

# RADNOR TOWNSHIP DEER CULLING REPORT 2014

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# 2014 DEER CULLING REPORT



- In 2012 Radnor Township instructed the Police Department to conduct a study of deer in Radnor Township. A multitude of control methods were studied and considered. The Radnor Police teamed up with USDA WS and a formal report was completed February 23, 2013. The report documented that the average deer population in Radnor was 101 Deer per Square Mile, with up to 1,487 total deer in 2012 (before fawning).
- The recommendations of the report was to conduct a culling of deer in the township to reduce the townships deer population. This would decrease the negative impacts of deer to property throughout Radnor Township, as well as make the citizens of Radnor safer by reducing deer vehicle collisions.



## 2014 DEER CULLING REPORT

- 250 deer were removed from Radnor Township via sharpshooting in the fall and winter of 2012 and 2013 by USDA WS.
- Radnor Township also teamed with the Chester Valley Deer Management Association, at no cost to the Township. This was monitored by Sergeant Joseph Pinto who reported a total of 64 culled deer in 2013 using only private property, and completed during the authorized deer hunting season.
- Deer surveys were conducted by WS during October of 2013 and the results estimated an average deer density of 62 deer per square mile for the entire township.

# 2014 DEER REMOVAL

- Deer removal operations consisted of 16 nights.
- WS removed a total of 300 deer, including 50 deer on Radnor Township property and 250 deer on private property throughout Radnor Township.
- The average number of deer removed per night was 19.
- Operations were typically conducted between 9:00 PM to 5 AM.



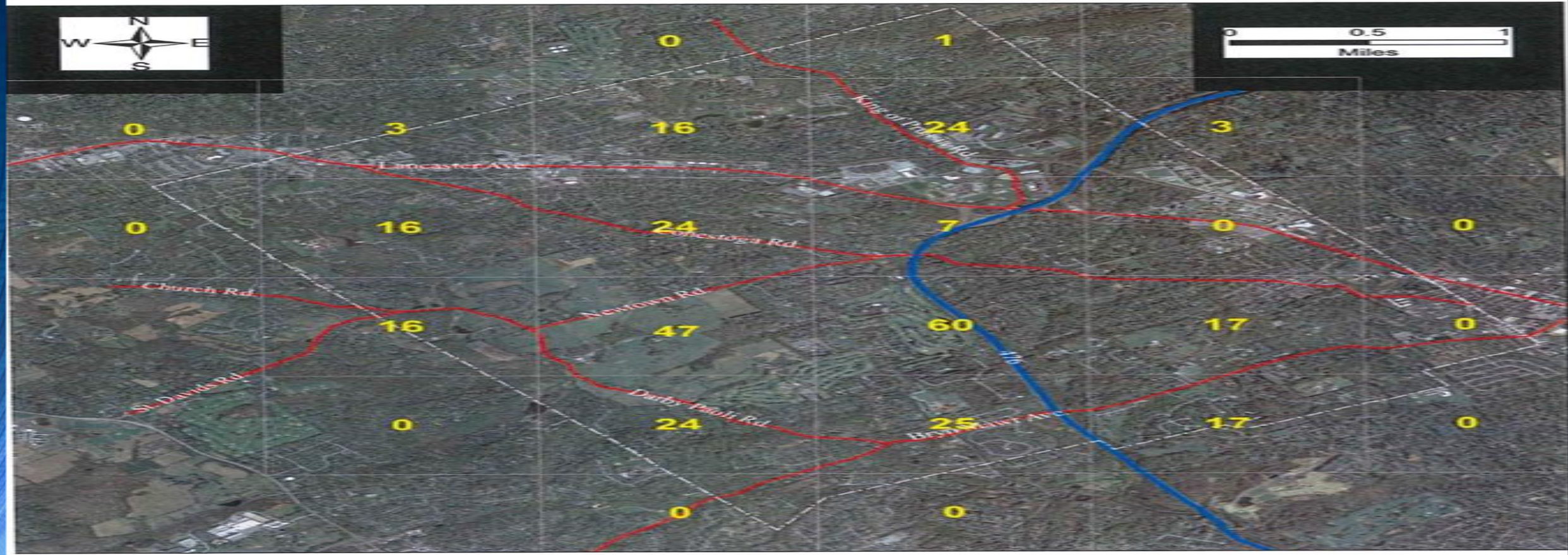


**Table 1. USDA APHIS Wildlife Services white-tailed deer removal dates for Radnor Township from November 2013 through April 2014.**

