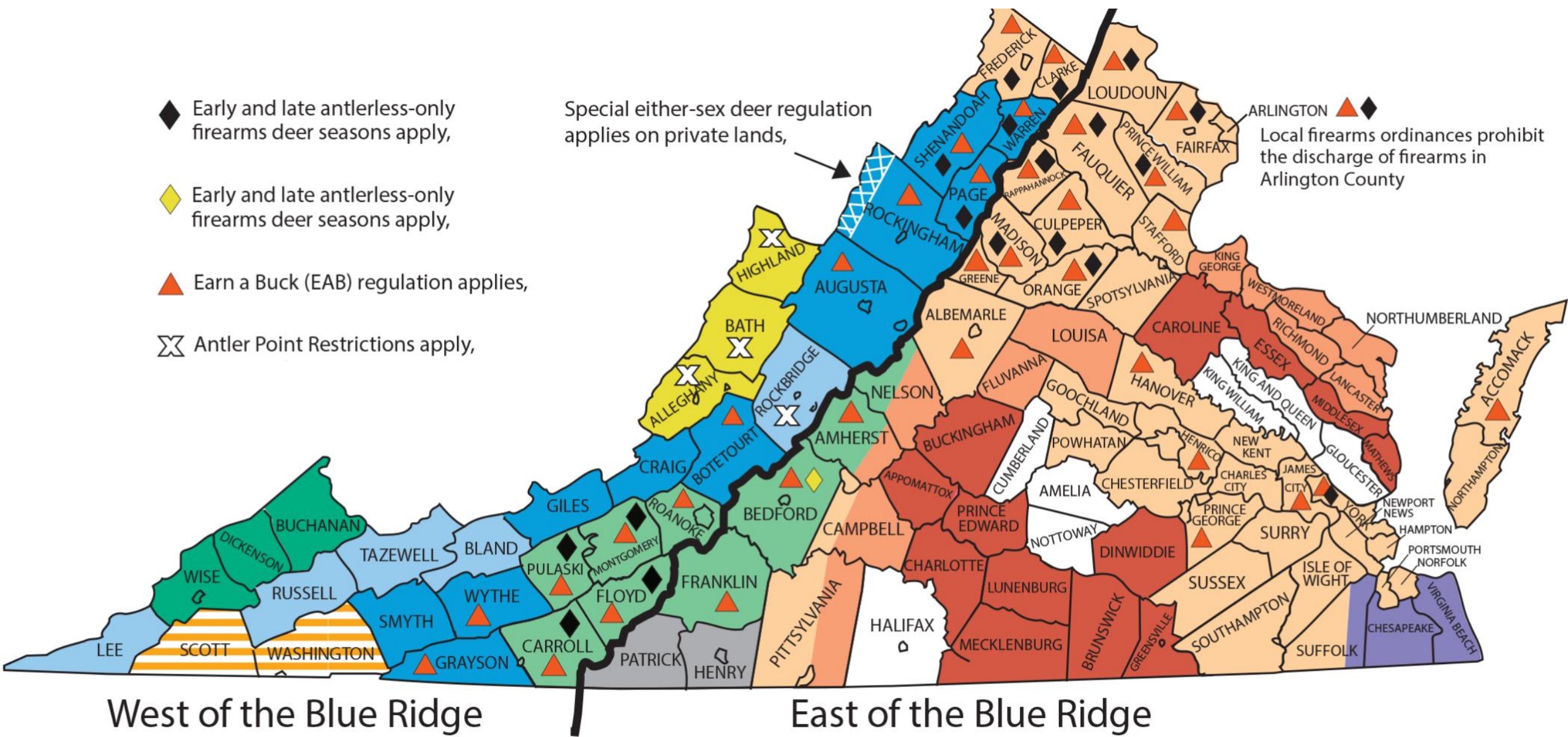




- ◆ Early and late antlerless-only firearms deer seasons apply,
- ◆ Early and late antlerless-only firearms deer seasons apply,
- ▲ Earn a Buck (EAB) regulation applies,
- ⊗ Antler Point Restrictions apply,

Special either-sex deer regulation applies on private lands,

ARLINGTON ▲◆ Local firearms ordinances prohibit the discharge of firearms in Arlington County



West of the Blue Ridge

East of the Blue Ridge

# THE DEER MANAGEMENT PROJECT

ARLINGTON COUNTY PARKS AND RECREATION

**Arlington's forested parks have too many deer.**



New data collected as part of this project shows that overpopulated white-tailed deer are harming the Arlington's forests-- affecting not only plants and other wildlife, but the deer themselves. This project aims to identify ways to protect County-owned natural land parks so that all the plants and animals that are a part of the County's ecosystem can live and thrive here.

