

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

INFORMATION (with presentation)

Deer Management Plan

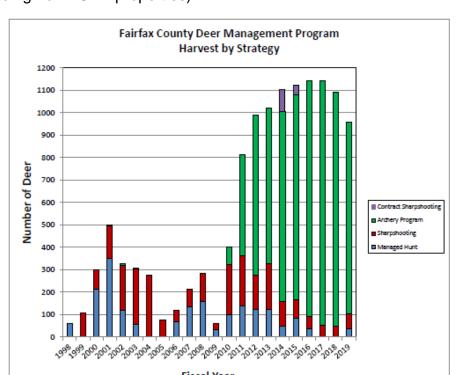
The Park Authority has been participating in the Fairfax County Deer Management Program since its inception in 1998. Fairfax County has an abundant local white-tailed deer population. The primary objective of the program is deer population control on public parklands to protect human health and safety, 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 <u>Saturday</u>, <u>September 7, 2019 - Saturday</u>, <u>February 22, 2020</u>. 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 <u>Wednesday</u>, <u>December 11, 2019</u> when the parks will be closed from early morning through midafternoon 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

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

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

 Date: August 22, 2019
 Time: 7:00 p.m. to 8:00 p.m.
 Mount Vernon Governmental Center 2511 Parkers Lane Alexandria, VA 22306

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	Number of Deer Harvested							
Sully Woodlands	November 28, 2018	28						
Sully Woodlands	January 9, 2019	3						
Sully Woodlands	5							
Managed Shotgun Hu	nt 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

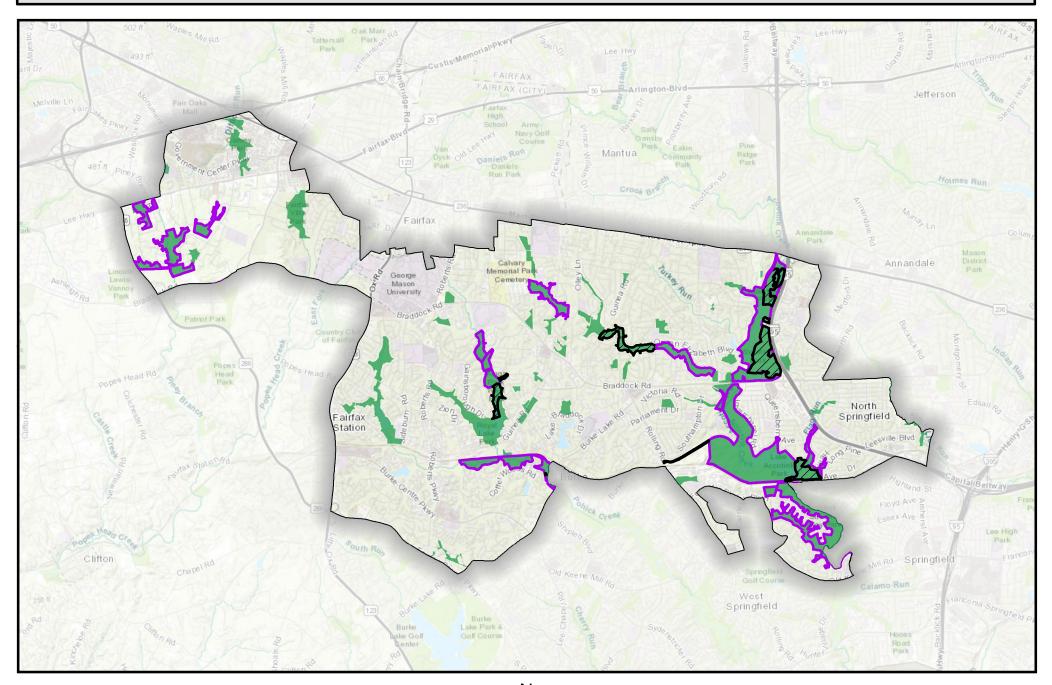
					Sa	ıfety					
	Property		Proposed	Hunt	Eval	uation		Year	Harvest	Harvest	Harvest
Park Name	Owner	Location	Methods	Acreage	Completed/Date		Research	Added	FY 17	FY 18	FY 19
							FLIR Survey, Camera				
							Survey Browse				
Accotink Stream Valley Park	FCPA	Springfield	Archery	405	✓	Data NA	Impact Survey	FY 2012	27	20	9
							FLIR Survey,				
Americana Park ¹	FCPA	Burke	Archery	4	✓	Data NA	Camera Survey	FY 2012			
							FLIR Survey, Camera				
Carrleigh Parkway Park ²	FCPA	Springfield	Archery	10	✓	Data NA	Survey	FY 2014			
							Camera Survey,				
							Browse Impact				
Crooked Creek Park	FCPA	Fairfax	Archery	12	✓	4/8/2015	Survey	FY 2016	1	7	3
							Camera Survey,				
							Browse Impact				
Kings Park West Park	FCPA	Fairfax	Archery	19	✓	4/8/2015	Survey	FY 2016	9	3	4
							FLIR Survey, Camera				
							Survey, Browse				
Lake Accotink Park	FCPA	Burke	Archery	407	✓	Data NA	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
		Fairfax					Browse Impact				
Piney Branch Stream Valley	FCPA	Station	Archery	140	✓	Data NA	Survey	FY 2014	9	12	15
							Browse Impact				
Pohick Stream Valley Park	FCPA	Springfield	Archery	580	✓	Data NA	Survey	FY 2012	24	34	20
							FLIR Survey, Camera				
							Survey, Browse				
Wakefield Park	FCPA	Burke	Archery	161	✓	Data NA	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







