



FAIRFAX COUNTY PARK AUTHORITY



M E M O R A N D U M

TO: Chairman and Members
Park Authority Board

VIA: Kirk W. Kincannon, Executive Director

FROM: Barbara Nugent, Director
Resource Management Division

DATE: May 16, 2019

Agenda

**Resource Management Committee
(Committee of the Whole)
Wednesday, May 22, 2019 – 6 p.m.
Boardroom – Herrity Building
Chairman: Maggie Godbold
Vice Chair: Linwood Gorham**

1. Deer Management Plan – Information*
2. Watch the Green Grow: Encroachment Update (with presentation) – Information*
3. Resource Management Division Bond Projects for FY20 Workplan– Discussion*

*Enclosures



If accommodations and/or alternative formats are needed, please call (703) 324-8563. TTY (703) 803-3354

INFORMATION (with presentation)

Deer Management Plan

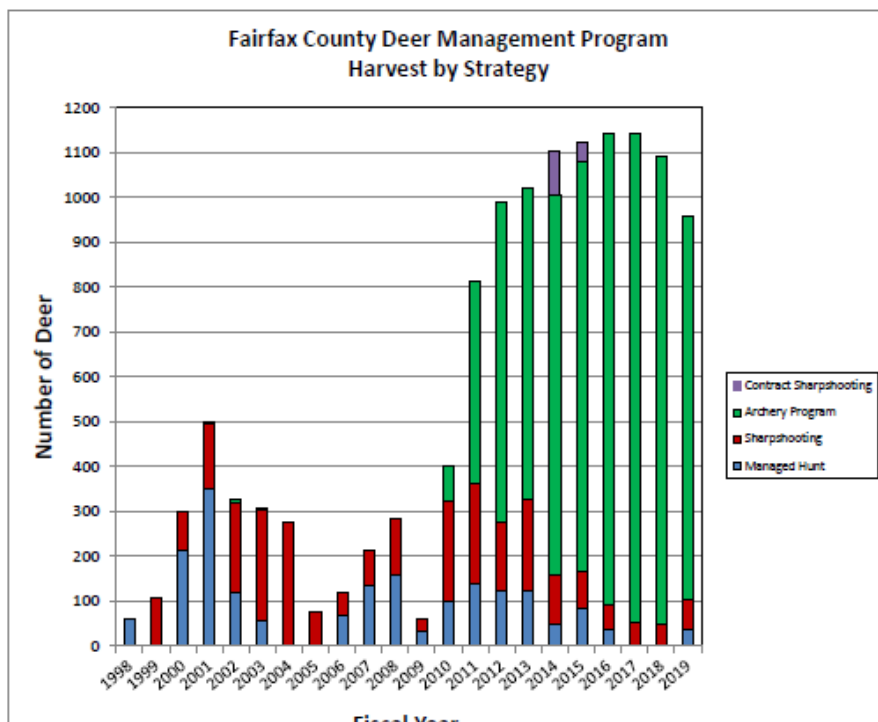
The Park Authority has been participating in the Fairfax County Deer Management Program since its inception in 1998. Fairfax County has an abundant local white-tailed deer population. The primary objective of the program is deer population control on public parklands to protect human health and safety, reduce environmental damage and maintain healthy deer herds. The program includes approximately 90 FCPA parks and three treatment methods (archery, managed shotgun hunts, and sharpshooting).

Each year the Park Authority Board receives information about the deer management activities planned for the coming fiscal year, as overseen and implemented by the Fairfax County Police Department.

Summary for FY19 (2018-2019)

Attachment 1 summarizes deer harvest results by park and treatment method for the previous season of the Fairfax County Deer Management Program. The three approved treatment methods include: archery hunting, managed shotgun hunts, and police sharpshooting. There are currently no non-lethal methods approved for deer population control in Virginia.

Deer herd reduction activities took place at 94 FCPA parks with 781 deer removed (959 in total including non-FCPA properties).



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Archery continues to be the most cost-effective and successful method of herd management, representing 89% of the total program harvest last season. Last season, 578 volunteers participated in the archery program donating 42,732.5 hours of hunting and scouting hours, for an average of 74 hours per volunteer. These volunteers were organized into 18 hunt clusters and were individually screened and qualified to participate by the Fairfax County Police Department. Fairfax County insures these volunteers under its general liability policy.

Three managed shotgun hunts were held within the Sully Woodlands park cluster in FY19.

Sharpshooting was conducted at four parks: Annandale, Huntley Meadows, and Clermont and Loftridge.

Planned Activities for FY20 (2019-2020)

Attachment 2 summarizes the parks proposed for the upcoming season of the Deer Management Program, organized by supervisory district.

Parks are recommended for the program based on one or more of the following factors:

1. Public safety concerns related to deer-vehicle collisions
2. Residential complaints of deer damage near the park
3. High estimated deer population in the park (> 20 deer/sq. mile)
4. Measurable impact to park vegetation
5. High natural resource value of the park
6. At the request of the park manager

All approved hunting and parking areas will be mapped in a Geographic Information System (GIS) by July and made available online to the public as a web map linked from the Police Department's Deer Management Program website. This data is also made accessible to all county employees within the SDE data system.

The archery season will be conducted from Saturday, September 7, 2019 - Saturday, February 22, 2020. There are five new parks proposed for the archery program in FY20: Eudora, Oak Marr (undeveloped portions), Tattersall, Clermont and Loftridge Parks. Expansions to the existing hunting areas are proposed for Lake Fairfax Park and Ellanor C. Lawrence Park.

Lee District Park is proposed to be added back to the archery program, after being removed in FY18 due to low harvest/hunter effort.

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The following parks are proposed to be added to the sharpshooting schedule for FY20: Frying Pan Farm (pending a deer density survey this summer), Bren Mar/Turkeycock Run Stream Valley, Chapel Road and Green Spring Gardens. All these parks have received sharpshooting in prior years, but not last year.

Additionally, Clermont and Loftridge is being proposed as a possible archery and/or sharpshooting location. Sharpshooting as a stand-alone method has been difficult to implement at this location; operations over the past two years have resulted in low harvests, due to inclement weather and neighborhood disturbances that impacted operations. As such, staff have recommended a switch to archery as the preferred method; or, a combination of a shortened archery season followed by sharpshooting in the late season could be implemented.

One managed shotgun hunt will be scheduled in the Sully Woodlands area during the upcoming season at the recommendation of the Police Department, on Wednesday, December 11, 2019 when the parks will be closed from early morning through mid-afternoon using personnel from the Police Department.

At Elklick Preserve, Rock Hill District Park and Mountain Road District Park, a combination of archery and managed hunting will be implemented. At Richard W. Jones Park (Pleasant Valley Golf Course), only the managed hunt will be conducted.

Notification letters will be mailed to property owners adjacent to approved park sites in July 2019. Over 20,000 letters were mailed in FY19. Three Public Information Meetings will also be held in August 2019:

FY20 Deer Management Program Public Information Meetings

1. Date: August 8, 2019
Time: 7:00 p.m. to 8:00 p.m.
Fairfax County Government Center
12000 Government Center Pkwy. Fairfax, VA 22035
2. Date: August 13, 2019
Time: 7:00 p.m. to 8:00 p.m.
North County Government Center
1801 Cameron Glen Dr., Reston VA 20190
3. Date: August 22, 2019
Time: 7:00 p.m. to 8:00 p.m.
Mount Vernon Governmental Center
2511 Parkers Lane Alexandria, VA 22306

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Data Collection Efforts

Data collection efforts in FY20 focus on the following components of the program:

- 1) Evaluating the browse impact of deer on native vegetation
- 2) Conducting deer density estimates with game camera surveys
- 3) Collecting herd health data at check stations over the course of the season

Browse Impact Surveys

Approximately 500 permanent vegetation plots have been established by park staff in 61 parks included in the Deer Management Program. One-fifth of the plots will be surveyed each year, for a return interval of every five years. Impacts to native woody vegetation are measured at each plot location.

Camera Surveys

In August 2018, camera surveys to estimate deer density were conducted in 17 parks.

For August 2019, camera surveys are planned for 20 parks.

Herd Health Data

Herd health data has been collected periodically during the program's history, but not consistently for many years. The Fairfax County Wildlife Management Specialist began collecting herd health data last year from deer harvested during the managed hunts and sharpshooting operations. Staff plan to expand efforts in FY 2020 using deer check stations on select dates for the archery program and the managed hunt. Data collected will include: deer age using jawbone, dressed scale weight, antler measurements, check of hooves (sloughing/splitting as an indicator of Hemorrhagic Disease), and lactation status. Sampling for Chronic Wasting Disease (CWD) may also be incorporated (see below). Data will also be collected during night-time sharpshooting operations. Staff will coordinate with personnel from the Health Department's Disease Carrying Insects Program to collect ticks from harvested deer (dependent on scheduling and staff availability).

Chronic Wasting Disease

Chronic Wasting Disease (CWD) is an emerging, contagious neurological disease affecting white-tailed deer, mule deer, moose and elk. The disease was first confirmed

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in white-tailed deer in Virginia in Frederick County in 2009. A CWD Containment Area was established by the Virginia Department of Game and Inland Fisheries (VDGIF) that includes Shenandoah, Warren, Frederick and Clark Counties.

Surveillance for CWD in Virginia is being conducted by the VDGIF within the established Containment Area and by samples collected from taxidermists statewide. During the past hunting season, the VDGIF received 1,600 samples submitted by participating taxidermists and also tested over 1,550 deer harvested from Frederick, Clarke, Warren and Shenandoah counties. As of April 2019, a total of 68 deer have tested positive in Virginia since 2009.

Among the new deer that tested positive, the VDGIF recently confirmed CWD in a male deer legally harvested in Culpeper County in November 2018. At the time this deer was harvested, the hunter did not notice any outward signs of disease and the buck appeared to be in good condition. While CWD has been documented in northwest Virginia for over nine years, this deer was harvested more than 40 miles from the nearest CWD-positive deer in Frederick or Shenandoah counties.

In 2019, after the detection of CWD in Culpeper County and the subsequent need to create a second CWD response/management area in Virginia, the Department elected to utilize the term CWD Disease Management Area (DMA) instead of CWD Containment Area to delineate affected counties. VDGIF will conduct preliminary disease surveillance in Culpeper and surrounding counties this spring and summer to make preliminary assessments about the occurrence of the disease. The VDGIF is in the process of determining the most appropriate measures moving forward for Culpeper and surrounding counties, which may include the delineation of a DMA, carcass movement restrictions, feeding restrictions, and enhanced surveillance for CWD. The border of the new CWD DMA has not yet been established by the VDGIF but will be released to the public in advance of the 2019 fall hunting season.

Through correspondence between the Fairfax County Wildlife Management Specialist and the VDGIF, *it does not appear* that the new DMA will likely impact our deer management operations for the upcoming season. Although CWD testing of harvested deer is not required by the VDGIF in Fairfax County at this time, county wildlife staff are investigating training staff to collect samples from deer harvested under the Fairfax County Deer Management Program during the 2019-2020 season. Currently, CWD testing services for deer harvested outside a DMA are available through the Virginia Department of Agriculture and Consumer Services (VDACS), but submission of deer for testing is at the discretion of each hunter and hunters must transport the deer to the lab and cover the cost of sampling (\$35/deer). The Fairfax County Wildlife Management Specialist will continue to communicate with the VDGIF to determine if any additional actions need to be taken in Fairfax County relative to this disease in the future.

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FISCAL IMPACT:

The Police Department dedicates time of one Wildlife Management Specialist (Katherine Edwards, Ph.D.) and one Animal Protection Police Supervisor (Sergeant Earit Powell), with two limited term Assistant Wildlife Biologist positions and one seasonal assistant supporting field tasks during the hunt season. Additional overtime is authorized as needed for Police Department personnel to provide sharpshooting services and security during night-time sharpshooting operations and daytime managed hunts.

The Park Authority dedicates 1/3 time of one Ecologist III (Kristen Sinclair) to support the Deer Management Program.

ENCLOSED DOCUMENTS:

Attachment 1 - FY 2019 Deer Harvest Totals for Fairfax County Parks

Attachment 2 - FY 2020 Proposed Deer Management Sites by Supervisory District

STAFF:

Kirk W. Kincannon, Executive Director

Aimee Vosper, Deputy Director/CBD

Sara Baldwin, Deputy Director/COO

Barbara Nugent, Director, Resource Management Division

Kristen Sinclair, Ecologist, Resource Management Division

Cindy Walsh, Director, Park Services Division

Todd Johnson, Director, Park Operations Division

Judy Pedersen, Public Information Officer

**Fairfax County Deer Management Program
FY 2019 Deer Harvest Totals**

| Archery | |
|---|---------------------------------|
| Cluster Name | Number of Deer Harvested |
| 1 - Accotink Stream Valley Cluster | 26 |
| Accotink Stream Valley Park | 9 |
| Brookfield Park | 3 |
| Carrleigh Parkway | 0 |
| Eakin Community Park | 10 |
| Eakin Park (Mantua Section) | 1 |
| Hunter Village Park | 3 |
| Sally Ormsby Park | 0 |
| 2 – Bull Run Marina Cluster | 27 |
| Bull Run Marina* | 12 |
| Hemlock Overlook* | 15 |
| 3- Bull Run Regional Park | 26 |
| Bull Run Regional Park* | 26 |
| 4 - Clifton Cluster | 61 |
| Bull Run Regional Park South* | 20 |
| Confederate Fortifications | 8 |
| Johnny Moore Stream Valley | 33 |
| 5 - Colvin Run Cluster | 46 |
| Colvin Run Mill Park | 17 |
| Colvin Run Stream Valley | 6 |
| Difficult Run Stream Valley (Colvin) | 10 |
| Lake Fairfax Park | 8 |
| Wolftrap Stream Valley | 5 |
| 6 - Cub Run Cluster | 80 |
| Cub Run Stream Valley | 19 |
| Ellanor C. Lawrence Park | 39 |
| Flatlick Stream Valley | 3 |
| Rocky Run Stream Valley | 19 |
| 7 - Elklick Cluster | 93 |
| Elklick Preserve (includes Halifax Point District Park) | 44 |
| Hickory Forest Park | 1 |
| Horsepen Run Stream Valley | 8 |
| Merrybrook Run Stream Valley | 1 |
| Mountain Road Park | 11 |
| Poplar Ford Park | 13 |
| Rock Hill District Park | 3 |
| Sully Historic Site | 12 |

| Archery | |
|---|-----------|
| 8- Fairfax Station Cluster | 32 |
| Lincoln Lewis-Vannoy Park | 4 |
| Patriot Park | 8 |
| Piney Branch Stream Valley | 15 |
| Popes Head Park | 3 |
| Rocky Run Stream Valley (Portion) | 1 |
| Willow Pond | 1 |
| 9 - Fountainhead Cluster | 32 |
| Fountainhead Regional Park* | 18 |
| Sandy Run Regional Park* | 14 |
| 10 - Great Falls Cluster | 63 |
| Hickory Run School Site** | 1 |
| Langley Oaks Park | 9 |
| Lexington Estates Park | 7 |
| Pimmit Run Stream Valley | 11 |
| Riverbend Park | 24 |
| Scotts Run Nature Preserve | 6 |
| Windemere Park | 5 |
| 11 - Huntley Meadows | 83 |
| Amberleigh Park | 1 |
| Deerlick Park | 1 |
| Dogue Creek Stream Valley (combined with Huntley) | 0 |
| Fairchild Property** | 0 |
| Holmes Run Stream Valley | 19 |
| Huntley Meadows | 34 |
| Island Creek Park | 3 |
| John Byers Park | 5 |
| Lillian Carey Park | 7 |
| Little Hunting Creek | 0 |
| Mason District Park | 7 |
| Mount Vernon District Park | 3 |
| Roundtree Park | 0 |
| Woodlawn Park | 3 |
| 12 - Lake Accotink Cluster | 17 |
| Americana Park (combined with Wakefield) | 0 |
| Lake Accotink | 13 |
| Long Branch Stream Valley | 3 |
| Wakefield Park | 1 |