**The Facts:**

**100%** of the **12** parks surveyed showed damage from deer overpopulation.

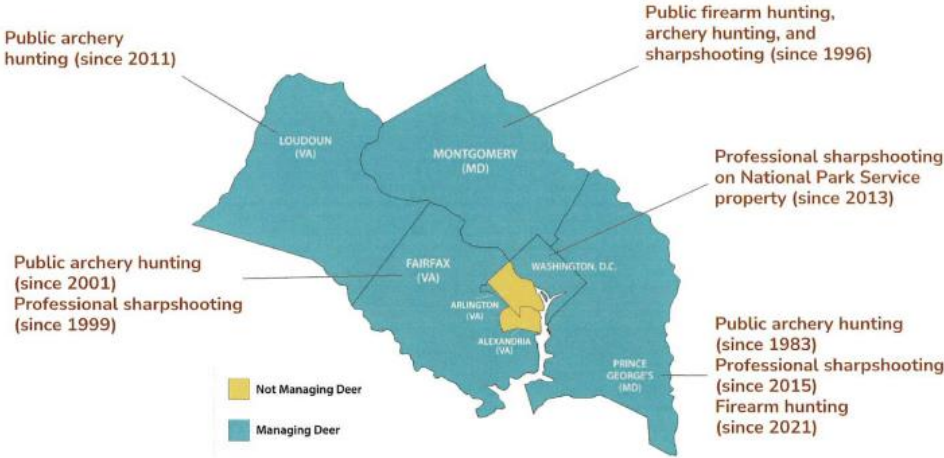
Arlington's **12** surveyed parks had an average deer density of **124** deer per square mile in 2021. Research recommends no more than **15 to 20** deer per square mile for forest regeneration.

**1.9 to 17x** Deer population in Arlington's surveyed parks ranged from **1.9 to 17** times higher than recommended levels in 2021.

**The Impacts:**  
Many of Arlington's native plants are being eaten faster than they can regenerate.



## How is deer management on public property being addressed throughout the region?



## What management strategies are the County considering?

- **Professional Sharpshooting:** A lethal technique employing professional sharpshooters to reduce the deer population.
  - **Surgical Sterilization:** A non-lethal technique where licensed veterinarians surgically sterilize female deer.
  - **Public Archery:** A lethal technique using vetted, public volunteer archers to reduce deer populations.
  - **Fencing:** The enclosure of entire parks or individual plants in fencing taller than 8 feet to physically barricade deer.
  - **Repellents:** Homemade or commercially-available products are applied to plants that make them unpalatable to deer.
- The County will engage residents and stakeholders on these options in 2024 before making a final decision on its deer management strategy.



Visit the project webpage to learn more and sign up for regular updates. There you will find much to explore with background information, a story map, survey findings, explainer videos, a project timeline and more. Scan the QR code or go to [Arlingtonva.us](http://Arlingtonva.us) and search "Deer Management Project".



# FAIRFAX COUNTY DEER MANAGEMENT PROGRAM



August 2024

Katherine Edwards, Ph.D., Certified Wildlife Biologist®  
Wildlife Management Specialist  
Fairfax County Police Department, Animal Services Division

Sergeant Earit Powell, Animal Protection Police  
Fairfax County Police Department, Animal Services Division

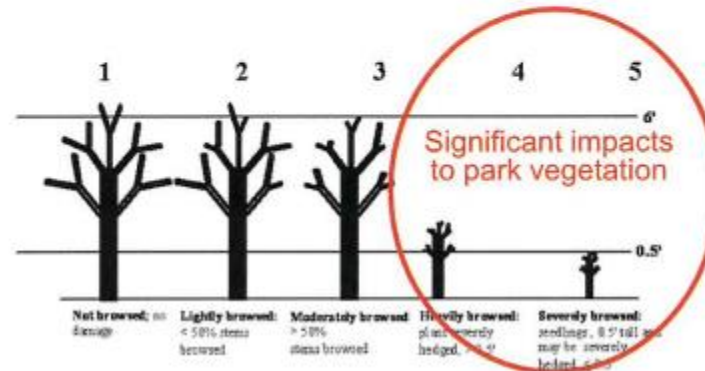


## Fairfax County Deer Management Program

- Approved by the Fairfax County Board of Supervisors in 1998
- Implemented by the Fairfax County Police Department in collaboration with the Fairfax County Park Authority, NOVA Parks, and other stakeholders
- Safety Concerns
- Health Concerns (public health and herd health)
- Ecological Damage

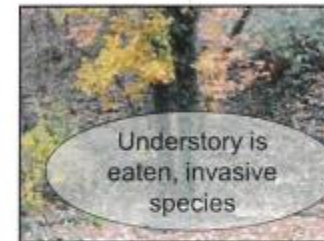


## Deer Management Data Collection - Browse Surveys



Seedlings > 0.5' provide best evidence of browsing damage. Under severe deer browsing, seedlings may never exceed 0.5' tall and will be severely hedged\*: deer browsing keeps them suppressed below 0.5'. Small, current year seedlings may never grow above 0.5' under severe deer browsing.

\* Severely hedged = seedling browsed repeatedly over years; all stems short, thick, with "bonsai" appearance.