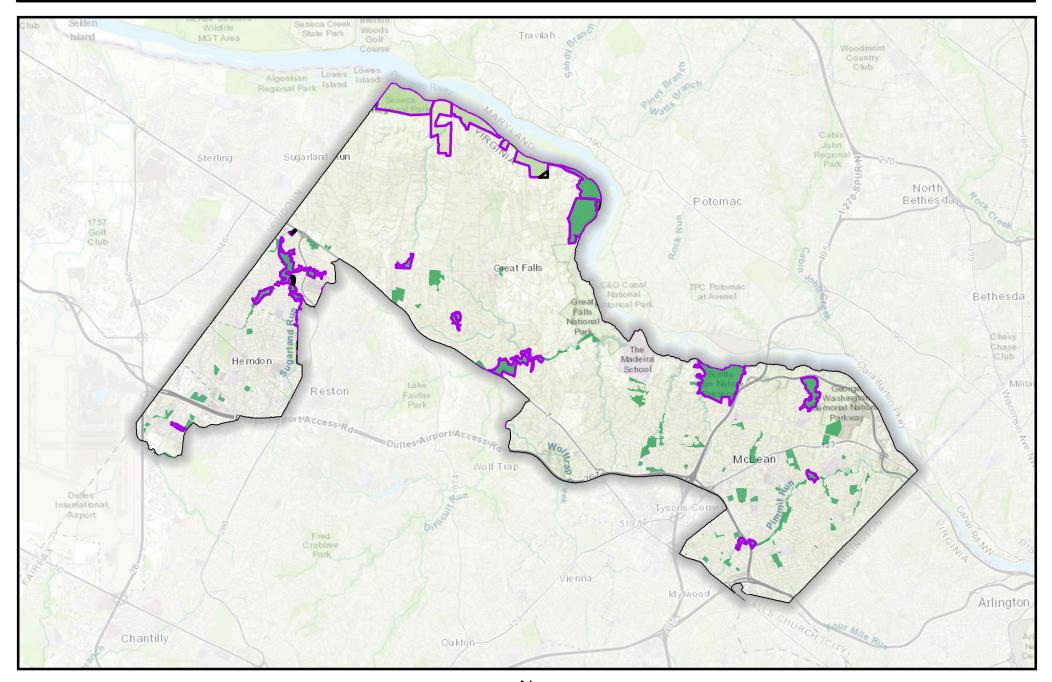
Please Consult Online Map				Miles	
for Detailed Hunting Designations: http://arcg.is/1KCtmuV	0	0.5	1	2	3

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

						Safety					
	Property		Proposed	Hunt	Ev	aluation		Year	Harvest	Harvest	Harvest
Property Name	Owner	Location	Methods	Acreage	Comp	oleted/Date	Research	Added	FY 17	FY 18	FY 19
							Camera Survey,				
							Browse Impact				
Folly Lick Stream Valley	FCPA	Herndon	Archery	32	✓	4/10/2015	Survey	FY 2016	13	21	6
	The Nature										
Fraser Preserve	Conservancy	Great Falls	Archery	233	✓	3/2016	Camera Survey	FY 2017	26	29	12
							Camera Survey, Browse Impact				
Hickory Run School Site	BOS	Great Falls	Archery	11	✓	4/10/2015	Survey	FY 2016	2	2	1
Langley Oaks Park	FCPA	Mclean	Archery	102	✓	4/10/2015	Observations	FY 2016	5	6	9
							Camera Survey,				
							Browse Impact				
Lexington Estates Park	FCPA	Great Falls	Archery	15	✓	4/10/2015	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							Browse Impact				
Valley	FCPA	McLean	Archery	43	✓	3/2016	Survey	FY 2017	29	19	11
							FLIR Survey,				
							Camera Survey,				
							Browse Impact				
Riverbend Park	FCPA	McLean	Archery	394	✓	Data NA	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
							Camera Survey,				
Sugarland Run Stream							Browse Impact				
Valley	FCPA	Herndon	Archery	200	✓	Data NA	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