Archery

| Cluster Name | Number of Deer Harvested |
|--|--------------------------|
| 13 - Laurel Hill Cluster | 73 |
| BOS Property Mt. Vernon** | 14 |
| Laurel Hill Park & Golf Course | 40 |
| Mason Neck West | 6 |
| Newington Heights | 0 |
| Noman Cole Plant** | 1 |
| Old Colchester Park & Preserve | 5 |
| Pohick Bay Regional Park* | 7 |
| 14 - Pohick Stream Valley Cluster | 56 |
| Burke Station Park | 5 |
| Cherry Run Park | 0 |
| Crooked Creek Park | 3 |
| Greentree Village Park | 0 |
| Huntsman Lake | 8 |
| Kings Park West | 4 |
| Middle Run Stream Valley Park | 5 |
| Pohick Stream Valley | 20 |
| Shannon Station Park | 7 |
| West Springfield Village Park | 4 |
| 15 - Reston Cluster | 33 |
| Difficult Run Stream Valley (Reston) | 12 |
| Foxvale Park | 3 |
| Fred Crabtree Park | 4 |
| Garnchayne | 1 |
| Little Difficult Run Stream Valley | 12 |
| Waples Mill Meadow | 1 |
| 16 - South Run Cluster | 20 |
| Brimstone Park | 0 |
| Burke Lake | 8 |
| Lake Mercer Park | 4 |
| Poburn Woods Park | 1 |
| Sandy Run Stream Valley | 1 |
| South Run District Park | 3 |
| South Run Stream Valley | 3 |
| 17 - Sugarland Run Cluster | 54 |
| Folly Lick Stream Valley | 6 |
| Shaker Woods Park | 4 |
| Sugarland Run Stream Valley | 18 |
| TNC Fraser Preserve*** | 12 |
| Upper Potomac* | 14 |

| Archery | |
|---|---------------------------------|
| Cluster Name | Number of Deer Harvested |
| 18 - Vienna Cluster | 32 |
| Clarks Crossing Park | 13 |
| Difficult Run Stream Valley (Vienna) | 16 |
| Lahey Lost Valley Park | 3 |
| Tamarack Park | 0 |
| Chapel Road (not assigned a cluster) | 0 |
| Archery Total for All Properties | 854 |
| FCPA Total | 700 |
| *NOVA Parks Total | 126 |
| **BOS/Other County Property | 16 |
| *** TNC Property | 12 |

| Managed Shotgun Hunts | | |
|-----------------------------------|-------------------|---------------------------------|
| Park | Date | Number of Deer Harvested |
| Sully Woodlands | November 28, 2018 | 28 |
| Sully Woodlands | January 9, 2019 | 3 |
| Sully Woodlands | February 6, 2019 | 5 |
| Managed Shotgun Hunt Total | | 36 |

| Police Sharpshooting Operations | |
|---|---------------------------------|
| Park | Number of Deer Harvested |
| Annandale Community Park | 6 |
| Bull Run Regional Park (NOVA Parks) | 24 |
| Clermont Park/Loftridge Park | 7 |
| Huntley Meadows Park | 32 |
| Sharpshooting Total for All Properties | 69 |

| Program Deer Harvest Totals | |
|--|------------|
| FCPA Grand Total - All Methods | 781 |
| NOVA Parks Grand Total – All Methods | 150 |
| TNC Grand Total – All Methods | 12 |
| BOS/Other County Property – All Methods | 16 |
| Program Grand Total - All Methods | 959 |

**FAIRFAX COUNTY DEER MANAGEMENT
PROGRAM
PROPOSED FY 2020 PARKS**



| Braddock District | | | | | | | | | | | |
|---|----------------|-----------------|------------------|--------------|-------------------|----------|--|------------|---------------|---------------|---------------|
| Park Sites to be Retained for the FY 2020 Deer Management Program | | | | | | | | | | | |
| Park Name | Property Owner | Location | Proposed Methods | Hunt Acreage | Safety Evaluation | | Research | Year Added | Harvest FY 17 | Harvest FY 18 | Harvest FY 19 |
| | | | | | Completed/Date | | | | | | |
| Accotink Stream Valley Park | FCPA | Springfield | Archery | 405 | ✓ | Data NA | FLIR Survey, Camera Survey, Browse Impact Survey | FY 2012 | 27 | 20 | 9 |
| Americana Park ¹ | FCPA | Burke | Archery | 4 | ✓ | Data NA | FLIR Survey, Camera Survey | FY 2012 | -- | -- | -- |
| Carrleigh Parkway Park ² | FCPA | Springfield | Archery | 10 | ✓ | Data NA | FLIR Survey, Camera Survey | FY 2014 | -- | -- | -- |
| Crooked Creek Park | FCPA | Fairfax | Archery | 12 | ✓ | 4/8/2015 | Camera Survey, Browse Impact Survey | FY 2016 | 1 | 7 | 3 |
| Kings Park West Park | FCPA | Fairfax | Archery | 19 | ✓ | 4/8/2015 | Camera Survey, Browse Impact Survey | FY 2016 | 9 | 3 | 4 |
| Lake Accotink Park | FCPA | Burke | Archery | 407 | ✓ | Data NA | FLIR Survey, Camera Survey, Browse Impact Survey | FY 2012 | 14 | 11 | 13 |
| Long Branch Stream Valley | FCPA | Annandale | Archery | 90 | ✓ | 4/8/2015 | Camera Survey | FY 2016 | 6 | 3 | 3 |
| Piney Branch Stream Valley | FCPA | Fairfax Station | Archery | 140 | ✓ | Data NA | Browse Impact Survey | FY 2014 | 9 | 12 | 15 |
| Pohick Stream Valley Park | FCPA | Springfield | Archery | 580 | ✓ | Data NA | Browse Impact Survey | FY 2012 | 24 | 34 | 20 |
| Wakefield Park | FCPA | Burke | Archery | 161 | ✓ | Data NA | FLIR Survey, Camera Survey, Browse Impact Survey | FY 2012 | 8 | 7 | 1 |

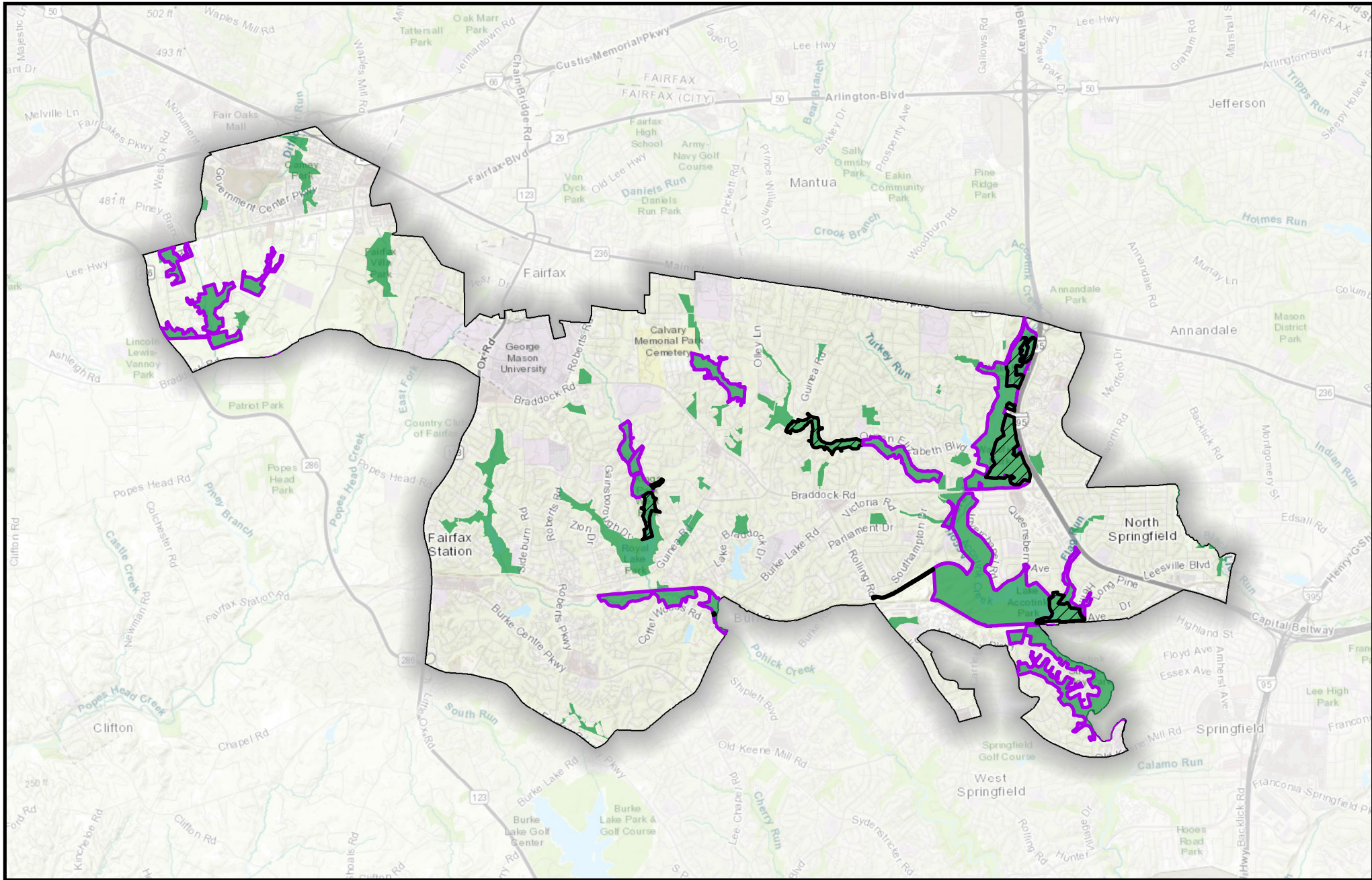
No new park additions proposed for the Braddock District in FY 2020.








¹ Harvests for Americana Park are combined with Wakefield Park.

² Harvests for Carrleigh Parkway are combined with Lake Accotink.

BRADDOCK

DEER MANAGEMENT BY SUPERVISORY DISTRICT



| | | | |
|--|--|--|---|
|  Proposed Parks FY20 |  FCPA Parks | Management Method |  No Hunting |
|  NVRPA Parks |  Archery |  Managed Hunt |  Sharpshooting |



Please Consult Online Map
for Detailed Hunting Designations:
<http://arcg.is/1KctuV>