## Ecological Impacts

1. Consumption of seedlings and saplings hinders forest regeneration
2. Forest structure impaired, understory layers removed and overstory simplified
3. Forest composition changed for decades
4. Loss of Ecosystem Services (clean water, clean air)
5. Loss of biodiversity



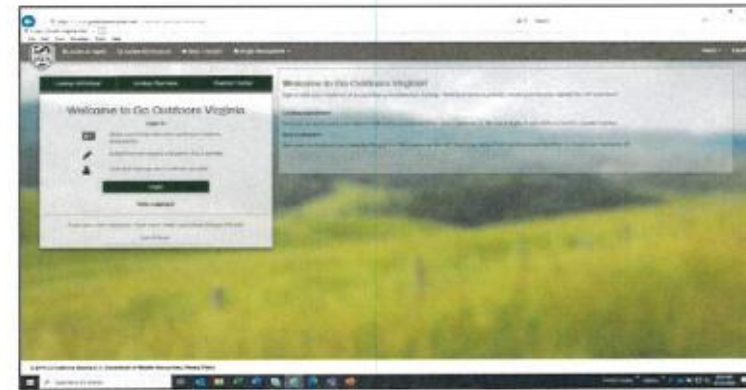


## Fairfax County Deer Management Program

- Based on best practices for deer management, deer census data, environmental impact studies, and peer-reviewed scientific literature
- Utilization of current *state-approved* deer population control tools:
  - Archery
  - Firearms managed hunts
  - Sharpshooting
- Utilization of currently available deer management tools:
  - Humane Exclusion, Repellency and Habitat Modification
- Collaboration with Private & Public Property Owners

## Fairfax County Deer Management Program – Managed Hunts

- Managed firearms hunt - Qualifications and lottery system
- Area is secured by Fairfax County Police Department personnel
- Hunting is only permitted in designated hunt areas from elevated tree stands (Sully Woodlands - Appendix J area of County)
- Operated under a deer population control permit (DPOP)
- All harvested deer must be taken to the designated check station for data collection (weight, age, sex) and tagging



## Fairfax County Deer Management Program - Sharpshooting

- Night-time operations conducted by Fairfax County Police Department
- Park is secured and operation is conducted when parks are closed to the public
- Shooting at static locations over bait from elevated position, such as a ladder stand or lift, using ground as natural backstop
- Thermal imaging and suppressed firearms
- Camera stations set up at each location to monitor deer
- Venison donated to local food banks, including Hunters for the Hungry

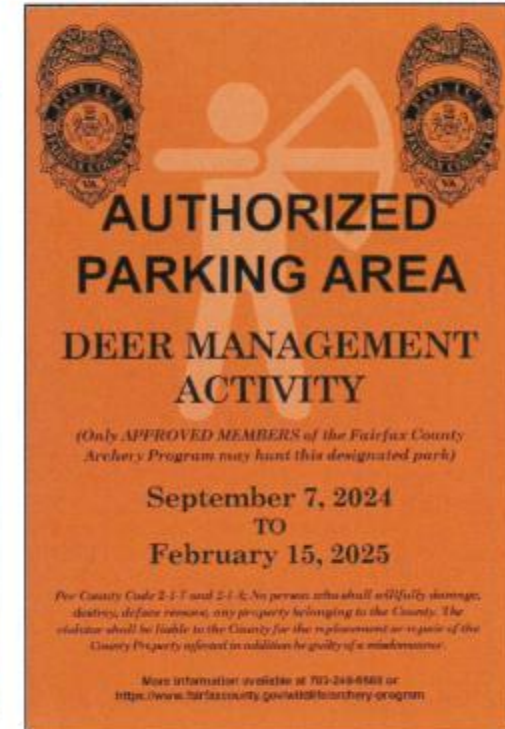
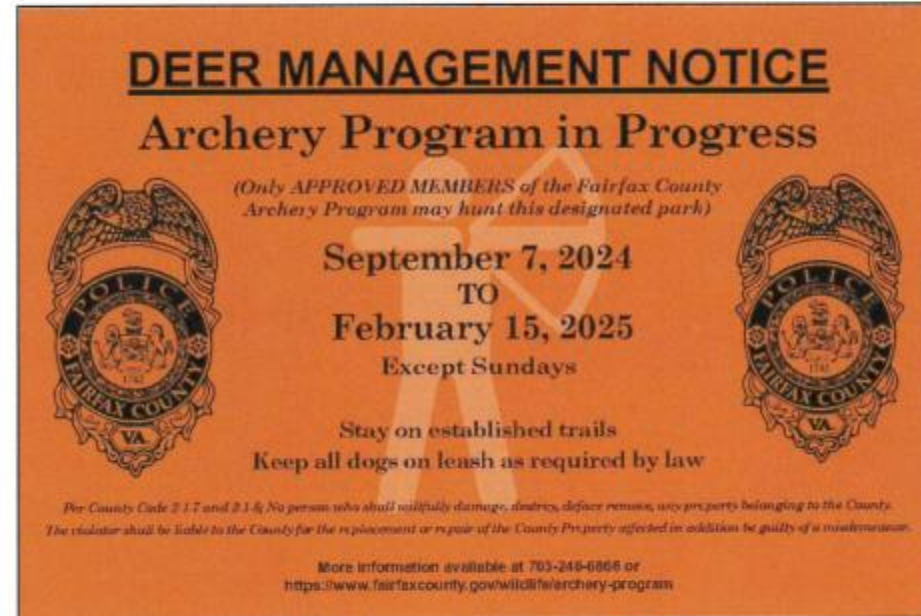


## Fairfax County Deer Management Program - Archery

- Operated on public lands - Over 100 parks and county properties in the program (>80% of county parkland)
- Upcoming FY 2025 Program Dates:  
September 7, 2024 – February 15, 2025
- Hunting is allowed Monday through Saturday  
(no Sunday hunting in parks)
- Legal hunting hours: 30 minutes prior to sunrise until  
30 minutes past sunset
- Parks remain fully open to the public
- Zero safety incidents since program's inception