Please Consult Online Map					N	liles		
for Detailed Hunting Designations: http://arcg.is/1KCtmuV	0	0.5	1	2	2	3	4	5

Hunter Mill District Proposed Park Additions/Changes for the FY 2020 Deer Management Program **Property Proposed** Hunt **Safety Evaluation** Harvest Harvest Harvest **FY 18 Park Name Owner** Methods Completed/Date Research Year Added **FY 17** FY 19 Location Acreage **Proposed** ✓ **Eudora Park FCPA** Vienna Archery 4/1/19 Observations FY 2020 14 FLIR Survey, Camera Survey, Browse Impact **Proposed** ✓ Frying Pan Farm Park¹ **FCPA** Herndon Sharpshooting 136 Data NA Survey FY 2020 13 FLIR Survey, Browse Impact Survey, Camera FY 2007: Lake Fairfax² **FCPA** Reston Archery 244 Data NA Survey FY 2011 8 15 8 Park Sites to be Retained for the FY 2020 Deer Management Program **Property Proposed** Hunt **Safety Evaluation** Harvest Harvest Harvest **Park Name** Owner Location Methods Completed/Date Research Year Added **FY 17 FY 18 FY 19** Acreage ✓ Clarks Crossing Park **FCPA** Vienna Archery 124 Data NA Camera Survey FY 2012 24 29 13 1 Colvin Run Mill Park **FCPA Great Falls** Archery 58 Data NA Camera Survey FY 2010 6 3 17 Colvin Run Stream Browse Impact Survey, ✓ 9 6 Vallev **FCPA Great Falls** 44 Data NA Camera Survey FY 2010 8 Archery Difficult Run Stream Browse Impact Survey, Valley Park (Colvin) **FCPA Great Falls** 285 ✓ Data NA Camera Survey FY 2011 38 10 10 Archery Difficult Run Stream Browse Impact Survey, Valley Park (Vienna) **FCPA** Vienna 237 ✓ Camera Survey FY 2011 15 25 16 Archery Data NA FLIR Survey, Camera Survey, Browse Impact Fred Crabtree Park **FCPA** Herndon 208 ✓ Data NA FY 2014 18 10 Archery Survey 4 Horsepen Run Stream

✓

✓

✓

✓

✓

4/8/2015

Data NA

3/2017

Data NA

4/8/2015

Observations

Camera Survey, Browse

Impact Survey

Browse Impact Survey

Camera Survey

Camera Survey, Browse

Impact Survey

FY 2017

FY 2012

FY 2018

FY 2012

FY 2016

2

2

6

8

13

1

15

1

3

8

3

12

0

5

64

23

63

21

48

Valley Park

Lahey Lost Valley Park

Little Difficult Run Stream Valley

Tamarack Park

Valley Park

Wolf Trap Stream

FCPA

FCPA

FCPA

FCPA

FCPA

Vienna

Vienna

Reston

Vienna

Vienna

Archery

Archery

Archery

Archery

Archery

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).