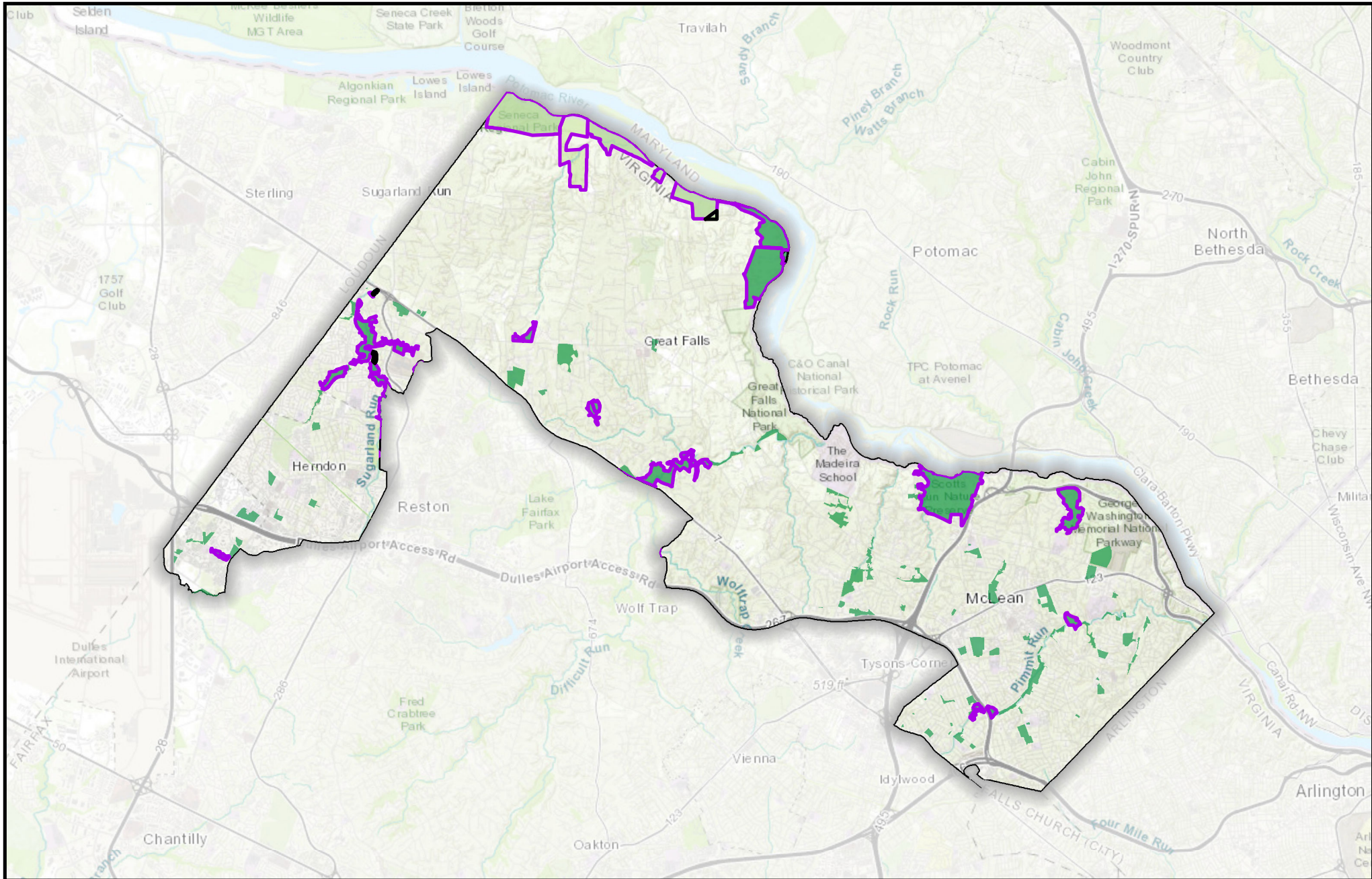
Miles








| Dranesville District | | | | | | | | | | | |
|---|------------------------|-------------|------------------|--------------|----------------------------------|-----------|--|------------|---------------|---------------|---------------|
| Park Sites to be Retained for the FY 2020 Deer Management Program | | | | | | | | | | | |
| Property Name | Property Owner | Location | Proposed Methods | Hunt Acreage | Safety Evaluation Completed/Date | | Research | Year Added | Harvest FY 17 | Harvest FY 18 | Harvest FY 19 |
| Folly Lick Stream Valley | FCPA | Herndon | Archery | 32 | ✓ | 4/10/2015 | Camera Survey, Browse Impact Survey | FY 2016 | 13 | 21 | 6 |
| Fraser Preserve | The Nature Conservancy | Great Falls | Archery | 233 | ✓ | 3/2016 | Camera Survey | FY 2017 | 26 | 29 | 12 |
| Hickory Run School Site | BOS | Great Falls | Archery | 11 | ✓ | 4/10/2015 | Camera Survey, Browse Impact Survey | FY 2016 | 2 | 2 | 1 |
| Langley Oaks Park | FCPA | McLean | Archery | 102 | ✓ | 4/10/2015 | Observations | FY 2016 | 5 | 6 | 9 |
| Lexington Estates Park | FCPA | Great Falls | Archery | 15 | ✓ | 4/10/2015 | Camera Survey, Browse Impact Survey | FY 2016 | 5 | 5 | 7 |
| Merrybrook Run Stream Valley | FCPA | Herndon | Archery | 11 | ✓ | 3/2016 | Observations | FY 2017 | 7 | 4 | 1 |
| Pimmit Run Stream Valley | FCPA | McLean | Archery | 43 | ✓ | 3/2016 | Browse Impact Survey | FY 2017 | 29 | 19 | 11 |
| Riverbend Park | FCPA | McLean | Archery | 394 | ✓ | Data NA | FLIR Survey, Camera Survey, Browse Impact Survey | FY 2012 | 17 | 19 | 24 |
| Scotts Run Nature Preserve | FCPA | McLean | Archery | 379 | ✓ | Data NA | FLIR Survey | FY 2013 | 3 | 5 | 6 |
| Shaker Woods Park | FCPA | Herndon | Archery | 14 | ✓ | Data NA | Camera Survey | FY 2015 | 5 | 4 | 4 |
| Sugarland Run Stream Valley | FCPA | Herndon | Archery | 200 | ✓ | Data NA | Camera Survey, Browse Impact Survey | FY 2012 | 36 | 43 | 18 |
| Windemere Park | FCPA | Great Falls | Archery | 24 | ✓ | 3/2016 | Observations | FY 2017 | 5 | 1 | 5 |
| Upper Potomac/Seneca Regional Park | NOVA Parks | Great Falls | Archery | 646 | ✓ | 4/20/15 | Observations | FY 2016 | 22 | 35 | 14 |

No new park additions proposed for the Dranesville District for FY 2020.

DRANESVILLE

DEER MANAGEMENT BY SUPERVISORY DISTRICT



| | | | | |
|--|--|---|---|--|
|  Proposed Parks FY20 |  FCPA Parks | Management Method |  Archery |  No Hunting |
|  NVRPA Parks |  Managed Hunt |  Sharpshooting | | |



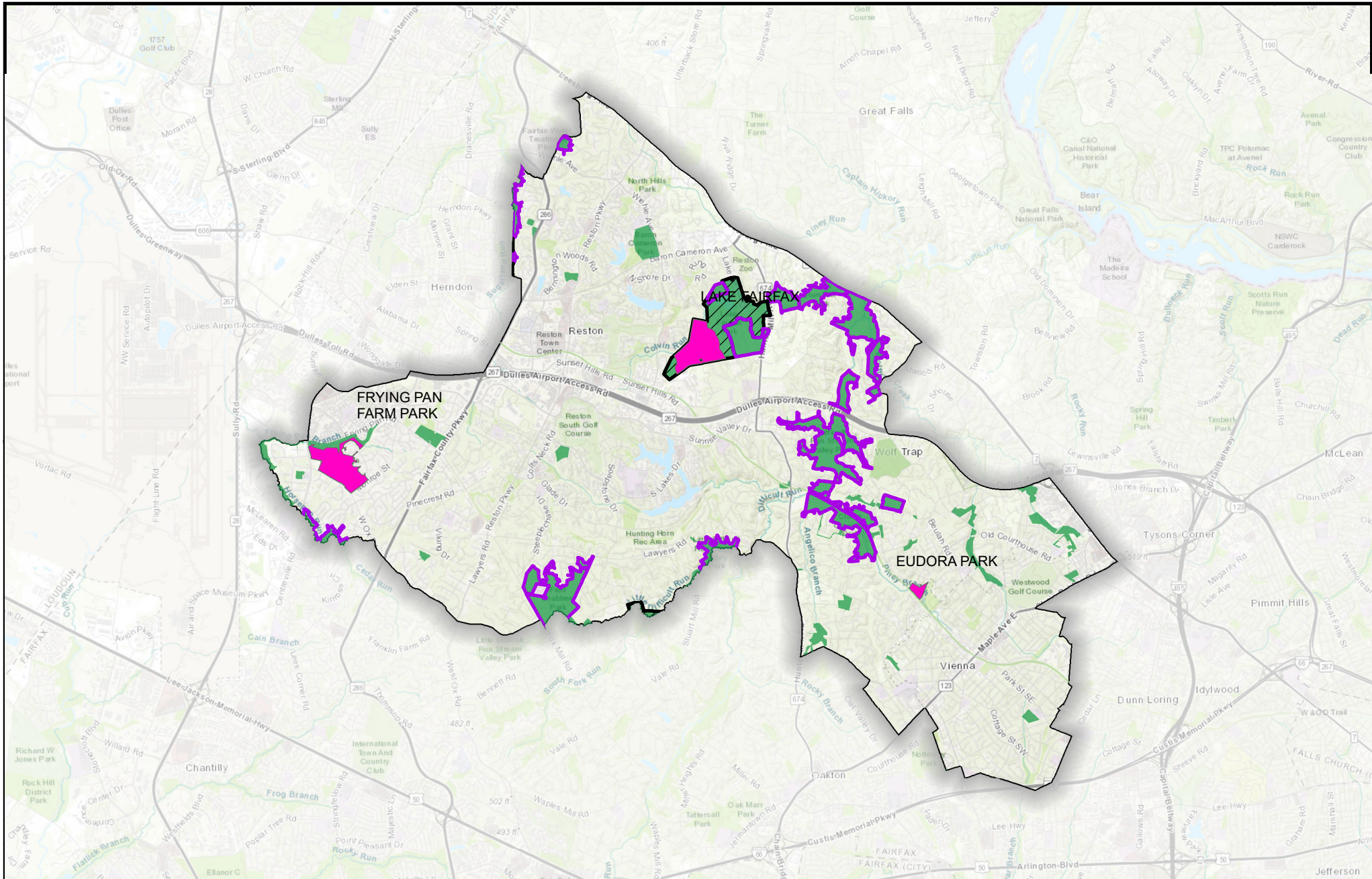
Please Consult Online Map
for Detailed Hunting Designations:
<http://arcg.is/1KCTmUv>









Miles

| Hunter Mill District | | | | | | | | | | | |
|---|----------------|-------------|------------------|--------------|----------------------------------|----------|--|------------------|---------------|---------------|---------------|
| Proposed Park Additions/Changes for the FY 2020 Deer Management Program | | | | | | | | | | | |
| Park Name | Property Owner | Location | Proposed Methods | Hunt Acreage | Safety Evaluation Completed/Date | | Research | Year Added | Harvest FY 17 | Harvest FY 18 | Harvest FY 19 |
| Eudora Park | FCPA | Vienna | Archery | 14 | ✓ | 4/1/19 | Observations | Proposed FY 2020 | -- | -- | -- |
| Frying Pan Farm Park ¹ | FCPA | Herndon | Sharpshooting | 136 | ✓ | Data NA | FLIR Survey, Camera Survey, Browse Impact Survey | Proposed FY 2020 | 13 | -- | -- |
| Lake Fairfax ² | FCPA | Reston | Archery | 244 | ✓ | Data NA | FLIR Survey, Browse Impact Survey, Camera Survey | FY 2007; FY 2011 | 8 | 15 | 8 |
| Park Sites to be Retained for the FY 2020 Deer Management Program | | | | | | | | | | | |
| Park Name | Property Owner | Location | Proposed Methods | Hunt Acreage | Safety Evaluation Completed/Date | | Research | Year Added | Harvest FY 17 | Harvest FY 18 | Harvest FY 19 |
| Clarks Crossing Park | FCPA | Vienna | Archery | 124 | ✓ | Data NA | Camera Survey | FY 2012 | 24 | 29 | 13 |
| Colvin Run Mill Park | FCPA | Great Falls | Archery | 58 | ✓ | Data NA | Camera Survey | FY 2010 | 6 | 3 | 17 |
| Colvin Run Stream Valley | FCPA | Great Falls | Archery | 44 | ✓ | Data NA | Browse Impact Survey, Camera Survey | FY 2010 | 8 | 9 | 6 |
| Difficult Run Stream Valley Park (Colvin) | FCPA | Great Falls | Archery | 285 | ✓ | Data NA | Browse Impact Survey, Camera Survey | FY 2011 | 38 | 10 | 10 |
| Difficult Run Stream Valley Park (Vienna) | FCPA | Vienna | Archery | 237 | ✓ | Data NA | Browse Impact Survey, Camera Survey | FY 2011 | 15 | 25 | 16 |
| Fred Crabtree Park | FCPA | Herndon | Archery | 208 | ✓ | Data NA | FLIR Survey, Camera Survey, Browse Impact Survey | FY 2014 | 18 | 10 | 4 |
| Horsepen Run Stream Valley Park | FCPA | Vienna | Archery | 64 | ✓ | 4/8/2015 | Observations | FY 2017 | 2 | 13 | 8 |
| Lahey Lost Valley Park | FCPA | Vienna | Archery | 23 | ✓ | Data NA | Camera Survey, Browse Impact Survey | FY 2012 | 2 | 1 | 3 |
| Little Difficult Run Stream Valley | FCPA | Reston | Archery | 63 | ✓ | 3/2017 | Browse Impact Survey | FY 2018 | | 15 | 12 |
| Tamarack Park | FCPA | Vienna | Archery | 21 | ✓ | Data NA | Camera Survey | FY 2012 | 6 | 1 | 0 |
| Wolf Trap Stream Valley Park | FCPA | Vienna | Archery | 48 | ✓ | 4/8/2015 | Camera Survey, Browse Impact Survey | FY 2016 | 8 | 3 | 5 |

¹Frying Pan Farm Park was removed from sharpshooting in FY18 and may be re-added (contingent on staff input and deer survey planned for August 2019).

²Lake Fairfax – propose to add 134 additional acres to the archery program in the wooded area to the west of the athletic fields.

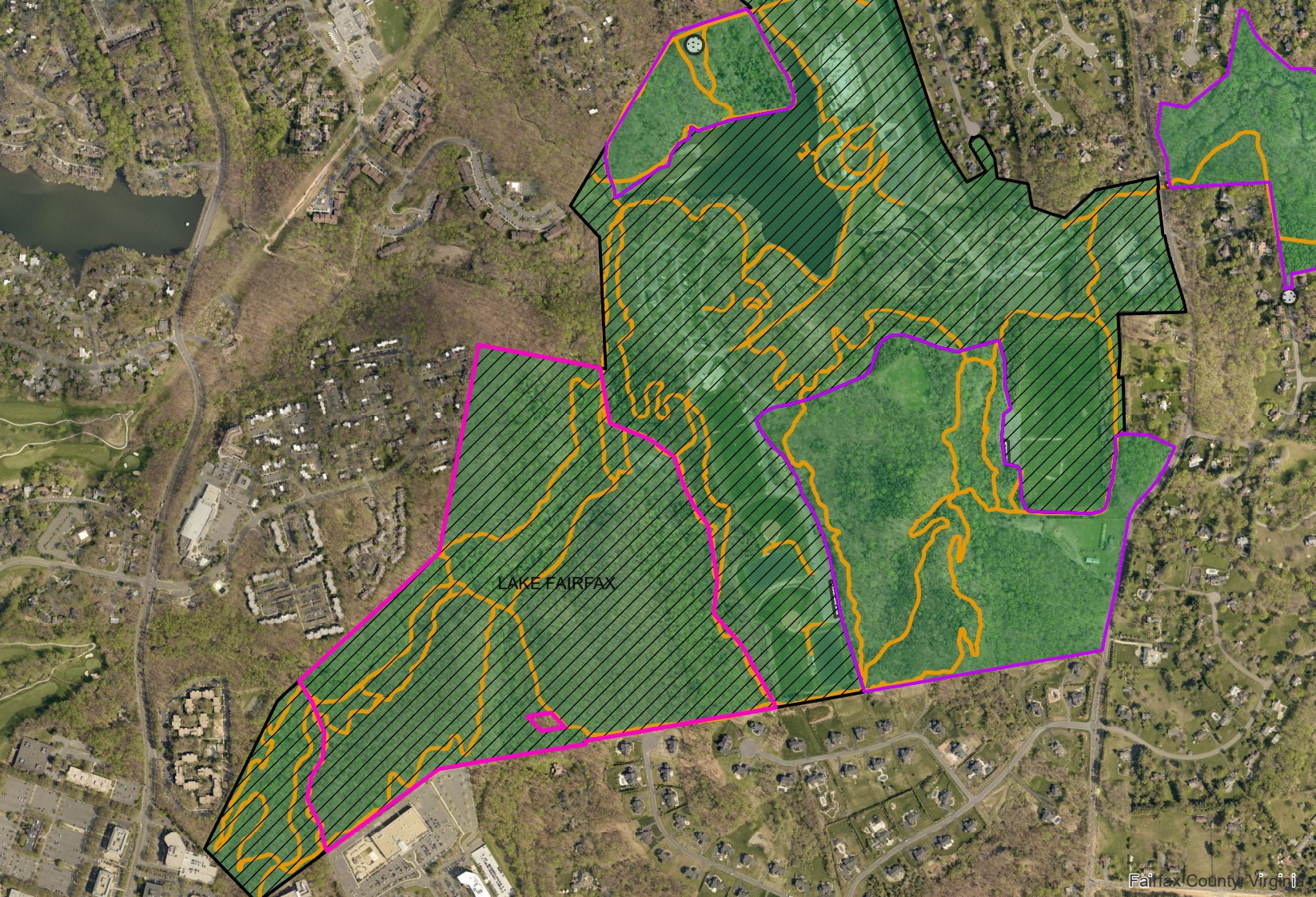


| | | | | | | | |
|---|---------------------|---|------------|---|-------------------|---|---------------|
|  | Proposed Parks FY20 |  | FCPA Parks |  | Management Method |  | No Hunting |
|  | NVRPA Parks |  | Archery |  | Managed Hunt |  | Sharpshooting |