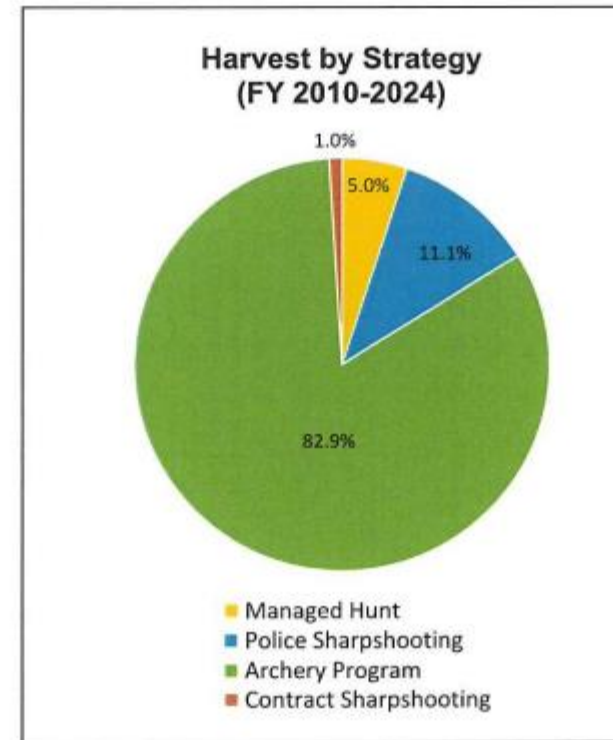
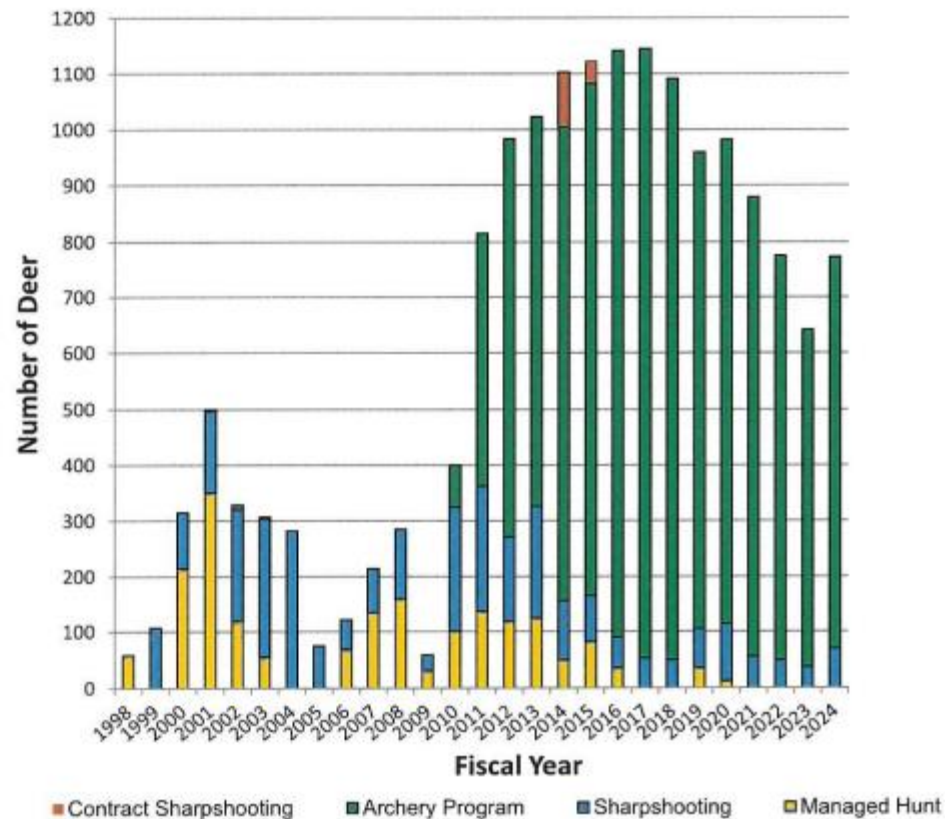


## Fairfax County Deer Management Program - Archery



Archery program signs (left/center) are posted at park entrances and trailheads. Hunters can only park at authorized parking areas labeled with signs (right).

## Fairfax County Deer Management Program Harvest Totals (FY 1998-2024)



## Fairfax County Deer Management Program Summary Statistics (FY 2024)

Archery Program Locations	Archery Harvest				Total
	Doe	Button Buck	Antlered Buck	Antlerless Buck	
Accotink Stream Valley Cluster	23	2	11	0	36
Bull Run Marina Cluster	4	0	3	0	7
Bull Run Regional Park Cluster	10	3	11	0	24
Clifton Cluster	11	0	10	1	22
Colvin Run Cluster	18	6	15	0	39
Cub Run Cluster	33	7	27	0	67
Elklick Cluster	30	4	13	1	48
Fairfax Station Cluster	10	4	7	0	21
Fountainhead Cluster	6	1	9	0	16
Great Falls Cluster	36	2	24	0	62
Huntley Meadows Cluster	48	5	28	2	83
Lake Accotink Cluster	30	4	10	0	44
Laurel Hill Cluster	28	12	18	1	59
Pohick Stream Valley Cluster	13	0	6	0	19
Reston Cluster	16	3	15	0	34
South Run Cluster	5	2	4	1	12
Sugarland Cluster	21	7	19	0	47
Vienna Cluster	36	8	18	1	63
<b>Sex Ratio &amp; Yearly Total</b>	<b>378</b>	<b>70</b>	<b>248</b>	<b>7</b>	<b>703</b>