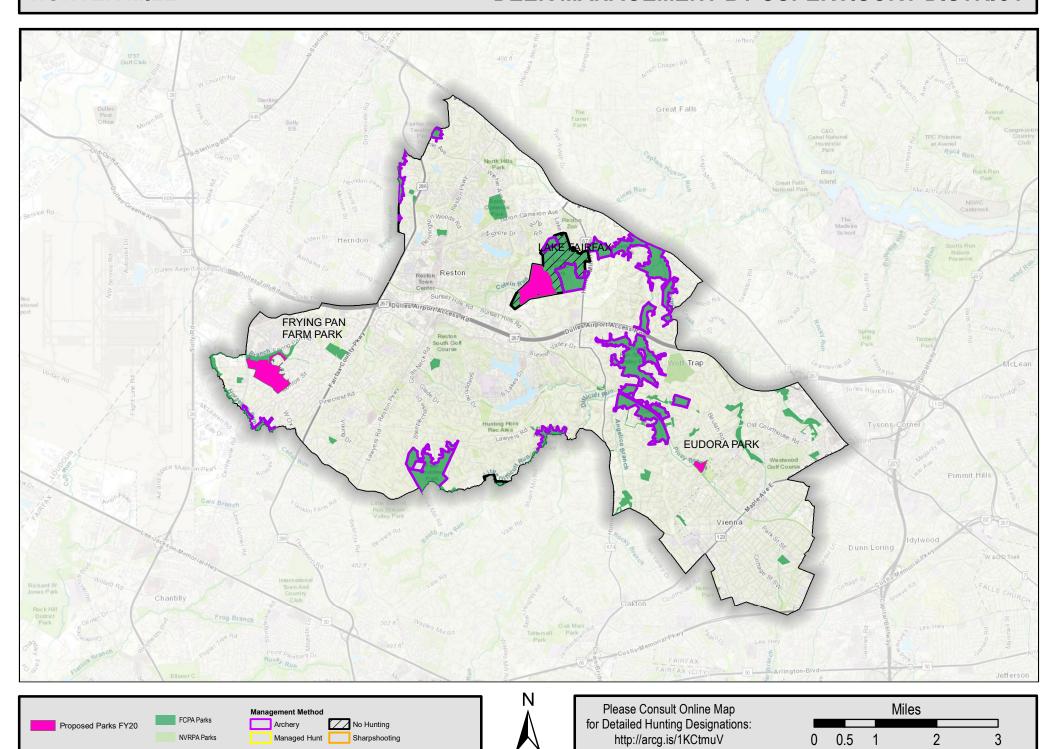
²Lake Fairfax – propose to add 134 additional acres to the archery program in the wooded area to the west of the athletic fields.

