the deer management program.

- The questionnaire results
- Reported deer / vehicle accidents
- Dead deer pick-ups
- Number of deer that were harvested
- Recruitment factor, (new deer being born)
- Direct observation / Deer Count Surveys
- Plant Studies

Most dead deer pick-ups are a result of unreported deer / vehicle accidents.

The top concerns according to the most recent questionnaires were as follows:

Shaker Heights

1. Damage to landscapes/gardens
2. Transmission of disease
3. Damage to ecosystem
4. Damage to Trees (*Figure 4*)
5. Declining deer health

Beachwood

1. Damage to landscapes/gardens
2. Transmission of disease
3. Traffic Related Accidents/deer
4. Safety of Pets



Figure 4: Deer Rub at Park East

In the 2022 Shaker Heights questionnaire, 63% of residents that participated in the deer questionnaire stated they wanted to see a decrease in the deer population as compared to 2015 where 82% wanted to see a decrease in the deer population.

Mr. Nick Mikash, Natural Resource Manager, at the Shaker Heights Nature Center completed a Browse Plot Study during 2022. This is his actual report. The results were as follows.

Nature Center Deer Browse Plot Results
November 2022
Nick Mikash, Natural Resources Manager

On 3 November 2021, a deer exclosure study plot and paired control were installed in a highly deer impacted area near the Nature Center building. The area is just off the Stearn's Trail which is frequented by visitors and school groups regularly. Plots were created as 10 x 10-foot squares with 8-foot tall deer fencing around the exclosure plot. Inside each plot we planted 5 native woody plants, the species typical of the plant material we install as part of our habitat restoration. They included: sugar maple, witch-hazel, spicebush, elderberry and red oak. Initial plant heights were measured upon installation.

While the intent was to look at long term deer impact on vegetation, we noticed browse damage on elderberry within the first 24 hours. Within the first week, sugar maple was also browsed. After 1 year, plants in the exposed plot showed heavy impact from deer browse and 3 of the 5 were in fact no longer present above ground level. Some of the protected plants show a slightly lower height after 1 year, but at the time of measurement, leaf drop had occurred which is the reason for the discrepancy. Initial measurements were of freshly installed plants with leaves still attached. See accompanying data for full results.

*This small study shows results typical of the ongoing deer damage that we see at the Nature Center. Plants must be caged for protection which can add up to 30% of the total cost of restoration plantings. Deer also impact ornamental and demonstration gardens and limit what we are able to plant in many cases. In addition to browse, buck rub is responsible for damage to both existing trees and shrubs and newly planted material. Deer have also been an issue for our bird banding personnel. **Deer can damage the expensive nets by running into them and have also been documented consuming birds directly out of the nets given the opportunity.***

The City of Beachwood reached out to their residents to understand how they are affected by the deer population. According to the results of the city's latest survey (2021), 61% of Beachwood residents who responded want the deer population to be addressed. This is up from 46% in a 2018 survey.

The following represents deer / vehicle accidents and dead deer pickups in Shaker Heights:

- 2020 8 Reported Accidents 28 Dead Deer Pick-ups
- 2021 3 Reported Accidents 16 Dead Deer Pick-ups
- 2022 3 Reported Accidents 9 Dead Deer Pick-ups

The following represents deer / vehicle accidents and dead deer pickups in Beachwood:

- 2020 13 Reported Accidents 27 Dead Deer Pick-ups
- 2021 23 Reported Accidents 28 Dead Deer Pick-ups
- 2022 16 Reported Accidents 36 Dead Deer Pick-ups

The Precision Team harvested 70 deer for the 2022/2023 deer management season. As you can see from the data, we have been successful in impacting the deer population in the areas that they are able to harvest in Shaker. This is Beachwood's first year in the program. We will continue to evaluate the deer management program yearly in both cities with the ODNR and adjust based on the evaluations.

Clearly, access to viable private property bait sites that hold good numbers of deer that can be safely, and discreetly harvested is essential to a successful deer management program. Based on the above information and direct observation, there is a need to manage deer in both cities. Left unmanaged, the deer population will increase 25% to 35% a year.

Methods

Baiting was initiated on city owned and private property sites in both cities. The Precision Wildlife team baited for approximately two weeks prior to culling and daily throughout the season. The deer that were observed on camera visiting the bait sites were predominately antlered male deer (bucks). (See Figure 2) While baiting, Precision observed the deer to be unusually educated. The deer were nervous and often ran off during baiting. The deer would return later, however, it appeared that the deer were wary. Traditionally the first-year deer are harvested in a city, they are not wary and usually have become accustomed to human presence.