Sharpshooting Operation Locations	Sharpshooting Harvest				
	Doe	BB*	Antlered Buck	Antlerless Buck	Total
Bren Mar Park/Turkeycock Run Stream Valley	0	0	1	0	1
Bull Neck Stream Valley	6	3	5	0	14
Dranesville Tavern	6	0	1	0	7
Foxstone Park	1	0	0	0	1
Frying Pan Farm Park	7	1	4	1	13
Grove Point Park	1	0	0	0	1
Huntley Meadows	3	0	2	0	5
Lake Fairfax	6	1	9	2	18
Spring Hill District Park	4	0	6	0	10
<b>Sex Ratio &amp; Yearly Total</b>	<b>35</b>	<b>5</b>	<b>28</b>	<b>3</b>	<b>70</b>

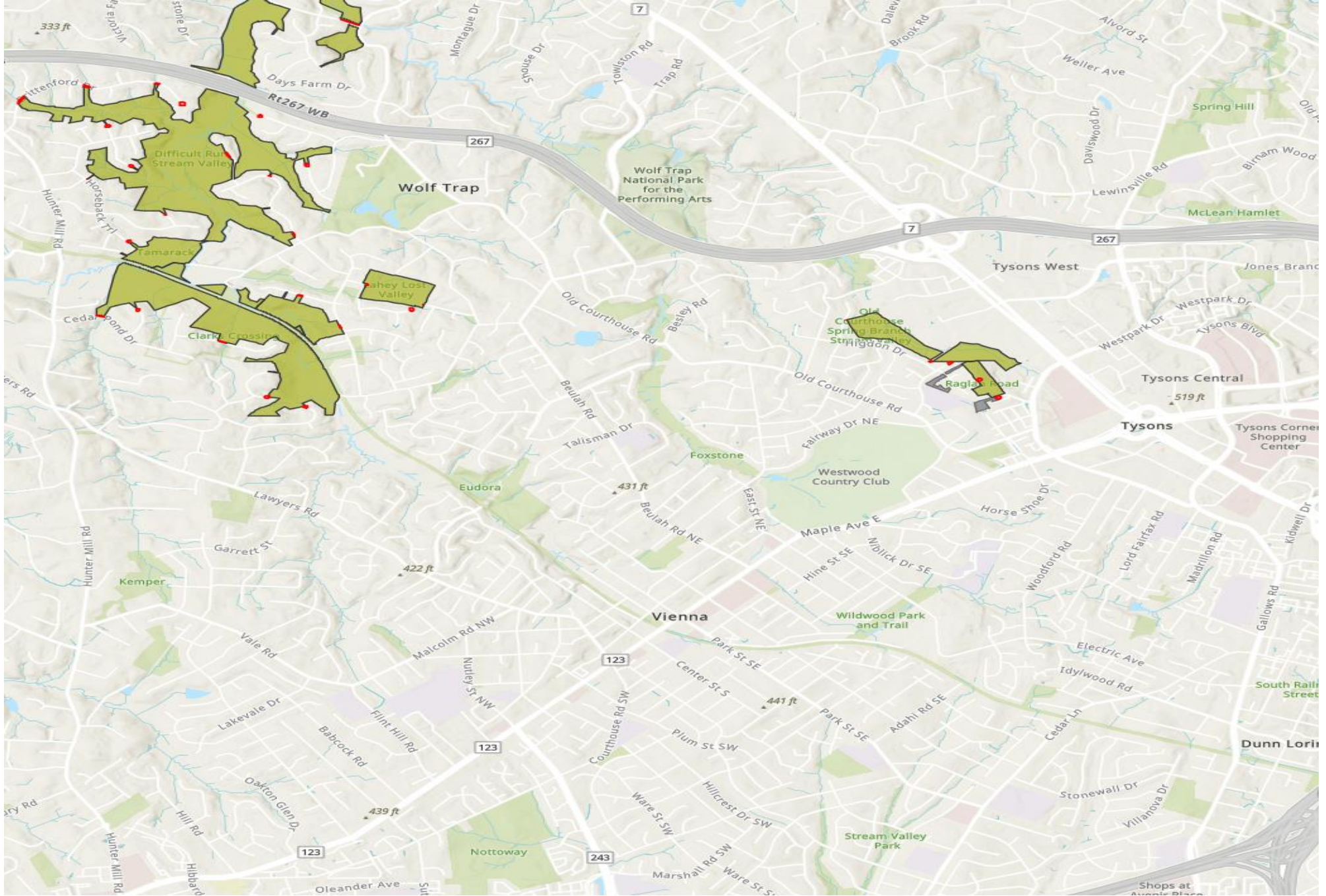
**FY24 Deer Management Program Harvest Total: 773 Deer**