HUNTER MILL

Proposed Parks FY20

DEER MANAGEMENT BY SUPERVISORY DISTRICT

0.5



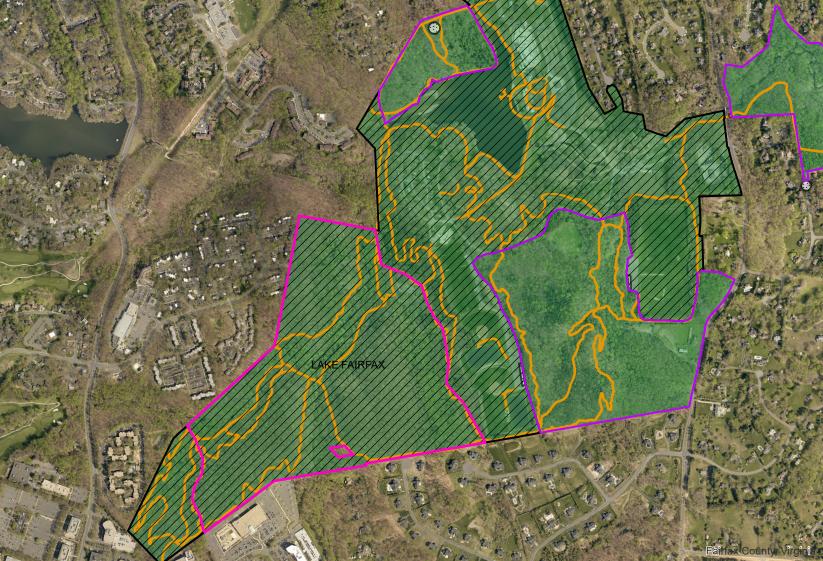
No Hunting

Sharpshooting

Archery

Managed Hunt

NVRPA Parks



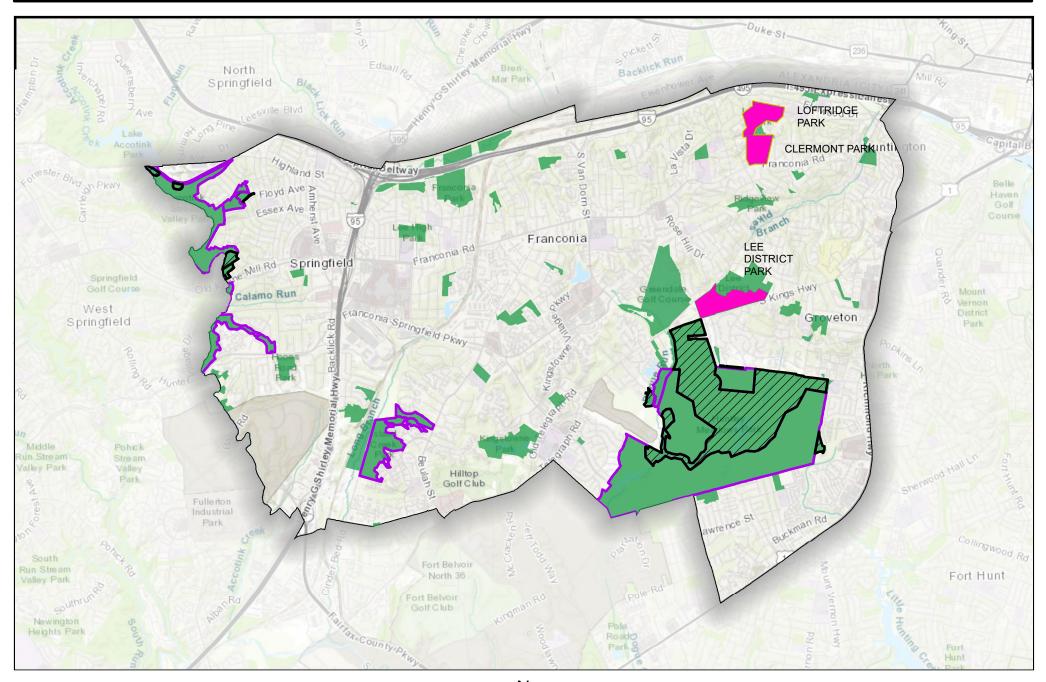
Lee District Proposed Park Additions/Changes for the FY 2020 Deer Management Program **Safety Evaluation Property Proposed** Hunt Year Harvest Harvest Harvest Park Name Owner Location Methods Acreage Completed/Date Research Added **FY 17 FY 18** FY 19 Archery/ Camera Survey, Clermont /Loftridge Park1 **FCPA** Sharpshooting 88 ✓ 3/2016 FY 2018 7 Alexandria **Browse Survey** 6 Lee District Park² **FCPA** Alexandria Archery 77 ✓ 3/2016 Camera Survey FY 2015 1 Park Sites to be Retained for the FY 2020 Deer Management Program **Property Proposed** Hunt Safety Evaluation Year Harvest Harvest Harvest Methods Added FY 19 Park Name Owner Location Acreage Completed/Date Research **FY 17 FY 18** FLIR Survey, Camera Survey, Browse Impact **Accotink Stream Valley FCPA** Springfield Archery 405 ✓ Data NA Survey FY 2012 27 20 9 **FCPA** FY 2015 4 Amberleigh Park Alexandria Archery 18 Data NA Camera Survey 1 FLIR Survey, Camera Brookfield Park **FCPA** Springfield 19 ✓ FY 2014 3 Archery Data NA Survey 1 0 Byron Avenue Park (Access only) **FCPA** Springfield Archery ✓ Data NA FLIR Survey FY 2012 ----Dogue Creek Stream Archery ✓ Valley FCPA Alexandria 21 4/10/15 Observations FY 2016 1 ----Archery/ Camera Survey, 778 Huntley Meadows³ **FCPA** Alexandria Sharpshooting ✓ Data NA Browse Impact Survey FY 2011 49 62 66 Camera Survey, Island Creek Park **FCPA** Alexandria Archery 96 ✓ Data NA 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.

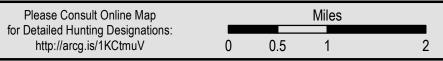
³Huntley Meadows Park: FY 2020 archery season will be shortened and 5-6 nights of sharpshooting will take place at the end of the season. FY 2019 harvest (34 deer harvested from archery, 32 deer harvested from sharpshooting)

LEE









Mason District Proposed Park Additions/Changes for the FY 2020 Deer Management Program **Proposed** Hunt **Safety Evaluation** Harvest Harvest Harvest Methods Completed/Date **FY 17 FY 18** FY 19 Location Acreage Research Year Added Camera Survey,