Precision deployed in two person teams in trucks marked with wildlife management placards. Prior to deployment, the surrounding police departments were notified and provided vehicle pictures and contact information. Each time the Precision Team was harvesting, both Shaker and Beachwood Police Departments were notified. The Precision Team had reflective vests on with wildlife management markings, when harvesting for additional safety. Deer management signs were posted. The signs were bright yellow and affixed to a rod placed in an orange traffic safety cone. The Precision Teams did their best to remain discreet while harvesting.

We posted deer management signs on the trails. (See Figure 3) Precision spoke to many residents again this year on the paths and in the parks. The trails and the parks are utilized by residents in both cities on a regular basis even in the early morning hours around 2:00AM - 4:00AM hours. Many residents enjoy walking their dogs.

Precision did its best not to impact the residents hiking, running and enjoyment of the park. We listened to the many deer stories from Shaker residents as well as University Heights and

Beachwood residents using the path. We would receive reports on deer activity throughout the city from the contacts.

The private property bait sites were in areas that had good deer sign. One site showed good numbers of deer between 2:00PM and 4:00PM consistently. Unfortunately, we were unable to harvest during those hours at that site due to property owner's request. The deer that were visiting all the other bait sites were mostly antlered male deer (bucks). The bucks were dominating the sites, fighting each other, and chasing the female deer (does) off the bait. (See Figure 4&5) Precision had observed deer following a specific pattern in those areas.

Weather patterns fluctuated and ranged from bitter cold with windchill -30 degrees to highs of 49 degrees. The week of winter weather assisted in attracting deer to bait on three sites. When the weather became unseasonably warm deer moved back to other food sources such as acorns and browse. The Precision Teams did their best to be on site when deer were on bait.

The Precision Team started harvesting the bucks to allow the does to access the bait sites. (See Figure 6) Pedestrian and vehicle traffic caused Precision to pass on multiple potential engagements on all the sites.

Within the first day of harvesting, it was clear the deer were well educated. We noticed deer were not at all relaxed and they would move their heads up and down, not remaining in one spot for extended time periods. As a result, the Precision Teams engaged deer at greater distances than usual. This caused them to engage deer from a variety of shooting positions and vantage points. Precision predominantly engaged deer from the roof of a truck. From this elevated position, they were able to harvest deer safely and humanely. On occasion, they located high ground positions and engaged deer from the ground utilizing the topography to harvest deer safely. Precision Teams remained mobile and searched for deer throughout the cities while monitoring the cameras. Precision was harvesting most of the deer in ones and twos. Deer were engaged in and around the bait sites from distances ranging from 5 yards to 120 yards. Precision passed on many engagement opportunities due to branches obstructing the target, people being too close, deer on the move, or the target not being in front of a proper backstop.



Figure 2: Bucks on bait site



Figure 3: Precision Signs/Vests



Figure 4: Bucks Fighting



Figure 5: Buck getting ready to chase does off bait



Figure 6: A valued member of the Beachwood Community provided information on this location where does arrived after a few dominant bucks were harvested.

Percentage of Deer Harvested

70 deer were harvested from both Shaker Heights and Beachwood. 21% of the deer were harvested in Shaker Heights and 78% were harvested in Beachwood. We understand that the deer that roam Shaker Heights roam Beachwood, and we continue to study and learn about deer patterns and range. We saw the same deer on camera in Shaker Heights and in Beachwood. Many of the sites are on the border of both cities. We are looking forward to seeing if the southeast border of Shaker will be impacted with the number of deer taken from the southwest portion of Beachwood. We identified specific areas within each city as management units. (See unit maps below). In Shaker Heights, deer were harvested from Management Unit #2 and Unit #4. In Beachwood deer were harvested from Management Unit #1, Unit #2 and Unit #3.

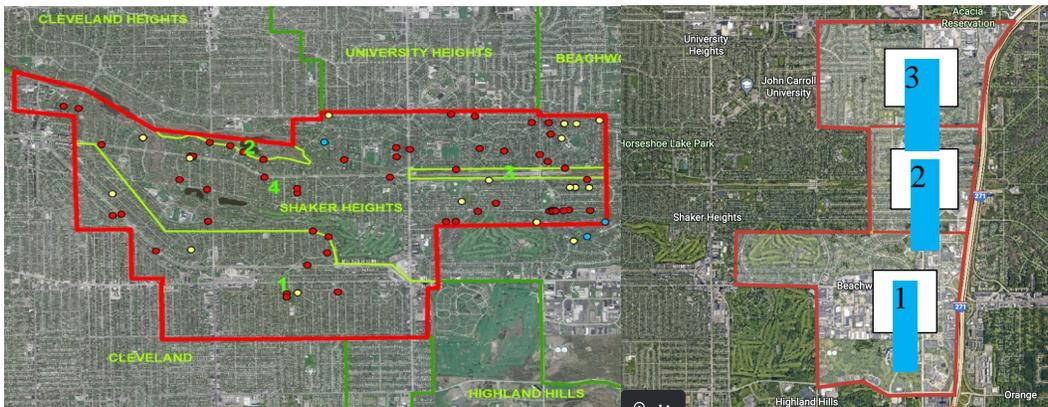
Shaker Heights		Beachwood	
Unit #4	4%	Unit #1	49%
Unit #2	17%	Unit #2	26%
		Unit #3	4%