Please Consult Online Map
for Detailed Hunting Designations:
<http://arcc.is/1KctuV>

Miles



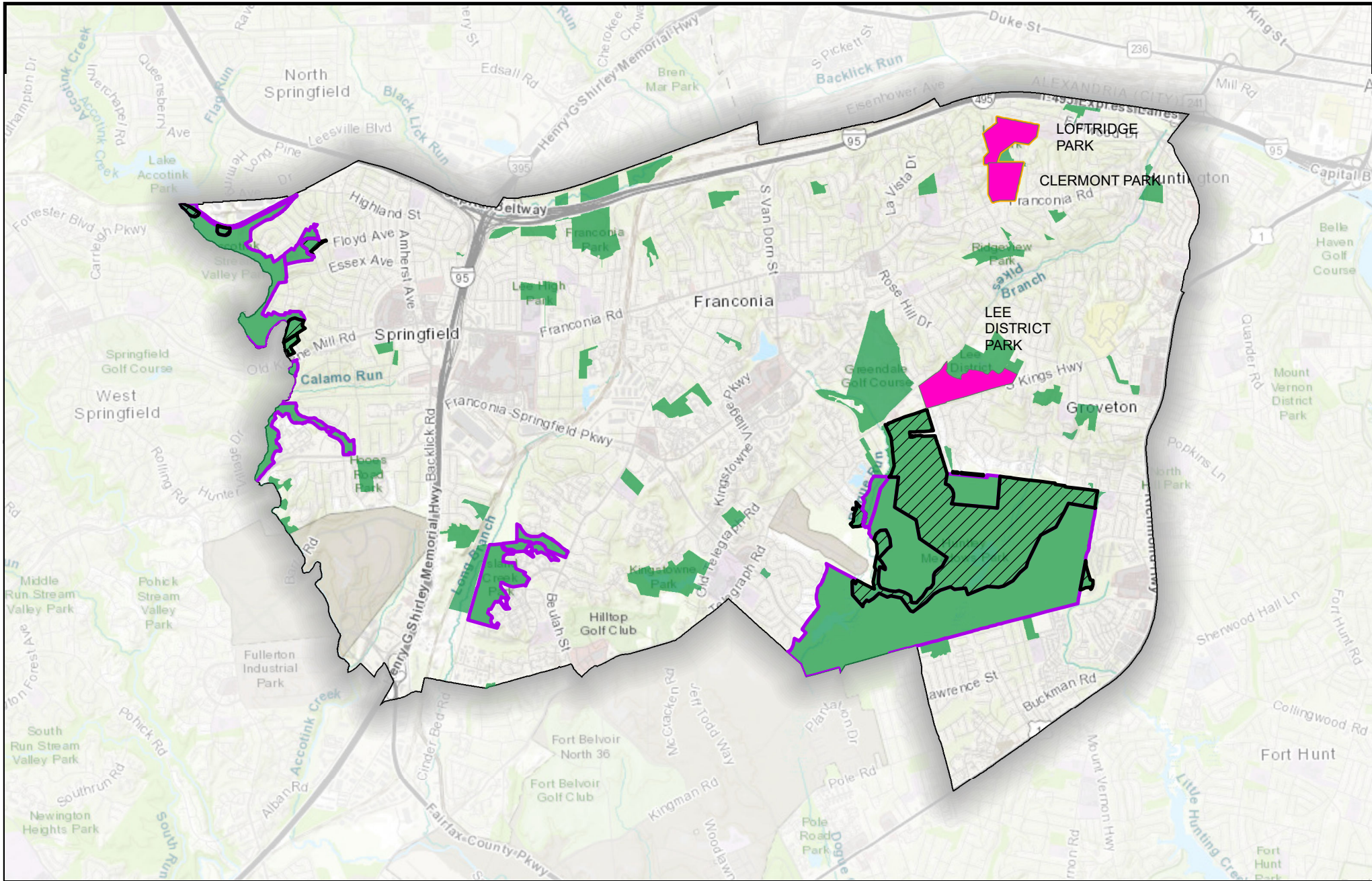
LAKE FAIRFAX

| Lee District Proposed Park Additions/Changes for the FY 2020 Deer Management Program | | | | | | | | | | | |
|---|----------------|-------------|---------------------------|--------------|----------------------------------|---------|--|------------|---------------|---------------|---------------|
| Park Name | Property Owner | Location | Proposed Methods | Hunt Acreage | Safety Evaluation Completed/Date | | Research | Year Added | Harvest FY 17 | Harvest FY 18 | Harvest FY 19 |
| Clermont /Loftridge Park ¹ | F CPA | Alexandria | Archery/ Sharpshooting | 88 | ✓ | 3/2016 | Camera Survey, Browse Survey | FY 2018 | -- | 6 | 7 |
| Lee District Park ² | F CPA | Alexandria | Archery | 77 | ✓ | 3/2016 | Camera Survey | FY 2015 | 1 | -- | -- |
| Park Sites to be Retained for the FY 2020 Deer Management Program | | | | | | | | | | | |
| Park Name | Property Owner | Location | Proposed Methods | Hunt Acreage | Safety Evaluation Completed/Date | | Research | Year Added | Harvest FY 17 | Harvest FY 18 | Harvest FY 19 |
| Accotink Stream Valley | F CPA | Springfield | Archery | 405 | ✓ | Data NA | FLIR Survey, Camera Survey, Browse Impact Survey | FY 2012 | 27 | 20 | 9 |
| Amberleigh Park | F CPA | Alexandria | Archery | 18 | ✓ | Data NA | Camera Survey | FY 2015 | 4 | 1 | 1 |
| Brookfield Park | F CPA | Springfield | Archery | 19 | ✓ | Data NA | FLIR Survey, Camera Survey | FY 2014 | 1 | 0 | 3 |
| Byron Avenue Park (Access only) | F CPA | Springfield | Archery | - | ✓ | Data NA | FLIR Survey | FY 2012 | -- | -- | -- |
| Dogue Creek Stream Valley | F CPA | Alexandria | Archery | 21 | ✓ | 4/10/15 | Observations | FY 2016 | 1 | -- | -- |
| Huntley Meadows ³ | F CPA | Alexandria | Archery/ Sharpshooting | 778 | ✓ | Data NA | Camera Survey, Browse Impact Survey | FY 2011 | 49 | 62 | 66 |
| Island Creek Park | F CPA | Alexandria | Archery | 96 | ✓ | Data NA | Camera Survey, Browse Impact Survey | FY 2015 | 6 | 6 | 3 |

¹ Clermont Park/Loftridge Park – Recommend change from sharpshooting to archery or combination of archery and late season sharpshooting.

² Lee District Park – Park was removed in FY 2018. Recommend adding back to the archery program.

³Huntley Meadows Park: FY 2020 archery season will be shortened and 5-6 nights of sharpshooting will take place at the end of the season.
FY 2019 harvest (34 deer harvested from archery, 32 deer harvested from sharpshooting)



| | | |
|---------------------|--------------|--------------------------|
| Proposed Parks FY20 | FCPA Parks | Management Method |
| NVRPA Parks | Archery | No Hunting |
| | Managed Hunt | Sharpshooting |



Please Consult Online Map for Detailed Hunting Designations:
<http://arcg.is/1KctuV>

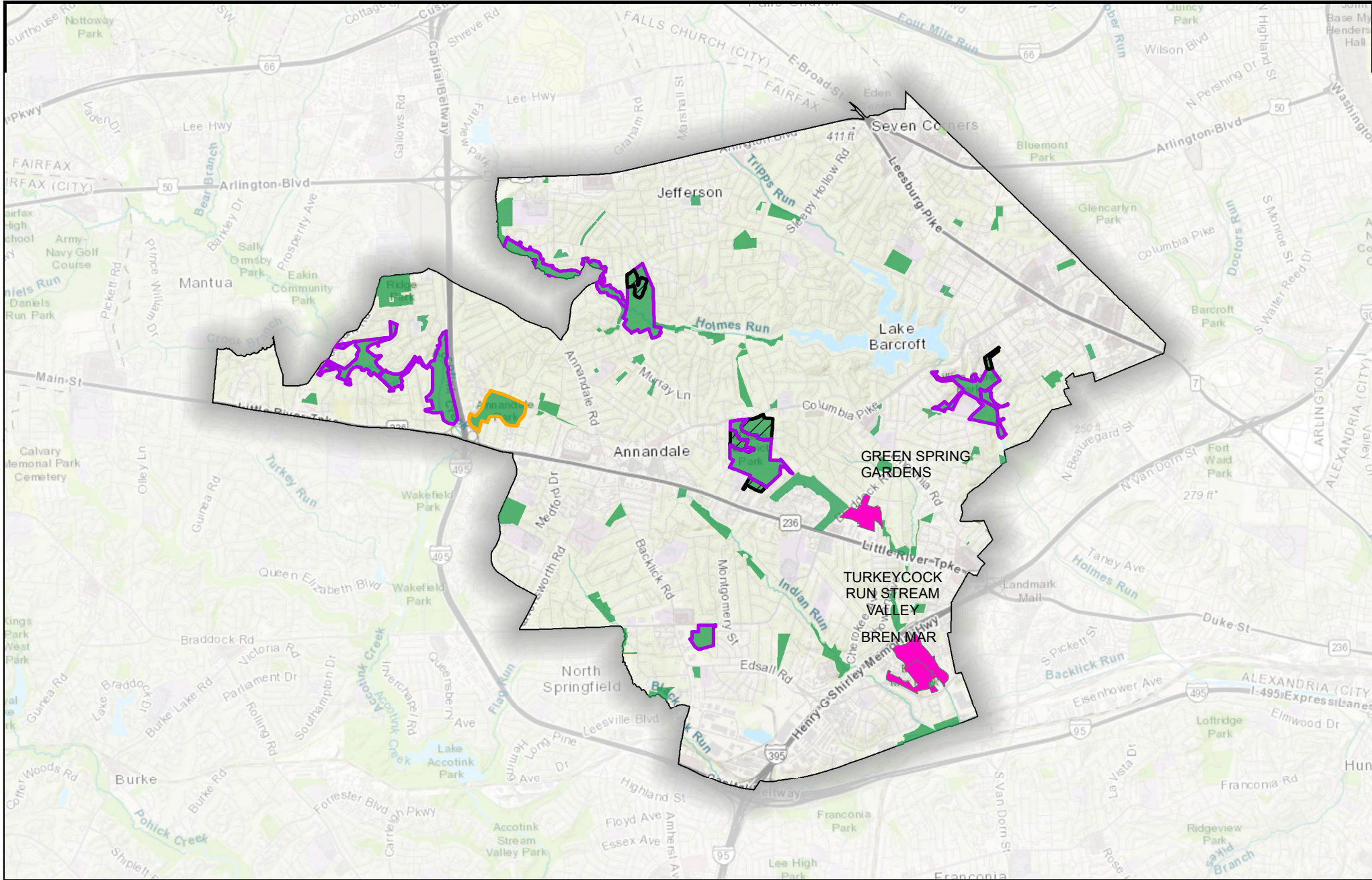
Miles

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| Mason District | | | | | | | | | | | |
|--|-----------------------|----------------------------|-------------------------|---------------------|---|----------|--|-------------------|----------------------|----------------------|----------------------|
| Proposed Park Additions/Changes for the FY 2020 Deer Management Program | | | | | | | | | | | |
| Park Name | Property Owner | Location | Proposed Methods | Hunt Acreage | Safety Evaluation Completed/Date | | Research | Year Added | Harvest FY 17 | Harvest FY 18 | Harvest FY 19 |
| Bren Mar Park/Turkeycock Run Stream Valley ¹ | FCPA | Alexandria | Sharpshooting | 70 | ✓ | 4/9/2015 | Camera Survey, Browse Impact Survey | FY 2016 | 14 | -- | -- |
| Green Spring Gardens ² | FCPA | Alexandria | Sharpshooting | 31 | ✓ | Data NA | Observations | FY 2010 | 5 | 1 | -- |
| Park Sites to be Retained for the FY 2020 Deer Management Program | | | | | | | | | | | |
| Park Name | Property Owner | Location | Proposed Methods | Hunt Acreage | Safety Evaluation Completed/Date | | Research | Year Added | Harvest FY 17 | Harvest FY 18 | Harvest FY 19 |
| Accotink Stream Valley | FCPA | Annandale | Archery | 251 | ✓ | Data NA | FLIR Survey, Camera Survey, Browse Impact Survey | FY 2012 | 27 | 20 | 9 |
| Annandale Community Park | FCPA | Annandale | Sharpshooting | 52 | ✓ | 4/9/2015 | Observations | FY 2016 | 11 | 6 | 6 |
| Deerlick Park | FCPA | Alexandria | Archery | 19 | ✓ | 3/2016 | Observations | FY 2017 | 0 | 0 | 1 |
| Holmes Run Stream Valley | FCPA | Annandale/ Falls Church | Archery | 80 | ✓ | 3/2017 | Browse Impact Survey, Camera Survey | FY 2014/2018 | 0 | 22 | 19 |
| Lillian Carey Park | FCPA | Annandale/ Falls Church | Archery | 54 | ✓ | Data NA | Observations | FY 2014 | 3 | 5 | 7 |
| Mason District Park | FCPA | Annandale/ Falls Church | Archery | 80 | ✓ | Data NA | Browse Impact Survey, Camera Survey | FY 2014 | 4 | 3 | 7 |
| Roundtree Park | FCPA | Annandale/ Falls Church | Archery | 61 | ✓ | Data NA | Camera Survey, Browse Impact Survey | FY 2014 | 16 | 2 | 0 |

¹Bren Mar Park /Turkeycock Run Stream Valley – The Overlook Foundation reached out to park/police staff to inquire about future deer management. The HOA is working on an initiative to remove and treat non-native invasive (NNI) vines and restore native seedlings in the parks. Deer management was proposed as a measure to aid habitat restoration efforts and reduce deer damages within the parks. Only sharpshooting is being proposed (no archery) based on community outreach and discussions with the HOA Board.