4/9/2015

Data NA

Browse Impact

Survey

Observations

FY 2016

FY 2010

14

5

1

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

70

31

Sharpshooting

Sharpshooting

Property

Owner

FCPA

FCPA

Alexandria

Alexandria

Park Name

Bren Mar Park/Turkeycock

Run Stream Valley¹

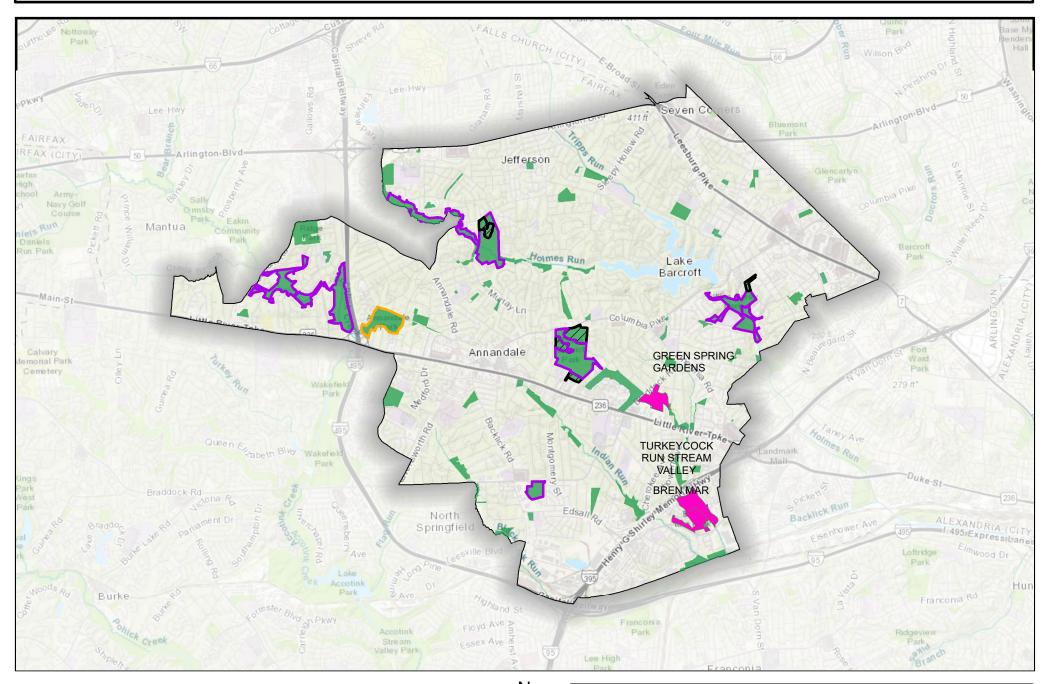
Green Spring Gardens²

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Park Name	Property Owner	Location	Proposed Methods	Hunt Acreage		y Evaluation pleted/Date	Research	Year Added	Harvest FY 17	Harvest FY 18	Harvest FY 19
							FLIR Survey,				
							Camera Survey,				
							Browse Impact				
Accotink Stream Valley	FCPA	Annandale	Archery	251	✓	Data NA	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
							Browse Impact				
		Annandale/					Survey, Camera				
Holmes Run Stream Valley	FCPA	Falls Church	Archery	80	✓	3/2017	Survey	FY 2014/2018	0	22	19
		Annandale/									
Lillian Carey Park	FCPA	Falls Church	Archery	54	✓	Data NA	Observations	FY 2014	3	5	7
							Browse Impact				
		Annandale/					Survey, Camera				
Mason District Park	FCPA	Falls Church	Archery	80	✓	Data NA	Survey	FY 2014	4	3	7
							Camera Survey,				
		Annandale/					Browse Impact				
Roundtree Park	FCPA	Falls Church	Archery	61	✓	Data NA	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.

MASON









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

					Safety					
	Property		Proposed	Hunt	Evaluation			Harvest	Harvest	Harvest
Park Name	Owner	Location	Methods	Acreage	Completed/Date	Research	Year Added	FY 17	FY 18	FY 19
Potomoc Shoreline	NOVA				Meet with NOVA		Proposed			
Regional Park	Parks	Lorton	Archery	TBD	Parks to discuss.	Observations	FY 2020			