**FY24 Non-Recovery Total: 11.05%**

## **Vienna Cluster**

Clarks Crossing Park	124	
Difficult Run Stream Valley		237
Lahey Lost Valley Park		23
Old Courthouse Spring Branch		33
Raglan Road Park	8	
Tamarack Park	21	





# TOWN OF VIENNA

## GEOGRAPHIC INFORMATION SYSTEMS

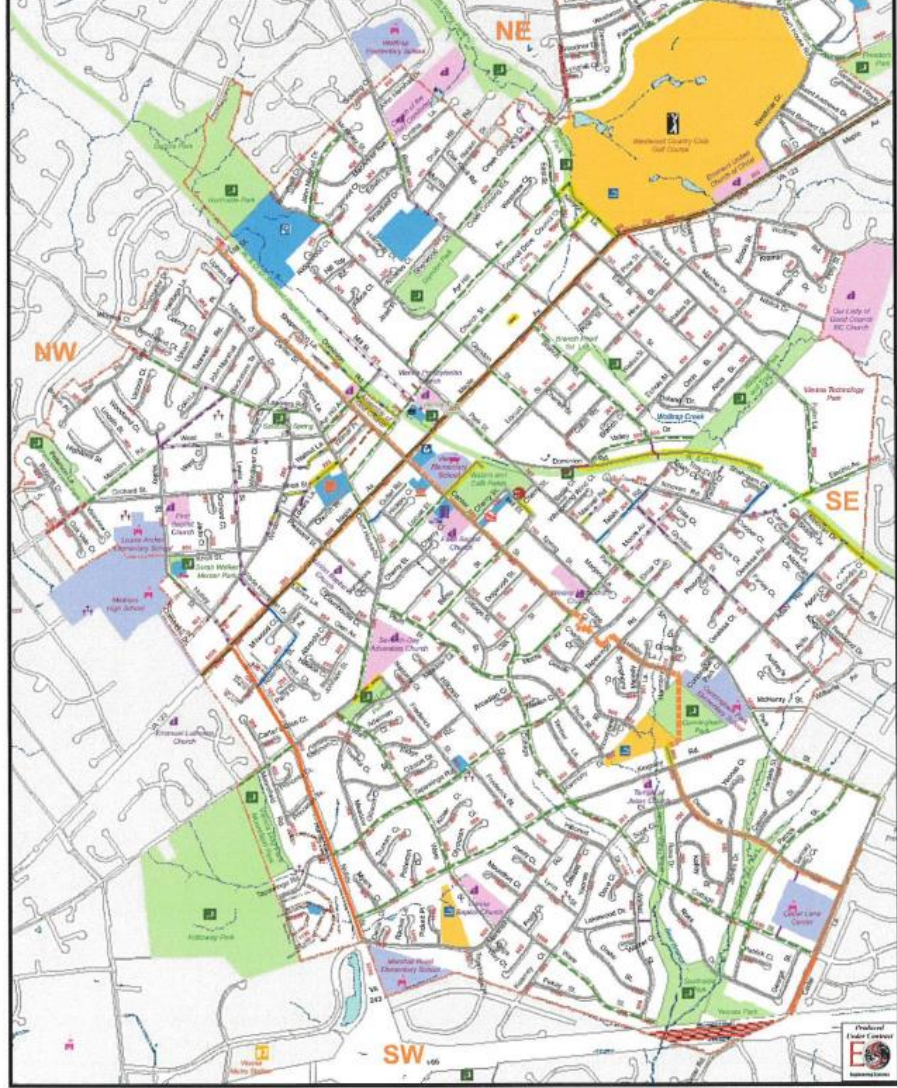
Planning and Zoning Department  
**Official Map**  
 1:14,400  
 500 250 0 500 1,000 1,500  
 Feet  
 1 inch = 1,200 feet  
 This map was adopted by the Mayor and Town Council on March 27, 2011.  
 Reference # 31

- |                              |                           |                  |
|------------------------------|---------------------------|------------------|
| <b>Width of Right of Way</b> | <b>Points of Interest</b> | <b>Utilities</b> |
| 30'                          | Reservoir House           | Water            |
| 35'                          | Restroom                  | Gas              |
| 40'                          | Restroom                  | Electric         |
| 45'                          | Restroom                  | Telephone        |
| 50'                          | Restroom                  | Cable            |
| 55'                          | Restroom                  | Optical Fiber    |
| 60'                          | Restroom                  | Optical Fiber    |
| 65'                          | Restroom                  | Optical Fiber    |
| 70'                          | Restroom                  | Optical Fiber    |
| 75'                          | Restroom                  | Optical Fiber    |
| 80'                          | Restroom                  | Optical Fiber    |
| 85'                          | Restroom                  | Optical Fiber    |
| 90'                          | Restroom                  | Optical Fiber    |
| 95'                          | Restroom                  | Optical Fiber    |
| 100'                         | Restroom                  | Optical Fiber    |
| 105'                         | Restroom                  | Optical Fiber    |
| 110'                         | Restroom                  | Optical Fiber    |
| 115'                         | Restroom                  | Optical Fiber    |
| 120'                         | Restroom                  | Optical Fiber    |
| 125'                         | Restroom                  | Optical Fiber    |
| 130'                         | Restroom                  | Optical Fiber    |
| 135'                         | Restroom                  | Optical Fiber    |
| 140'                         | Restroom                  | Optical Fiber    |
| 145'                         | Restroom                  | Optical Fiber    |
| 150'                         | Restroom                  | Optical Fiber    |
| 155'                         | Restroom                  | Optical Fiber    |
| 160'                         | Restroom                  | Optical Fiber    |
| 165'                         | Restroom                  | Optical Fiber    |
| 170'                         | Restroom                  | Optical Fiber    |
| 175'                         | Restroom                  | Optical Fiber    |
| 180'                         | Restroom                  | Optical Fiber    |
| 185'                         | Restroom                  | Optical Fiber    |
| 190'                         | Restroom                  | Optical Fiber    |
| 195'                         | Restroom                  | Optical Fiber    |
| 200'                         | Restroom                  | Optical Fiber    |