Shaker Deer Management Units #4 & #2 traverse through the entire northern and central part of the city, from the east and west border. 4% of the deer were harvested in Unit #4, which is primarily private property with the average parcel size being .52 acres. The unit contains 210 parcels larger than 1 acre. Two golf courses are within this unit: Shaker Heights Country Club and Canterbury Country Club (Canterbury CC is also within Beachwood city limits). Unit #4 also encompasses Southerly Park, the Nature Center as well as the large, wooded area on the most northeastern border. 17% was harvested in Unit #2. Unit #2 is 65 acres in size predominately owned by the City of Shaker Heights as part of the Parklands.

Deer were harvested from Beachwood Deer Management Units #1, #2, and #3. 49% were harvested from Unit #1 which comprises the southern portion of the city. This correlates with the USDA FLIR Study taken in 2021 where most of the deer spotted were in the southern and northern portion of the city. 26% of the deer were harvested from Unit #2 which is in the central

portion of the city. 4% of the deer were harvested in Unit #3 which is in the northern portion of the city. We were unable to obtain a bait site in Unit #3 until late in the season. Had we been able to acquire that site earlier we would have been able to make more of an impact in Unit #3.

Deer were observed throughout the city and there are many viable sites located in Unit #1, Unit #2, and Unit #3. Many viable private property sites throughout the city hold deer and are in discreet locations. The city and the Precision Team had a successful first season. We were able to obtain our goal and many of the constituents were not even aware the program had started. We were able to provide over 11,000 servings of venison to those in need and we look forward to impacting the concerns of the constituents as it relates to deer issues. We sincerely hope that the constituents will have the same trust in Precision based on their professionalism and track record that both cities executive teams have. We need the constituents in both Shaker Heights and Beachwood to support the deer management program by allowing Precision access to the viable sites.



Maps of Shaker Heights & Beachwood Deer Management Units

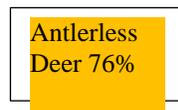
Demographics of Harvested Deer

Chart 1: *Male vs Female deer harvested*

- 23 (33%) of the deer harvested were males (bucks)
- 47 (67%) were females (doe)

Chart 2: Antlered vs. Non-antlered (all sexes)

- 17 (24%) harvested were antlered deer
- 53 (76%) harvested were antlerless deer



Of the 70 deer harvested, 17 were antlered bucks (24%), 53 were antlerless deer (76%). The Ohio Department of Natural Resources defines antlered and antlerless deer as follows:

“Antlerless deer include deer without antlers, and deer with antlers less than 3 inches in length.”

“Antlered deer are deer with at least one antler 3 inches or longer in length”

Chart 3. *Percentage of deer carrying fetuses*

Of the 47 female deer harvested, 31 (66%) were carrying fetuses.

Of the 47 female deer harvested, 16 (34%) were not carrying fetuses.

31 female deer were carrying 61 fetuses

Out of the total of 47 female deer harvested, the average number of fetuses was 1.3 per female.

Chart 4: Male & Female deer harvested by age

Out of the 70 deer harvested:

23 Male (bucks) Deer Harvested

- 6 males were .5 years old (26%)
- 4 males were 1.5 years old (17%)
- 3 males were 2.5 years old (13%)
- 8 males were 3.5 years old (35%)
- 2 males were 4.5 years or older (9%)

47 Female (Does) Deer Harvested

- 11 females were .5 years of age (23%)
- 14 female was 1.5 years of age (30%)
- 14 females were 2.5 years of age (30%)
- 7 females were 3.5 years of age (15%)
- 1 female was 4.5 years of age or older (2%)

2022 - 2023 Season – Critical Analysis

The Executive Teams in the cities of Shaker Heights and Beachwood demonstrated remarkable leadership in partnering to address deer management on behalf of their constituents' concerns. This collaborative approach is a step in the right direction moving toward the regionalization of deer management. This has been years in the making and both Executive Leadership Teams had to overcome many challenges. Their efforts came to fruition and the first year's partnership was a success. This type of collaboration and leadership may prove to be mutually beneficial in long term deer management for both cities.

Precision Wildlife appreciates the opportunity to work with both cities. Deer Management is an important issue, and the residents in both cities are concerned about the cultural carrying capacity of deer being exceeded. The residents that responded to the questionnaires in both cities and shared their concerns about deer. Both communities Safety Committees, City Council, Mayors, and The Shaker Wildlife Task Force is committed to addressing the residents' concerns. Left unmanaged, deer populations will continue to increase, and conflict with human beings will be inevitable. Deer management can be an emotional issue with strong opinions on both sides.