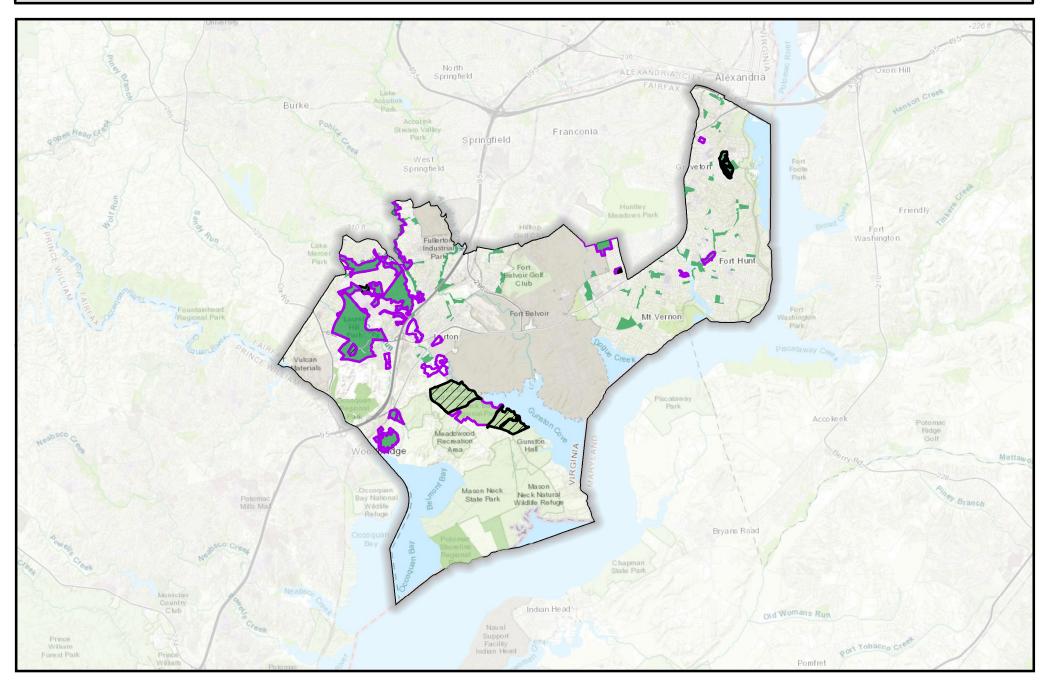
Park Sites to be Retained for the FY 2020 Deer Management Program

						Safety					
	Property		Proposed	Hunt	Evaluation				Harvest	Harvest	Harvest
Park Name	Owner	Location	Methods	Acreage	Com	pleted/Date	Research	Year Added	FY 17	FY 18	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	1	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	1	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	or the	FY 2020 Deer	Management Progra	ım			
Park Name	Property Owner	Location	Proposed Methods	Hunt Acreage		Safety valuation pleted/Date	Research	Year Added	Harvest FY 17	Harvest FY 18	Harvest FY 19
							Browse Impact				
Pohick Stream Valley	FCPA	Springfield	Archery	559	✓	Data NA	Survey	FY 2012	24	34	20
South Run Stream							Browse Impact Survey, Camera				
Valley	FCPA	Springfield	Archery	271	✓	Data NA	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







Please Consult Online Map			Miles			
for Detailed Hunting Designations: http://arcg.is/1KCtmuV	0 0.5 1	2	3	4	5	6

Providence District Proposed Park Additions/Changes for the FY 2020 Deer Management Program **Proposed** Hunt **Safety Evaluation Property** Harvest Harvest Harvest **Park Name** Owner Location Methods **Acreage** Completed/Date Research Year Added **FY 17 FY 18** FY 19 Proposed Oak Marr Park¹ **FCPA** Oakton Archery 58 4/1/19 Observations FY 2020 Proposed ✓ 4/1/19 Tattersall Park¹ **FCPA** Oakton Archery 35 Observations FY 2020 Park Sites to be Retained for the FY 2020 Deer Management Program **Property Proposed** Hunt **Safety Evaluation** Harvest Harvest Harvest Methods Completed/Date Park Name Owner Location Acreage Research Year Added FY 17 FY 18 FY 19 FLIR Survey, Camera Survey, Accotink Stream **Browse Impact** Valley **FCPA** Annandale Archery 251 ✓ Data NA Survey FY 2012 27 20 9 Difficult Run Stream Valley 3 (Reston) **FCPA** Herndon Archery 258 Data NA Camera Survey FY 2011 15 12 Camera Survey, **Eakin Community Browse Impact** ✓ Park **FCPA** Annandale Archery 33 Data NA Survey FY 2012 10 6 10 Camera Survey, Eakin Park **Browse Impact** (Mantua Section) 6 **FCPA** Annandale Archery 72 Data NA FY 2012 11 1 Survey Holmes Run ✓ **Browse Impact** Stream Valley **FCPA** Falls Church Archery 68 3/2017 Survey FY 2018 22 19 Annandale ✓ FY 2012 2 2 0 Sally Ormsby Park **FCPA** Archery 40 Data NA Camera Survey Camera Survey, Waples Mill **Browse Impact**