²Green Spring Gardens – Park was removed for FY 2019 due to low harvests; however, park management are still reporting deer damages to park resources. Propose adding back to the sharpshooting program.



| | | |
|---------------------|--------------|--------------------------|
| Proposed Parks FY20 | FCPA Parks | Management Method |
| NVRPA Parks | Archery | No Hunting |
| | Managed Hunt | Sharpshooting |



Please Consult Online Map
for Detailed Hunting Designations:
<http://arcc.is/1KctuV>

Miles

0 0.5 1 2

| Mount Vernon District | | | | | | | | | | | |
|---|----------------|------------|---------------------------|--------------|----------------------------------|---------|---|---|---------------|---------------|---------------|
| Proposed Park Additions/Changes for the FY 2020 Deer Management Program | | | | | | | | | | | |
| Park Name | Property Owner | Location | Proposed Methods | Hunt Acreage | Safety Evaluation Completed/Date | | Research | Year Added | Harvest FY 17 | Harvest FY 18 | Harvest FY 19 |
| Potomoc Shoreline Regional Park | NOVA Parks | Lorton | Archery | TBD | Meet with NOVA Parks to discuss. | | Observations | Proposed FY 2020 | -- | -- | -- |
| Park Sites to be Retained for the FY 2020 Deer Management Program | | | | | | | | | | | |
| Park Name | Property Owner | Location | Proposed Methods | Hunt Acreage | Safety Evaluation Completed/Date | | Research | Year Added | Harvest FY 17 | Harvest FY 18 | Harvest FY 19 |
| BOS-Mt. Vernon | BOS | Lorton | Archery | 231 | ✓ | 3/2016 | Observations | FY 2017 | 17 | 15 | 14 |
| Colonel John Byers | FCPA | Alexandria | Archery | 25 | ✓ | 3/2017 | Observations | FY 2018 | -- | 6 | 5 |
| Fairchild Property | BOS | Alexandria | Archery | 8 | ✓ | 7/2016 | Observations | FY 2017 | 1 | 0 | 0 |
| Huntley Meadows ¹ | FCPA | Alexandria | Archery/ Sharpshooting | 778 | ✓ | Data NA | Camera Survey, Browse Impact Survey | FY 2011 | 49 | 62 | 66 |
| Laurel Hill & Golf Course | FCPA | Lorton | Archery | 1149 | ✓ | Data NA | FLIR Survey, Browse Impact Survey, Camera Survey | FY 2010 | 44 | 44 | 40 |
| Little Hunting Creek | FCPA | Alexandria | Archery | 10 | ✓ | 3/2017 | Observations | FY 2018 | -- | 0 | 0 |
| Mason Neck West | FCPA | Lorton | Archery | 44 | ✓ | Data NA | Browse Impact Survey | FY 2015 (sharpshooting); FY 2016 (archery) | 7 | 6 | 6 |
| Mount Vernon District | FCPA | Alexandria | Archery | 88 | ✓ | 3/2017 | Browse Impact Survey, Camera Survey | FY 2018 | -- | 10 | 3 |
| Newington Heights | FCPA | Lorton | Archery | 54 | ✓ | Data NA | FLIR Survey, Camera Survey | FY 2013 | 3 | 1 | 0 |
| Noman M. Cole, Jr. Pollution Plant | DPWES | Lorton | Archery | 103 | ✓ | 3/2016 | Observations | FY 2017 | 12 | 4 | 1 |
| Old Colchester Park & Preserve | FCPA | Lorton | Archery | 144 | ✓ | Data NA | FLIR Survey, Camera Survey, Browse Impact Survey | FY 2013 | 8 | 5 | 5 |
| Pohick Bay Regional | NOVA Parks | Lorton | Archery | 339 | ✓ | Data NA | Observations | FY 2014 | 8 | 11 | 7 |

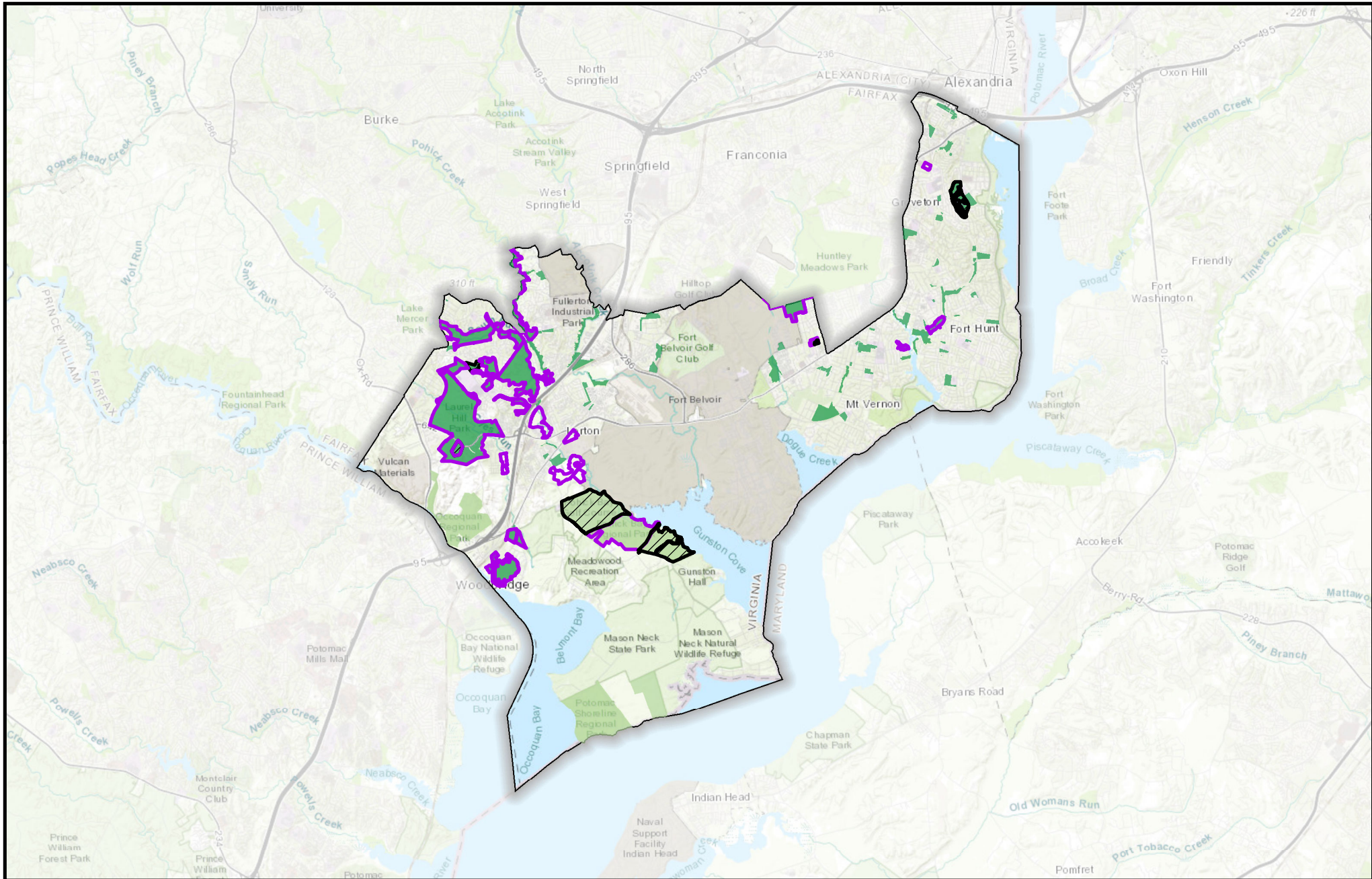
Park Sites to be Retained for the FY 2020 Deer Management Program








| Park Name | Property Owner | Location | Proposed Methods | Hunt Acreage | Safety Evaluation | | Research | Year Added | Harvest FY 17 | Harvest FY 18 | Harvest FY 19 |
|-------------------------|----------------|-------------|------------------|--------------|-------------------|-----------|-------------------------------------|------------|---------------|---------------|---------------|
| | | | | | Completed/Date | | | | | | |
| Pohick Stream Valley | FCPA | Springfield | Archery | 559 | ✓ | Data NA | Browse Impact Survey | FY 2012 | 24 | 34 | 20 |
| South Run Stream Valley | FCPA | Springfield | Archery | 271 | ✓ | Data NA | Browse Impact Survey, Camera Survey | FY 2011 | 9 | 10 | 1 |
| Woodlawn | FCPA | Alexandria | Archery | 9 | ✓ | 4/10/2015 | Observations | FY 2016 | 5 | 5 | 3 |

¹Huntley Meadows Park: FY 2020 archery season will be shortened and 5-6 nights of sharpshooting will take place at the end of the season.
 FY 2019 harvest = 34 deer from archery and 32 deer from sharpshooting.

MOUNT VERNON

DEER MANAGEMENT BY SUPERVISORY DISTRICT



| | | | | |
|--|--|---|---|--|
|  Proposed Parks FY20 |  FCPA Parks | Management Method |  Archery |  No Hunting |
|  NVRPA Parks |  Managed Hunt |  Sharpshooting | | |



Please Consult Online Map
for Detailed Hunting Designations:
<http://arcg.is/1KctuV>

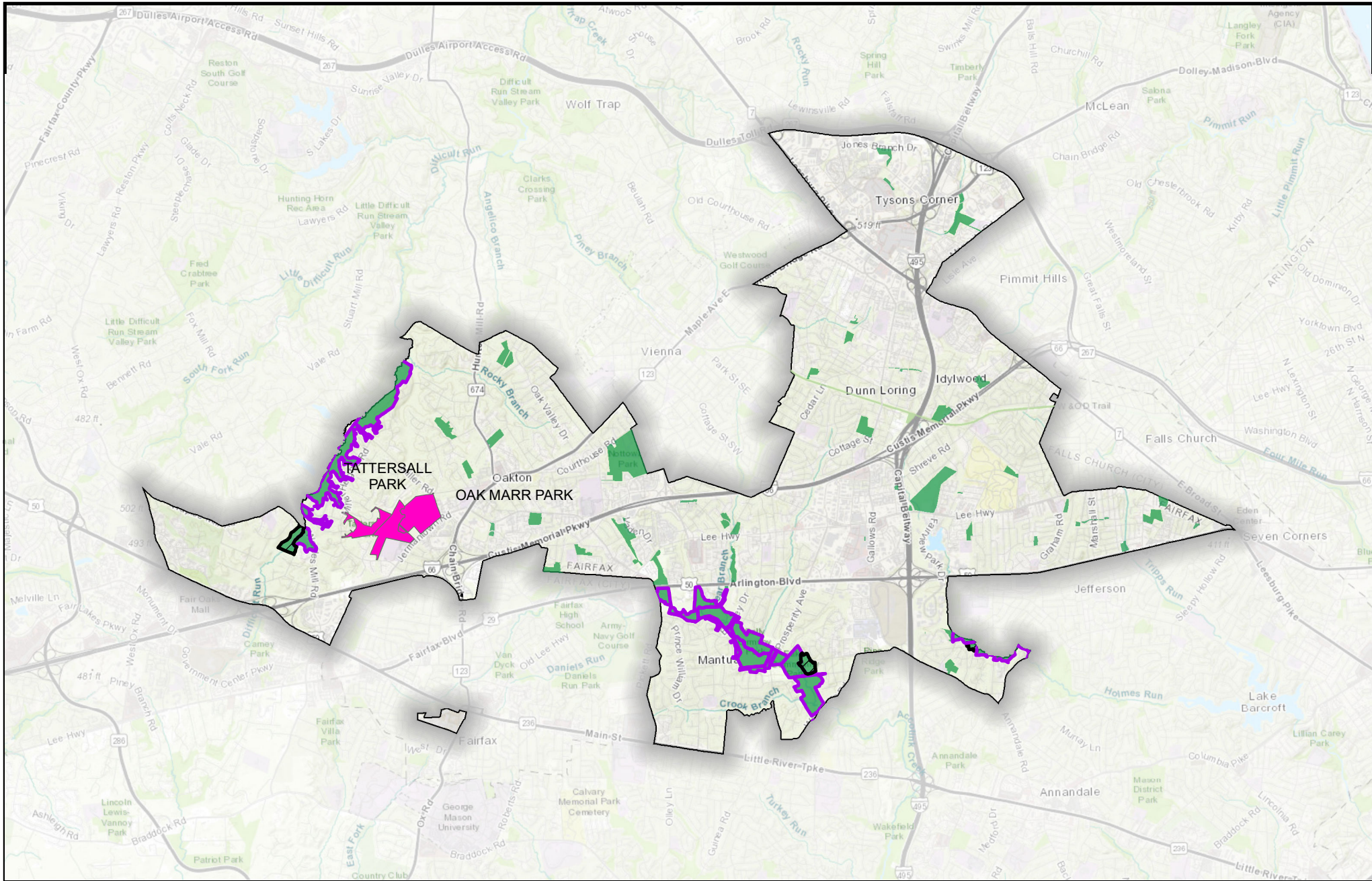
Miles








| Providence District | | | | | | | | | | | |
|---|----------------|--------------|------------------|--------------|----------------------------------|---------|--|------------------|---------------|---------------|---------------|
| Proposed Park Additions/Changes for the FY 2020 Deer Management Program | | | | | | | | | | | |
| Park Name | Property Owner | Location | Proposed Methods | Hunt Acreage | Safety Evaluation Completed/Date | | Research | Year Added | Harvest FY 17 | Harvest FY 18 | Harvest FY 19 |
| Oak Marr Park ¹ | FCPA | Oakton | Archery | 58 | ✓ | 4/1/19 | Observations | Proposed FY 2020 | -- | -- | -- |
| Tattersall Park ¹ | FCPA | Oakton | Archery | 35 | ✓ | 4/1/19 | Observations | Proposed FY 2020 | -- | -- | -- |
| Park Sites to be Retained for the FY 2020 Deer Management Program | | | | | | | | | | | |
| Park Name | Property Owner | Location | Proposed Methods | Hunt Acreage | Safety Evaluation Completed/Date | | Research | Year Added | Harvest FY 17 | Harvest FY 18 | Harvest FY 19 |
| Accotink Stream Valley | FCPA | Annandale | Archery | 251 | ✓ | Data NA | FLIR Survey, Camera Survey, Browse Impact Survey | FY 2012 | 27 | 20 | 9 |
| Difficult Run Stream Valley (Reston) | FCPA | Herndon | Archery | 258 | ✓ | Data NA | Camera Survey | FY 2011 | 15 | 3 | 12 |
| Eakin Community Park | FCPA | Annandale | Archery | 33 | ✓ | Data NA | Camera Survey, Browse Impact Survey | FY 2012 | 10 | 6 | 10 |
| Eakin Park (Mantua Section) | FCPA | Annandale | Archery | 72 | ✓ | Data NA | Camera Survey, Browse Impact Survey | FY 2012 | 6 | 11 | 1 |
| Holmes Run Stream Valley | FCPA | Falls Church | Archery | 68 | ✓ | 3/2017 | Browse Impact Survey | FY 2018 | -- | 22 | 19 |
| Sally Ormsby Park | FCPA | Annandale | Archery | 40 | ✓ | Data NA | Camera Survey | FY 2012 | 2 | 2 | 0 |
| Waples Mill Meadow | FCPA | Herndon | Archery | 18 | ✓ | Data NA | Camera Survey, Browse Impact Survey | FY 2015 | 4 | 3 | 1 |

¹Oak Marr Park/Tattersall Park – propose the addition of archery in 58 wooded acres of Oak Marr Park that connect with Tattersall Park (another 35 acres). The remaining 79 acres of Oak Marr Park would be designated as a no hunting zone.