<u>Date</u>	<u>Time of Operation<sup>a</sup></u>	<u>Number of deer Removed</u>
11/25/13	9:00 PM – 5:00 AM	24
01/06/14	9:00 PM – 4:00 AM	11
01/07/14	9:00 PM – 5:00 AM	12
01/27/14	9:00 PM – 5:00 AM	5
01/28/14	9:00 PM – 4:00 AM	11
02/24/14	9:00 PM – 5:00 AM	21
02/25/14	8:00 PM – 4:00 AM	10
02/26/14	8:00 PM – 5:00 AM	10
03/10/14	9:30 PM – 5:00 AM	38
03/11/14	8:30 PM – 4:30 AM	29
03/24/14	9:00 PM – 5:30 AM	23
03/26/14	8:30 PM – 5:30 AM	14
04/02/14	8:30 PM – 5:30 AM	29
04/08/14	8:30 PM – 5:00 AM	22
04/09/14	8:30 PM – 5:00 AM	10
04/10/14	8:30 PM – 4:00 AM	31

<sup>a</sup> Times of operation do not include travel to and from project sites, personnel briefings, or equipment preparation and break-down. These times only include actual search and removal of deer.

Figure 1. Number of deer removed by grid (1 square mile) of 300 white-tailed deer removed from Radnor Township, PA by USDA Wildlife Services via sharpshooting during November 2013-April 2014.



## 2014 DEER CULLING REPORT

Once again in 2013, the Chester Valley Deer Management Association, under the direction of Mr. Stephen Grabuski did an outstanding job culling 57 deer on private properties during the authorized hunting season.





# 2014 DEER CULLING REPORT



- Every deer removed from Radnor Township by USDA WS was donated for charitable food distribution. The Pennsylvania Game Commission picked up a portion of the deer and delivered them to individuals who requested deer in Southeastern Pennsylvania. The remaining deer were transported to a local food processor and the meat was delivered to the Central Pennsylvania Food Bank.
- Approximately 9,300 pounds of venison was donated by Radnor Township.
- Since inception, Radnor Township has donated more than 17,800 pounds of venison!



# RECOMMENDATIONS

- Continue to monitor deer abundance and set removal goals by conducting two roving surveys in the fall (after fawning) to obtain a deer density estimate and track progress.
- Continue annual deer removal operations working towards the Township's deer density goal of 20 deer per square mile. Allot app 14 nights of removal to continue rapidly reducing the deer density.
- Gain additional access for deer removal on private properties, Radnor Township Public Schools and all Radnor Township public parks.
- Continue to utilize sport hunting and bow hunting clubs to assist with reducing deer density as much as possible.

## 2014 DEER CULLING REPORT

- The private donation of deer through the United States Department of Agriculture and the Pennsylvania Game Commission saved the township a considerable amount of money.
- Radnor Township will be getting billed at least \$8,000 less than the original agreement was signed for.

# 2015 BUDGET REQUEST FOR DEER REMOVAL

## 10 NIGHTS PROCESSING 150 DEER

- Personnel- \$21,429.68
- Vehicle Use- \$1,470.00
- Supplies/Equipment/Deer Processing- \$14,842.00
- Lodging/Per Diem- \$2,480.00
- SUB TOTAL- \$40,222.18
- Pooled Job Costs- \$4,424.44
- Indirect Costs- \$6,495.88
- **TOTAL - \$51,142.50**

## 15 NIGHTS PROCESSING 225 DEER

- Personnel- \$29,418.98
- Vehicle Use- \$2,205.00
- Supplies/Equipment/Deer Processing- \$21,877.50
- Lodging/ Per Diem- \$3,720.00
- SUB TOTAL- \$57,221.48
- Pooled Job Costs- \$6,294.36
- Indirect Costs- \$9,241.27
- **TOTAL- \$72,757.11**



# Estimate for 10 nights of deer removal and processing of 150 deer

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- Vehicle Use- \$1,470.00
- Supplies/Equipment/Deer Processing- \$14,842.00
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