**Background**

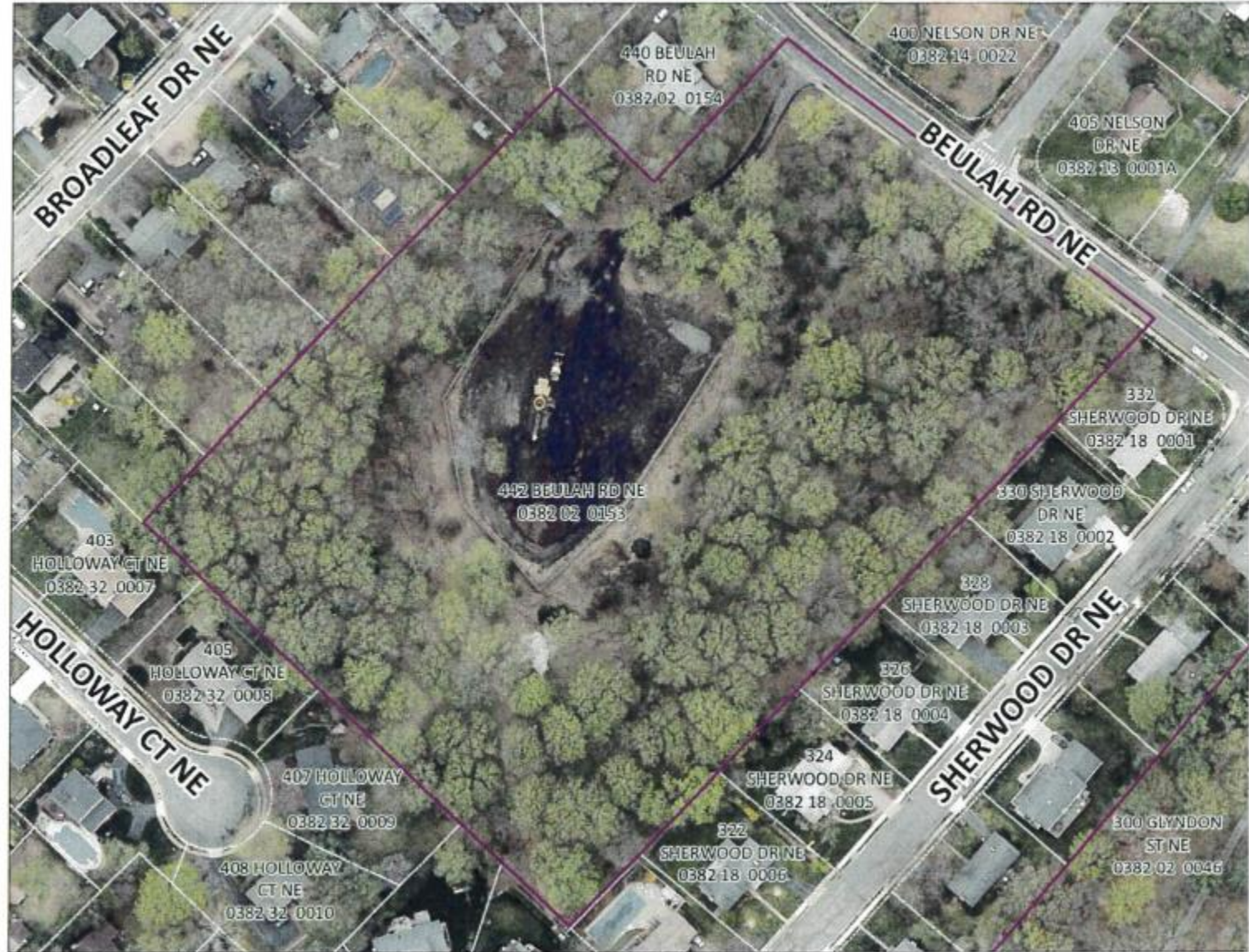
Quadrant	Right of Way	Church	Government Facility	Water Body
Boundary	Park	School	Private Recreation	

**Disclaimer:** The Town of Vienna, the County of Fairfax and Engineering Systems assumes no responsibility for losses if any, from the use of this map or any related data.  
 Date Prepared: March 24, 2011