PROVIDENCE

DEER MANAGEMENT BY SUPERVISORY DISTRICT




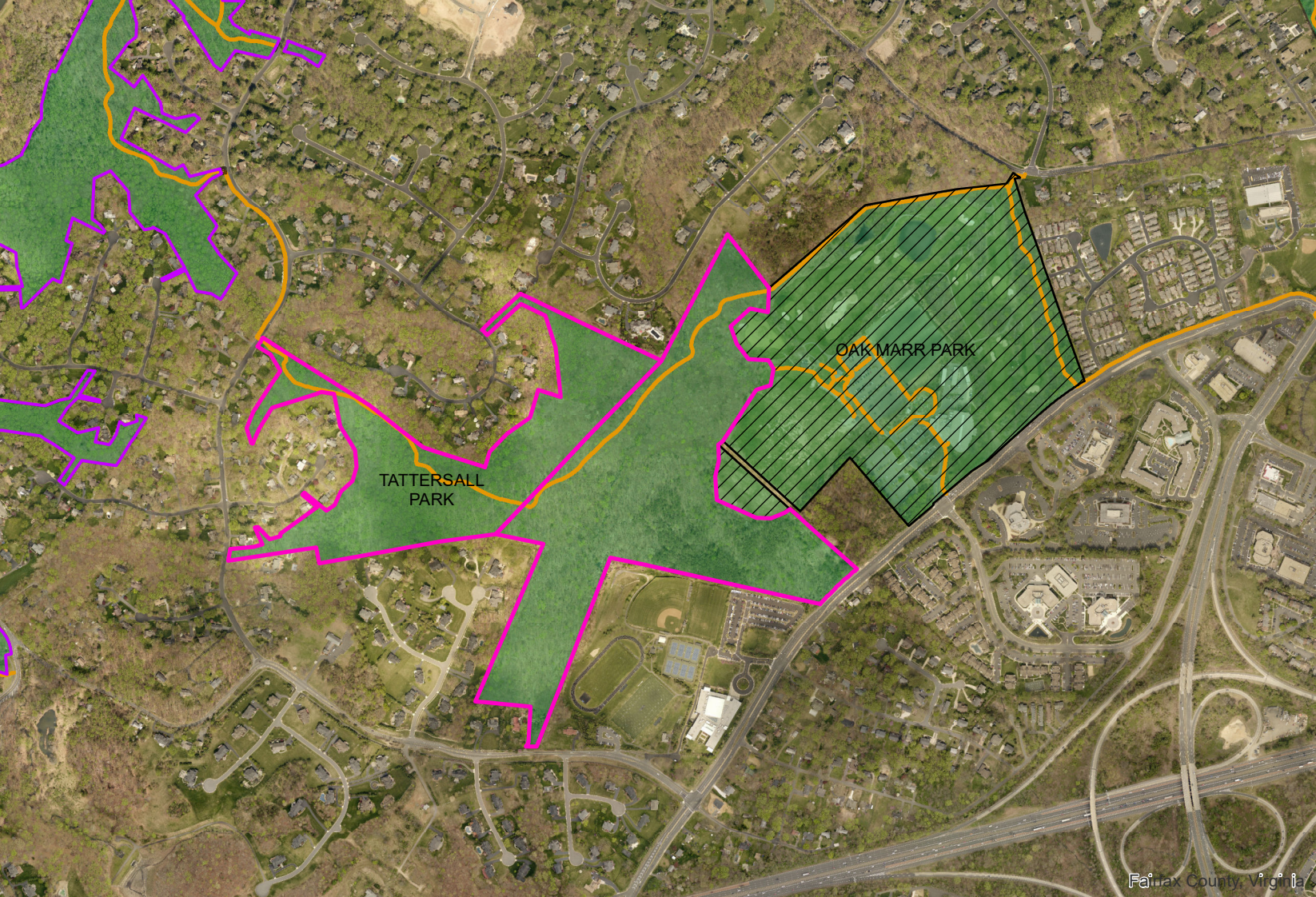
| | | | |
|--|--|--|---|
|  Proposed Parks FY20 |  FCPA Parks | Management Method |  No Hunting |
|  NVRPA Parks |  Archery |  Managed Hunt |  Sharpshooting |



Please Consult Online Map
for Detailed Hunting Designations:
<http://arcg.is/1KctmUV>

Miles





TATTERSALL
PARK

OAK MARR PARK

| Springfield District | | | | | | | | | | | |
|---|----------------|-----------------|---------------------------|--------------|----------------------------------|----------|--|----------------------------|---------------|---------------|----------------|
| Proposed Park Additions/Changes for the FY 2020 Deer Management Program | | | | | | | | | | | |
| Park Name | Property Owner | Location | Proposed Methods | Hunt Acreage | Safety Evaluation Completed/Date | | Research | Year Added | Harvest FY 17 | Harvest FY 18 | Harvest FY 19 |
| Chapel Road Park ¹ | FCPA | Clifton | Sharpshooting | 25 | ✓ | 4/8/2015 | Observations | FY 2016 (sharpshooting) | 4 | 5 | 0 (archery) |
| Park Sites to be Retained for the FY 2020 Deer Management Program | | | | | | | | | | | |
| Park Name | Property Owner | Location | Proposed Methods | Hunt Acreage | Safety Evaluation Completed/Date | | Research | Year Added | Harvest FY 17 | Harvest FY 18 | Harvest FY 19 |
| Accotink Stream Valley Park | FCPA | Springfield | Archery | 405 | ✓ | Data NA | FLIR Survey, Camera Survey, Browse Impact Survey | FY 2012 | 27 | 20 | 9 |
| Brimstone Park | FCPA | Fairfax Station | Archery | 5 | ✓ | 4/2016 | Observations | FY 2017 | 0 | 0 | 0 |
| Bull Run Marina | NOVA Parks | Clifton | Archery | 258 | ✓ | Data NA | Observations | FY 2014 | 21 | 27 | 12 |
| Bull Run Regional (South) ² | NOVA Parks | Clifton | Archery/ Sharpshooting | 447 | ✓ | 3/2016 | Observations | FY 2017 | 31 | 18 | 20 |
| Burke Lake Park & Golf Course | FCPA | Springfield | Archery | 323 | ✓ | Data NA | FLIR Survey, Browse Impact Survey | FY 2012 | 15 | 10 | 8 |
| Burke Station Park | FCPA | Springfield | Archery | 15 | ✓ | Data NA | Observations | FY 2014 | 7 | 9 | 5 |
| Cherry Run Park | FCPA | Springfield | Archery | 4 | ✓ | 3/2016 | Observations | FY 2017 | 1 | 2 | 0 |
| Confederate Fortifications Historic Site | FCPA | Clifton | Archery | 150 | ✓ | Data NA | Camera Survey, Browse Impact Survey | FY 2011 | 11 | 10 | 8 |
| Fountainhead Regional Park | NOVA Parks | Fairfax Station | Archery | 2075 | ✓ | Data NA | Observations | FY 2014 | 28 | 19 | 18 |
| Greentree Village Park | FCPA | Springfield | Archery | 19 | ✓ | 3/2016 | Observations | FY 2017 | 2 | 0 | 0 |
| Hemlock Overlook Regional Park | NOVA Parks | Clifton | Archery | 392 | ✓ | 4/20/15 | Camera Survey | FY 2016 | 19 | 37 | 15 |
| Hunter Village Park | FCPA | Springfield | Archery | 20 | ✓ | Data NA | FLIR Survey, Camera Survey | FY 2014 | 1 | 0 | 3 |
| Huntsman Lake | FCPA | Springfield | Archery | 26 | ✓ | 3/2016 | Observations | FY 2017 | 5 | 5 | 8 |
| Johnny Moore Stream Valley Park | FCPA | Clifton | Archery | 342 | ✓ | Data NA | Camera Survey, Browse Impact Survey | FY 2012 | 30 | 36 | 33 |

Park Sites to be Retained for the FY 2020 Deer Management Program

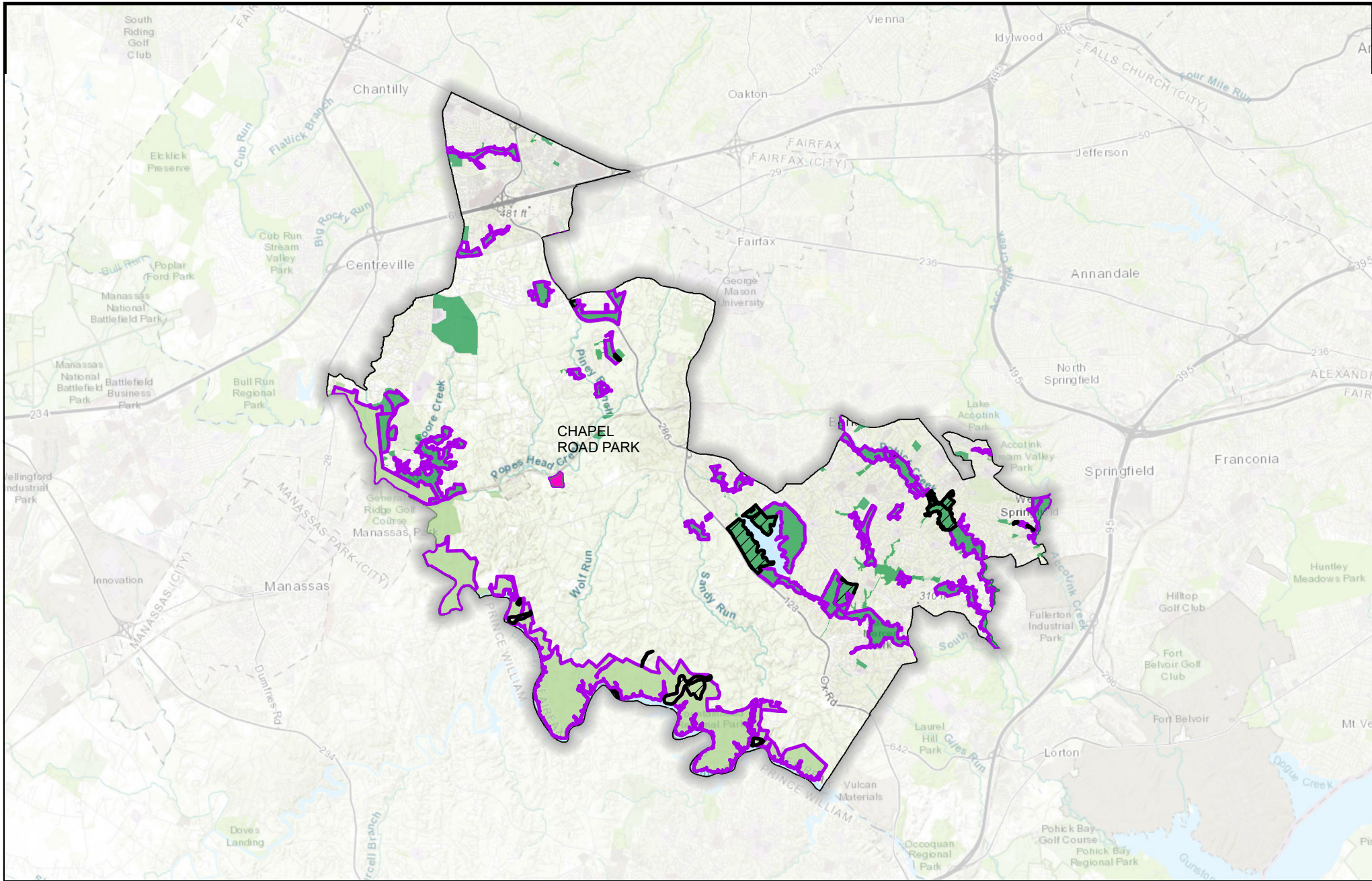
| Park Name | Property Owner | Location | Proposed Methods | Hunt Acreage | Safety Evaluation | | Research | Year Added | Harvest FY 17 | Harvest FY 18 | Harvest FY 19 |
|-------------------------------|----------------|-----------------|------------------|--------------|-------------------|----------|-------------------------------------|------------|---------------|---------------|---------------|
| | | | | | Completed/Date | | | | | | |
| Lake Mercer Park | FCPA | Springfield | Archery | 195 | ✓ | Data NA | Browse Impact Survey, Camera Survey | FY 2012 | 3 | 4 | 4 |
| Lincoln Lewis-Vannoy Park | FCPA | Fairfax Station | Archery | 68 | ✓ | 4/2016 | Browse Impact Survey | FY 2017 | 27 | 7 | 4 |
| Middle Run Stream Valley | FCPA | Springfield | Archery | 169 | ✓ | 3/2016 | Observations | FY 2017 | 10 | 4 | 5 |
| Patriot Park | FCPA | Fairfax Station | Archery | 122 | ✓ | Data NA | Browse Impact Survey | FY 2014 | 8 | 6 | 8 |
| Piney Branch Stream Valley | FCPA | Fairfax Station | Archery | 39 | ✓ | 3/2017 | Browse Impact Survey | FY 2018 | -- | 12 | 15 |
| Poburn Woods Park | FCPA | Springfield | Archery | 11 | ✓ | 3/2016 | Observations | FY 2017 | 0 | 0 | 1 |
| Pohick Stream Valley Park | FCPA | Springfield | Archery | 580 | ✓ | Data NA | Browse Impact Survey | FY 2012 | 24 | 34 | 20 |
| Popes Head Park | FCPA | Fairfax Station | Archery | 38 | ✓ | Data NA | Camera Survey, Browse Impact Survey | FY 2014 | 6 | 13 | 3 |
| Rocky Run Stream Valley Park | FCPA | Chantilly | Archery | 111 | ✓ | 4/7/2015 | Camera Survey, Browse Impact Survey | FY 2016 | 25 | 10 | 20 |
| Sandy Run Regional Park | NOVA Parks | Fairfax Station | Archery | 330 | ✓ | Data NA | Observations | FY 2014 | 10 | 8 | 14 |
| Sandy Run Stream Valley | FCPA | Fairfax Station | Archery | 39 | ✓ | 3/2016 | Observations | FY 2017 | 4 | 0 | 1 |
| Shannon Station Park | FCPA | Springfield | Archery | 13 | ✓ | Data NA | Observations | FY 2014 | 2 | 4 | 7 |
| South Run District Park | FCPA | Springfield | Archery | 115 | ✓ | Data NA | Browse Impact Survey, Camera Survey | FY 2011 | 11 | 6 | 3 |
| South Run Stream Valley Park | FCPA | Springfield | Archery | 319 | ✓ | Data NA | Browse Impact Survey, Camera Survey | FY 2011 | 9 | 10 | 3 |
| West Springfield Village Park | FCPA | Springfield | Archery | 10 | ✓ | Data NA | Observations | FY 2014 | 4 | 1 | 4 |
| Willow Pond | BOS | Chantilly | Archery | 11 | ✓ | 3/2016 | Observations | FY 2017 | 0 | 0 | 1 |

¹Bull Run Regional Park – Archery season followed by 5-6 nights of sharpshooting at the end of the season.