The Shaker Wildlife Task Force understands the need for a long-term deer management program, and they have selected sharpshooting as the most effective and humane technique for managing deer in Shaker Heights. Both Executive Leadership Teams concurred and are committed to a long-range deer management plan. Both Executive Leadership Teams also understand to evaluate the program yearly and adjust when warranted. We have seen other cities in the area starting to manage their deer population because of concerns of their residents.

Shaker Heights and Beachwood worked together this year in allowing Precision to harvest deer on both city and private property.

- The Precision Wildlife team understands the importance of professionalism, need for a specific skill set, and need to be discrete while operating in an unforgiving environment.
- Getting an early start is important as the season is often unpredictable. Other cities such as Cleveland Heights and University Heights may want to work with Shaker and Beachwood in the future. Contacting potential private property locations to harvest deer is labor intensive and time consuming. Precision appreciates the cities doing their best to obtain a signed contract by the end of October and encourage their constituents to allow Precision to harvest on their property.

Conclusion

Deer management is a complex issue requiring a multi-faceted approach. Residents have very different opinions about the presence of deer. Some view increased interaction between deer and humans as favorable; others view it as problematic. The sharp shooting option the Wildlife Task Force has recommended has proven to be safe, humane, and efficient. We will continue to explore additional options and come up with responsible recommendations that suit the unique needs of both communities in the future.

The City of South Euclid has taken a multi-disciplined approach and has been involved in a study involving an experimental program of sterilizing the does as well as a sharpshooting program. The deer are tranquilized, and a surgical procedure is performed, and the deer is then

tagged and released. ODNR advises that if a tagged deer is harvested that the tag number and location should be reported. They also advise that the deer should not be consumed due to the tranquilizer and surgery being performed. Precision chose not to harvest the tagged deer. This is the second year of the study and deer have been located as far as New York and Pennsylvania. Precision observed several tagged deer from the study. We reported the siting to the ODNR. (Figure 7&8)



Figure 7: Tagged Deer #8 and #14 at a bait site



Figure 8: Tagged Deer #8 and #14 at a bait site

Valuable information may be acquired from the study such as deer patterns, home range, if sterilized deer bring more bucks to the area, or stay in the area. We will continue to monitor the data received.

Precision has observed a significant number of deer in Cleveland Heights, Highland Hills, and University Heights. A regional or task force approach to deer management should continue to be pursued. In Shaker, prior to the program, the deer population was growing in excess of 35% each year. It is only a matter of time that the surrounding cities will have a deer problem affecting their residents.

Season seven in Shaker Heights and season one in Beachwood has concluded and we have certainly impacted the deer numbers where we have been able to harvest. As the program continues and the deer become more educated it will become more labor intensive to harvest numbers of deer. The deer will be harder to engage, and the more restrictions placed on locations

and tactics will become problematic. More time will need to be spent hunting deer. It will become increasingly important to increase the number of productive bait locations as not to overharvest the same areas and increase the odds of multiple harvesting opportunities.

It is difficult to accurately predict the exact number of deer in Shaker Heights. and Beachwood. Whereas the Precision Team are not wildlife biologists, the deer that they observed appeared healthy. Shaker Heights and Beachwood provides ideal habitats for deer by providing ample food, water, and cover. Instead of looking at the number of deer per square mile, modern deer management looks at trends and the *effects* of deer overabundance, such as deer health, ecosystem health and deer-human conflicts.

When it comes to urban deer, wildlife biologists often advise that instead of asking how many deer an urban environment could biologically support, the more salient task is assessing how many deer a community finds acceptable - the cultural carrying capacity.

Recommendations for 2023-2024

- Continue with the precision marksmen approach (i.e., Precision Wildlife Management LTD)
- Pursue locating private property culling opportunities
- Make it easy for the residents, business owners, to be involved in the program
- Continue to locate and intercept deer throughout both cities
- Continue to evaluate the deer management program and adapt

Thank you

On behalf of Precision Wildlife Management LTD, we would like to thank the cities of Shaker Heights and Beachwood for providing us with the opportunity to serve you. We appreciate the confidence and trust you have placed in us, and we will continue to do our best to continue to earn it. A special thank you to both Executive Leadership Teams and the Honorable Mayor Weiss and the Honorable Mayor Bern's for their leadership in challenging times. A special thank you to Chief Jeff DeMuth and Chief Kate McLaughlin for coordinating with Precision and being the single point of contact for each city. Thank you to Director Arrietta for his valued assistance. Thank you to Chief Administrative Officer Jeri Chaikin and City Administrator Tina Turick for their insight and valued assistance. Thank you again for a successful season and the opportunity to serve the fine residents of Shaker Heights and Beachwood

The Precision Wildlife Team