## Site Information

**Address:** 442 Beulah Rd NE  
**Parcel ID:** 38-2 ((2)) 153  
**Zone:** RS-12.5  
**Current Use:** Mulch Yard  
**Acres:** 8  
**Square Feet:** 348,480  
**Surrounding Properties:**  
Single-family Detached  
Homes, Parkland



## Site Information

Address: N/A

Parcel ID: 38-1 ((2)) 23, 38-1 ((2)) 24, 38-1 ((34)) A

Zone: PC

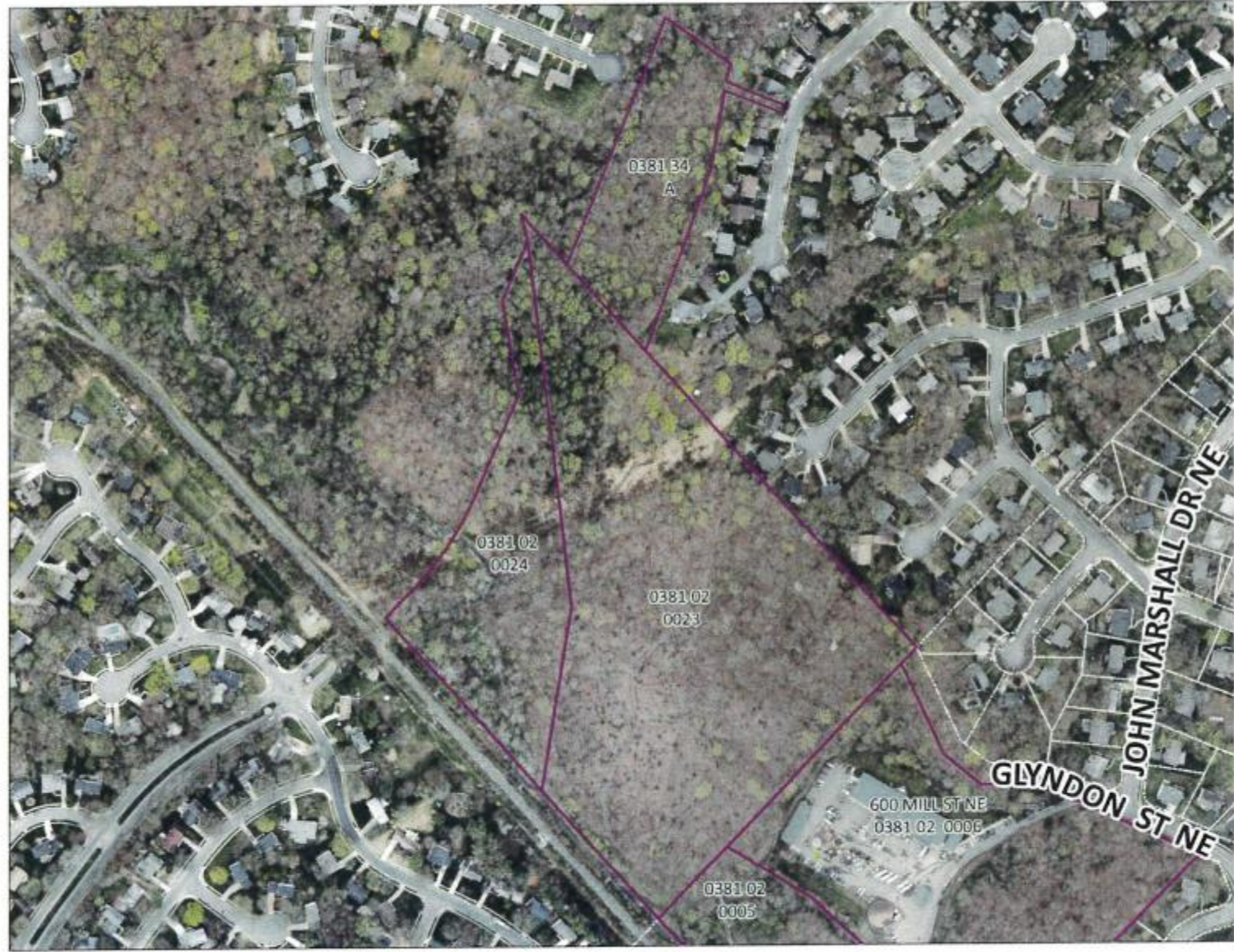
Current Use: Northside Park

Acres: 25

Square Feet: 1,090,564

Surrounding Properties:

Single-family Detached Homes, Northside Property Yard, W&OD Trail, Eudora Park



## Site Information

### Address:

Parcel ID: 38-4 ((2)) 209A, 39-1 ((2)) 5, 39-1 ((2)) 6, 39-1 ((5)) A1

Zone: PR

Current Use: Wildwood Park

Acres: 16.3

Square Feet: 709,104

### Surrounding Properties:

Single-family Detached Homes, Office Campuses, W&OD Trail



**NEXT STEPS**

- Do nothing since Parks around Town do have deer management efforts taking place.
  - Request County Deer Management Program adds additional Parks near Town, (Nottoway, Eudora)
  
- Make a formal request to Fairfax County asking them to sharpshot in Town Park(s).
  - BOS Alcorn?
  - CoEx Hill?
  - Police Chief Davis?
  
- Hire private company to sharp shoot deer in Town parks.
  - White Buffalo Inc. (Arlington)
  
- Other