²Chapel Road Park – Proposed change in method from archery back to sharpshooting.

SPRINGFIELD

DEER MANAGEMENT BY SUPERVISORY DISTRICT



| | | |
|---------------------|--------------|--------------------------|
| Proposed Parks FY20 | FCPA Parks | Management Method |
| NVRPA Parks | Archery | No Hunting |
| | Managed Hunt | Sharpshooting |



Please Consult Online Map
for Detailed Hunting Designations:
<http://arcg.is/1KCtmuV>

Miles

Sully District

Proposed Park Additions/Changes for the FY 2020 Deer Management Program

| Park Name | Property Owner | Location | Proposed Methods | Hunt Acreage | Safety Evaluation | | Research | Year Added | Harvest FY 17 | Harvest FY 18 | Harvest FY 19 |
|---|----------------|-------------|---------------------------|--------------|-------------------|----------|--|--|-------------------|-------------------|------------------------------------|
| | | | | | Completed | Date | | | | | |
| Ellanor C Lawrence Park ¹ | FCPA | Chantilly | Archery | 459 | ✓ | Data NA | FLIR Survey, Camera Survey, Browse Impact Survey | FY 2011 | 26 | 36 | 39 |
| Park Sites to be Retained for the FY 2020 Deer Management Program | | | | | | | | | | | |
| Park Name | Property Owner | Location | Proposed Methods | Hunt Acreage | Safety Evaluation | | Research | Year Added | Harvest FY 17 | Harvest FY 18 | Harvest FY 19 |
| Bull Run Regional Park ² | NOVA Parks | Centreville | Archery/ Sharpshooting | 347 | ✓ | Data NA | Camera Survey | FY 2014 | 30 | 26 | 26 |
| Bull Run Regional (South) ² | NOVA Parks | Centreville | Archery/ Sharpshooting | 447 | ✓ | 3/2016 | Observations | FY 2017 | 31 | 18 | 20 |
| Cub Run Stream Valley | FCPA | Chantilly | Archery | 626 | ✓ | Data NA | FLIR Survey, Browse Impact Survey, Camera Survey | FY 2011 | 19 | 27 | 19 |
| Difficult Run Stream Valley (Reston) | FCPA | Herndon | Archery | 258 | ✓ | Data NA | Camera Survey | FY 2011 | 15 | 3 | 12 |
| Ellick Preserve ³ | FCPA | Centreville | Archery/ Managed Hunt | 1615 | ✓ | Data NA | FLIR Survey, Browse Impact Survey | FY 2006 (managed hunt); FY 2011 (archery) | 39 (archery only) | 35 (archery only) | 44 (archery) plus *managed hunt |
| Foxvale Park | FCPA | Oakton | Archery | 25 | ✓ | 4/8/2015 | Observations | FY 2016 | 5 | 2 | 3 |
| Flatlick Stream Valley | FCPA | Centreville | Archery | 60 | ✓ | 4/8/2015 | Camera Survey | FY 2016 | 7 | 8 | 3 |
| Fred Crabtree Park | FCPA | Herndon | Archery | 208 | ✓ | Data NA | FLIR Survey, Browse Impact Survey, Camera Survey | FY 2014 | 18 | 10 | 4 |
| Hickory Forest Park | FCPA | Centreville | Archery | 95 | ✓ | Data NA | FLIR Survey, Camera Survey | FY 2013 | 2 | 1 | 1 |
| Horsepen Run Stream Valley Park | FCPA | Vienna | Archery | 64 | ✓ | 3/2016 | Observations | FY 2017 | 2 | 13 | 8 |
| Little Difficult Run Stream Valley Park | FCPA | Herndon | Archery | 72 | ✓ | Data NA | Browse Impact Survey | FY 2014 | 10 | 15 | 12 |

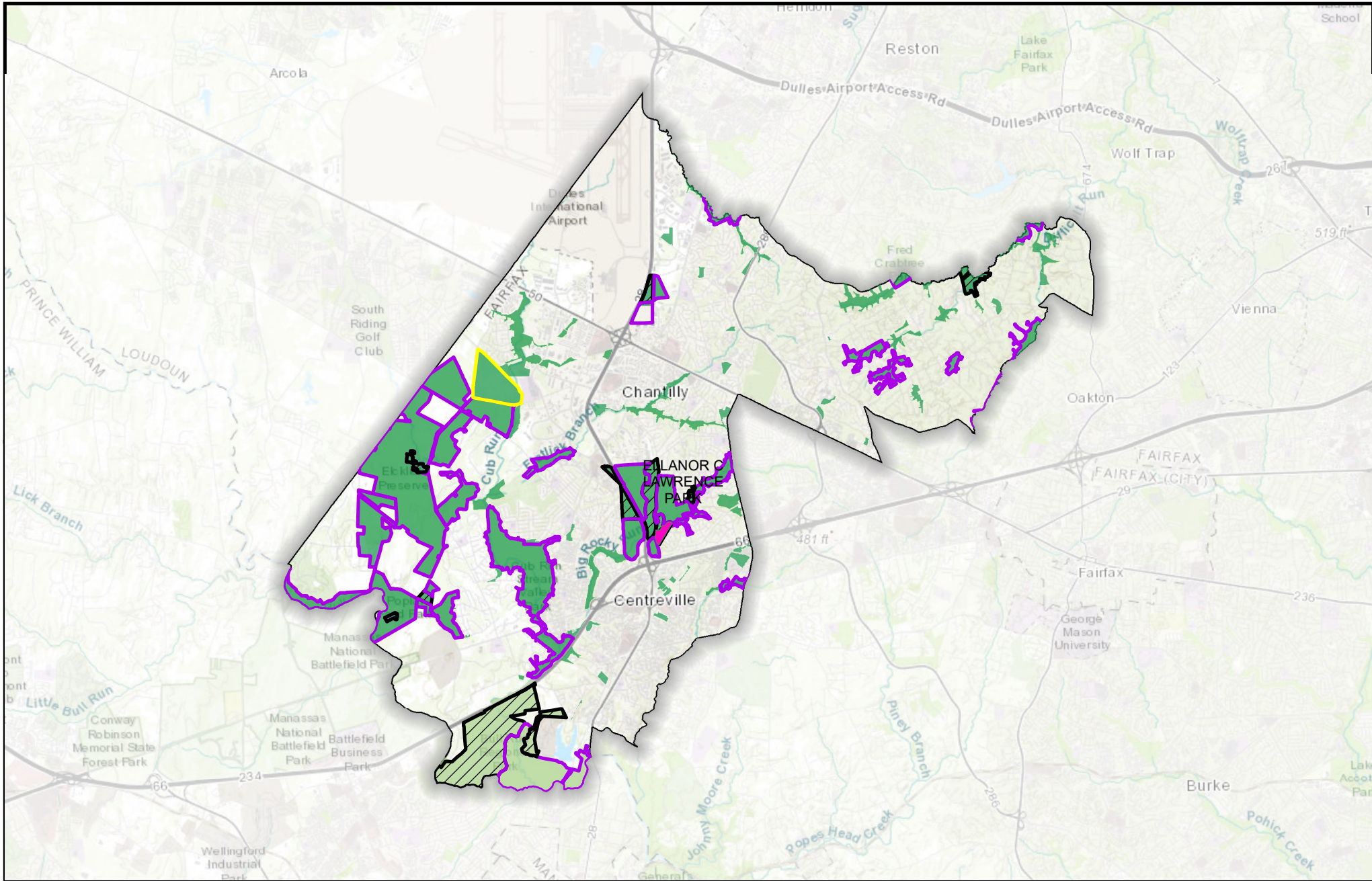
| Park Name | Property Owner | Location | Proposed Methods | Hunt Acreage | Safety Evaluation | | Research | Year Added | Harvest FY 17 | Harvest FY 18 | Harvest FY 19 |
|--|----------------|-------------|--------------------------|--------------|-------------------|----------|-------------------------------------|------------|------------------|------------------|---------------------------------|
| | | | | | Completed | Date | | | | | |
| Mountain Road District Park ³ | FCPA | Centreville | Archery/ Managed Hunt | 201 | ✓ | Data NA | FLIR Survey | FY 2011 | 7 (archery only) | 7 (archery only) | 11 (archery) plus *managed hunt |
| Poplar Ford Park | FCPA | Centreville | Archery | 372 | ✓ | Data NA | FLIR Survey | FY 2011 | 12 | 8 | 13 |
| Richard Jones/Pleasant Valley Golf Course ³ | FCPA | Chantilly | Managed Hunt | 245 | ✓ | Data NA | FLIR Survey | FY 2006 | -- | -- | See *managed hunt below. |
| Rock Hill District Park ³ | FCPA | Chantilly | Archery/ Managed Hunt | 169 | ✓ | Data NA | FLIR Survey, Browse Impact Survey | FY 2006 | 8 (archery only) | 5 (archery only) | 3 (archery) plus *managed hunt |
| Rocky Run Stream Valley Park | FCPA | Chantilly | Archery | 79 | ✓ | 4/7/2015 | Camera Survey, Browse Impact Survey | FY 2016 | 18 | 10 | 19 |
| Sully Historic Site | FCPA | Chantilly | Archery | 84 | ✓ | Data NA | Observations | FY 2011 | 9 | 9 | 12 |
| Waples Mill Meadow Park | FCPA | Herndon | Archery | 18 | ✓ | Data NA | Camera Survey, Browse Impact Survey | FY 2015 | 4 | 3 | 1 |
| Willow Pond Park | FCPA | Chantilly | Archery | 55 | ✓ | 3/2016 | Observations | FY 2017 | 0 | 0 | 1 |








¹Ellanor C. Lawrence Park – propose to add 26 acres to the hunt area (see map).

²Bull Run Regional Park/Bull Run Regional (South) – Archery season followed by 5-6 nights of sharpshooting at the end of the season.

³Ellick Preserve, Rock Hill District Park, Mountain Road District Park and Richard W. Jones/Pleasant Valley Golf Course (Sully Woods): We propose to use a combination of archery and managed shotgun hunts at Ellick Preserve, Rock Hill District Park and Mountain Road District Park for FY 2020. Only one managed hunt will be conducted on Wednesday, December 11. Archery will be suspended in these areas on this day and will resume following the hunt. Only managed shotgun hunts (no archery) will be used at Richard W. Jones/Pleasant Valley Golf Course.

*Managed hunt harvest totals (36 deer) included combined harvests from Ellick Preserve, Rock Hill District Park, Mountain Road District Park and Richard W. Jones/Pleasant Valley Golf Course.

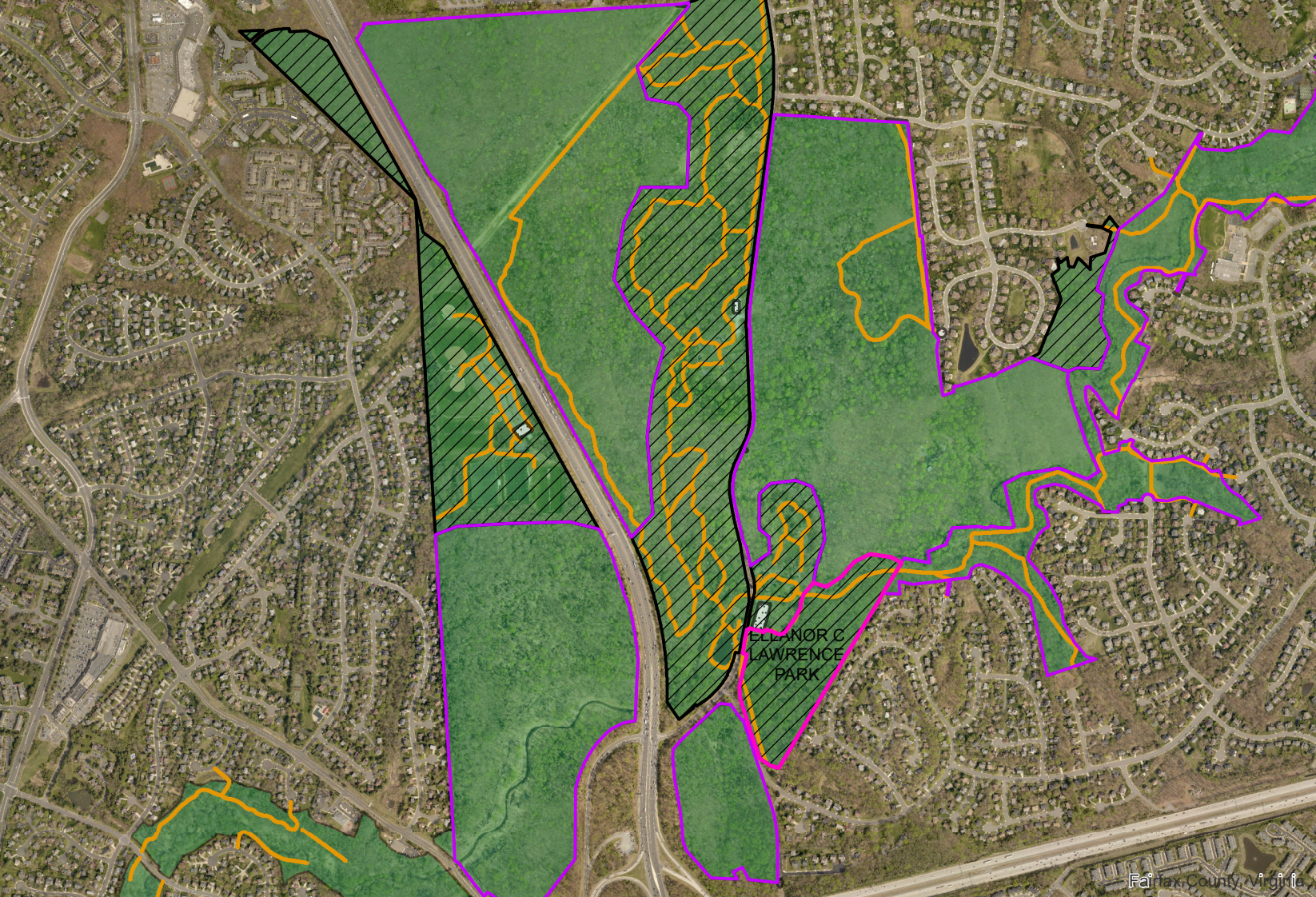


| | | | | | | | |
|---|---------------------|---|--------------|---|---------------|---|------------|
|  | Proposed Parks FY20 |  | FCPA Parks |  | Archery |  | No Hunting |
|  | NVRPA Parks |  | Managed Hunt |  | Sharpshooting | | |



Please Consult Online Map
for Detailed Hunting Designations:
<http://arcg.is/1KctuV>

Miles



ELEANOR C.
LAWRENCE
PARK

Board Agenda Item
June 12, 2019

INFORMATION (with Presentation)

Watch the Green Grow: Encroachment Update

Resource Management Division staff members have been working on strategies for combating encroachment with educational approaches. Staff have applied for, and been recommended for, funding from the county Environmental Improvement Program. The project is called Watch the Green Grow (WTGG). WTGG is designed with three components to present parks in a positive light while promoting park friendly behaviors in homeowners in stream valley neighborhoods. The program is testing a web form and map application as a way for residents to report park friendly behaviors. Educational messages will be delivered by FCPA and its partners to school children and HOA audiences in the Accotink, Cub Run, and Sugarland Run stream valleys.

This presentation includes a brief PowerPoint with basic program introduction and a quick demonstration of the web reporting application.

ENCLOSED DOCUMENTS:

None

STAFF:

Kirk W. Kincannon, Executive Director
Sara Baldwin, Deputy Director/COO
Aimee Vosper, Deputy Director/CBD
Cindy Walsh, Director, Park Services Division
David Bowden, Director, Planning and Development Division
Todd Brown, Director, Park Operations Division
Judy Pedersen, Public Information Officer
Barbara Nugent, Director, Resource Management Division
Tammy Schwab, Manager Education and Outreach, Resource Management Division

Board Agenda Item
June 12, 2019

DISCUSSION

Resource Management Division Bond Projects for FY20 Workplan

Annually, the Park Authority Board approves the Planning and Development Division's Workplan for Bond Projects. In recognition of the Bond Projects managed by the Resource Management Division, a separate approval is requested for those projects. The Natural Resource Management Plan and the Cultural Resource Management Plan guide the projects included in Park Bonds.

The draft FY20 Bond Projects Workplan reflects the continuation of active projects with schedules that extend into FY20 and beyond, as well as projects that are scheduled to start in FY20. The plan separates projects into categories by management branch.

- Cultural Resource Management Branch
- Heritage Conservation Management Branch
- Natural Resource Management Branch
- Education and Outreach Branch
- Operations Management Branch

The proposed/draft FY20 Workplan for Bond Projects for Board discussion is provided as Attachment 1.

Projects highlighted in green are new to the Workplan and are scheduled to start in FY20. Projects completed have been removed from the Workplan.

Highlights of the proposed Bond Projects on the Workplan include:

- Continued Countywide ecological restoration projects
- Countywide exhibits- development and installation
- Collections Facility SOP's and Technology Development
- Continued work on Resident Curator Program sites
- Archaeological work at Riverbend, Mt. Air and other sites as required

Once board feedback is received and incorporated, staff will return to the Board in June 2019 with a recommended FY20 Workplan for approval.

ENCLOSED DOCUMENTS:

Attachment 1: RMD FY20 Bond Projects for Workplan

Board Agenda Item
June 12, 2019

STAFF:

Kirk W. Kincannon, Executive Director

Sara Baldwin, Deputy Director/COO

Aimee L. Vosper, Deputy Director/CBD

David Bowden, Director, Planning & Development Division

Cindy Walsh, Director, Park Services Division

Todd Brown, Director, Park Operations Division

Judy Pedersen, Public Information Officer

Barbara Nugent, Director, Resource Management Division

Resource Management Division Archaeology & Collections Branch

Attachment 1

STATUS

A Active Project
I Inactive Project
C Completed Project

| |
|-------------------|
| Strategic Plan |
| Division Workplan |
| Bond Projects |

FY20 Workplan (7/19 - 6/20)

| SP Action Step | Q | Milestone | Status Update/Comments | Complete? | Start Date | End Date | Requires Board Approval and Date | Project Scope | |
|---|---|---|------------------------|--------------------------|--------------------|--------------|----------------------------------|---|---------|
| Archaeological Survey of Parkland (Section 110-level Inventory) in support of Demolitions | 1 | Mount Air/Riverbend Fieldwork | | A | 6/1/2019 | | | Staff will identify and prioritize properties and will begin to implement survey. We will be beginning on those properties that are already being subject to studies. This will be a project that will be ongoing over many years. | |
| | 2 | Mount Air/Riverbend Fieldwork Continues | | A | | | Lead:SP ID | | |
| | 3 | Mount Air report/Riverbend/Mount Gilead Fieldwork Kickoff | | A | 6/1/2019 | | | | |
| | 4 | Mount Air report/Riverbend/Mount Gilead Fieldwork | | A | | | | | |
| | | | Related Plan | Assigned Staff | Funding: 2016 Bond | | | | |
| | | | CRM Plan | Crowell, Sperling, Wells | Needs? | Approved Amt | Project # | | Balance |
| | | | | | \$67,000.00 | PR000076-010 | \$67,000.00 | | |
| Archaeology associated with abandonment and reestablishment of Potomac Heritage Trail | 1 | Riverbend Fieldwork | | A | 7/1/2019 | | No | Staff will identify a new route for the trail due to the washout by flooding and identify most appropriate routes based on high quality potential of cultural resources. In collaboration with Natural Resource Branch the area will be studied to ensure and minimize any threats to trees as the new route is established | |
| | 2 | Riverbend Fieldwork Continues | | A | | | Lead:SP ID | | |
| | 3 | Riverbend Fieldwork Continues | | A | | | | | |
| | 4 | Riverbend Fieldwork Continues | | A | | 6/30/2020 | | | |
| | | | Related Plan | Assigned Staff | Funding: 2016 Bond | | | | |
| | | | CRM Plan | Crowell, Sperling, Wells | Needs? | Approved Amt | Project # | | Balance |
| | | | | | \$235,000.00 | PR000076-009 | \$235,000.00 | | |
| Archaeology Associated with construction of road (Capital Project) at Green Springs | 1 | Report preparation | | A | 7/1/2019 | | No | In compliance with the ADA needs at GSGP, the original circular driveway was reestablished in front of the Historic House and required ADA route development. | |
| | 2 | Report Completion | | A | | 12/31/2019 | Lead:SP ID | | |
| | 3 | | | | | | | | |
| | 4 | | | | | | | | |
| | | | Related Plan | Assigned Staff | Funding: 2016 Bond | | | | |
| | | | CRM Plan | Crowell, Sperling, Wells | Needs? | Approved Amt | Project # | | Balance |
| | | | | | \$7,000.00 | PR000076-006 | \$7,000.00 | | |

Resource Management Division Heritage Conservation Branch

STATUS

A Active Project
I Inactive Project
C Completed Project

Strategic Plan

Division Workplan

Bond Projects

FY20 Workplan (7/19 - 6/20)

| SP Action Step | Q | Milestone | Status Update/Comments | Complete? | Start Date | End Date | Requires Board Approval and Date | Project Scope |
|---|---|---------------------------------|-----------------------------------|----------------|--------------------|---------------|----------------------------------|--|
| Sully Renovation(Main house) | 1 | Submit for Building Permit | Completed | C | 5/3/2019 | 8/26/2019 | | Based on the HSR, renovations, and improvements, m |
| | 2 | Advertisement to Bid | Dates are tentative | A | 9/16/2019 | 10/16/2019 | Lead:SP ID | |
| | 3 | Contract Award | Dates are tentative | A | 11/12/2019 | | | |
| | 4 | Construction | Dates are tentative | A | 1/20/2020 | 5/19/2020 | | |
| | | | Related Plan | Assigned Staff | Funding: 2008 Bond | | | |
| | | CRMP | Buchta, Leining, McDonnell, Olien | Needs? | Approved Amt | Project # | Balance | |
| | | | | | \$204,158.00 | PR000012-015 | \$ 99,329.00 | |
| SP Action Step | Q | Milestone | Status Update/Comments | Complete? | Start Date | End Date | Requires Board Approval and Date | Project Scope |
| Historic Structure Reports, CLR's & Treatment Plans | 1 | Lanes Mill CLR | Completed June 1 | C | | 6/1/2019 | | Lanes Mill is complete and the remaining site will be cc |
| | 2 | Dranesville Tavern, Sears House | RFP issued (Dranesville) | I | 10/1/2019 | | Lead:SP ID | |
| | 3 | McDannald House | | I | | | | |
| | 4 | Lewinsville House | | I | | | | |
| | | | Related Plan | Assigned Staff | Funding: | | | |
| | | CRMP | Buchta, Langton, A&C | Needs? | Approved Amt | Project # | Balance | |
| | | | | | \$1,800,000.00 | PR-000076-005 | \$1,145,000.00 | |

Resource Management Division Outreach & Education

STATUS

A Active Project
I Inactive Project
C Completed Project

Strategic Plan

Division Workplan

Bond Projects

FY20 Workplan (7/19 - 6/20)

| SP Action Step | Q | Milestone | Status Update/Comments | Complete? | Start Date | End Date | Requires Board Approval and Date | Project Scope |
|---|---|--|----------------------------|-----------------------------|--------------|-----------|----------------------------------|---|
| Historic Centerville Interpretive Plan Implementation | 1 | Finalize sign text for 3 signs and submit for design | | A | 1-Jul-19 | | | Sully Woolands and Historic Centerville Park approved in 2011 was complete with a balance remaining. The balance will be used for signs identified in the wayfinding and interpretive plan. |
| | 2 | Print and install signs | | | | | Lead:SP ID | |
| | 3 | Finalize sign text for 3 signs and submit for design | | | | | | |
| | 4 | Print and install signs | | | | 6/30/2020 | | |
| | | Related Plan | Assigned Staff | Funding: Proffer, 2012 Bond | | | | |
| | | | | Needs? | Approved Amt | Project # | Balance | |
| | | | Peralta, Repetti, Tomasulo | | \$150,000.00 | PR000093 | \$66,169 | |

Natural Resources Branch

STATUS

A Active Project
 I Inactive Project
 C Completed Project

| |
|-------------------|
| Strategic Plan |
| Division Workplan |
| Bond Projects |

FY20 Workplan (7/19 - 6/20)

| SP Action Step | Q | Milestone | Status Update/Comments | Complete? | Start Date | End Date | Requires Board Approval? | Project Scope | |
|--|----------------------|---|------------------------|---|------------|-----------|--------------------------|--|--------------|
| Conduct resource surveys and determine the extent and need for mitigation of impacts to natural and cultural resources as park of master planning and in advance of development. | 1 | Start flora inventory of west area parks | | | 7/1/2019 | | No | Inventory natural resources and prepare a natural resources management plan for approximately 6,000 acres of parkland in the west planning area for FY19. Natural resources inventory will include both flora and fauna. The project will be completed in three years. | |
| | 2 | Quality control of collected flora data; Conduct plan writing and analysis of field data | | | | | Lead: SP ID | | |
| | 3 | Start fauna inventory of west area parks; Continue quality control of flora data; Conduct plan writing and analysis of field data | | | | | NCR2 - f | | |
| | 4 | Continue fauna inventory of west area parks; Continue flora inventory of west area parks | | | | 6/30/2020 | | | |
| | Related Plan | | | Assigned Staff | | | Funding: 2012 Bond | | |
| | Strategic Plan, NRMP | | | Sinclair, DeBarros, McFadden, Stokely, Williams | | | Needs? | | Approved Amt |
| | | | | | | | \$290,000.00 | PR000093-0 | \$241,620.00 |
| Project Title | Q | Milestone | Status Update/Comments | Complete? | Start Date | End Date | Requires Board Approval? | Project Scope | |
| Natural Area Preserve at Huntley Meadows Park Implementation | 1 | Boundary survey; Easement drafting; and Title | | A | 1-Jul | | Yes | Dedicate eligible portions of Huntley Meadows Park as either Natural Area Preserve or Open Space Easement per approved project scope. | |
| | 2 | Boundary survey; Easement drafting; and Title report preparation | | A | | | Lead:SP ID | | |
| | 3 | Boundary survey; Easement drafting; and Title report preparation | | A | | | | | |
| | 4 | Boundary survey; Easement drafting; and Title report preparation | | A | | | | | |
| | Related Plan | | | Assigned Staff | | | Funding: 2012 Bond | | |
| | | | | Stokely, Williams | | | Needs? | | Approved Amt |
| | | | | | | | \$165,000.00 | PR000093-0 | \$20,000.00 |
| Project Title | Q | Milestone | Status Update/Comments | Complete? | Start Date | End Date | Requires Board Approval? | Project Scope | |
| Ecological Restoration: Laurel Hill Forest | 1 | Conduct scoping, planning, and design | | A | 7/1/2019 | | Yes | Conduct a forest restoration of approximately 5 five acres at Laurel Hill Park per the approved scope. | |
| | 2 | Conduct scoping, planning, and design; Begin implementation | | A | | | Lead:SP ID | | |
| | 3 | Continue implementation | | A | | | | | |
| | 4 | Continue implementation | | A | | 6/30/2019 | | | |
| | Related Plan | | | Assigned Staff | | | Funding: 2016 Bond | | |
| | NRMP | | | Veljkovic, Williams | | | Needs? | | Approved Amt |
| | | | | | | | \$175,000.00 | PR000076-0 | \$175,000.00 |