Data NA

Survey

FY 2015

4

3

1

18

Archery

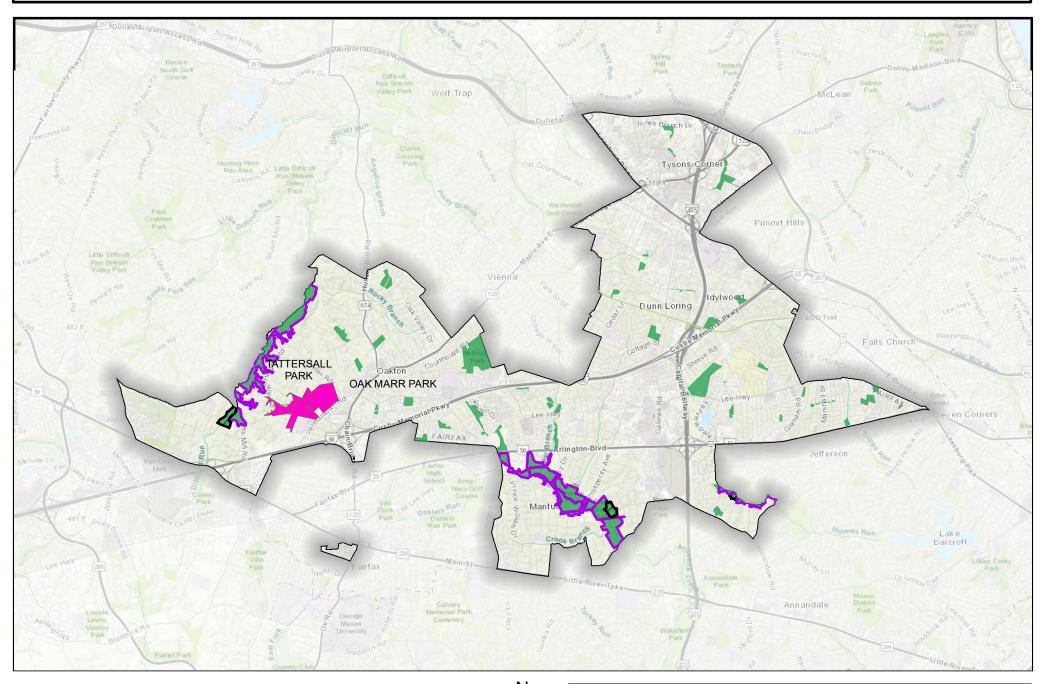
Herndon

Meadow

FCPA

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.

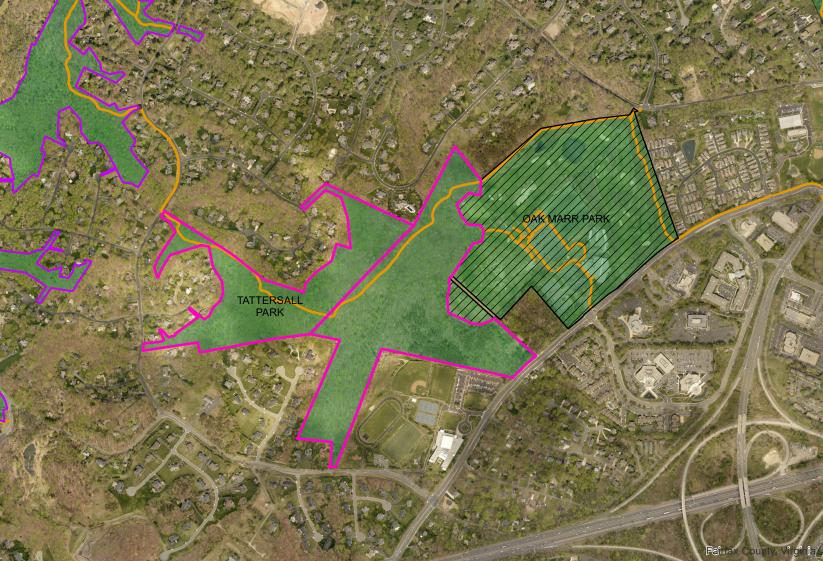
PROVIDENCE







Please Consult Online Map				Miles	
for Detailed Hunting Designations:					
http://arcg.is/1KCtmuV	0	0.5	1	2	3



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

						Safety					
	Property		Proposed	Hunt	E	valuation			Harvest	Harvest	Harvest
Park Name	Owner	Location	Methods	Acreage	Com	pleted/Date	Research	Year Added	FY 17	FY 18	FY 19
								FY 2016			0
Chapel Road Park ¹	FCPA	Clifton	Sharpshooting	25	✓	4/8/2015	Observations	(sharpshooting)	4	5	(archery)

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

						Safety					
	Property		Proposed	Hunt		valuation			Harvest	Harvest	Harvest
Park Name	Owner	Location	Methods	Acreage	Com	pleted/Date	Research	Year Added	FY 17	FY 18	FY 19
							FLIR Survey,				
							Camera Survey,				
Accotink Stream Valley							Browse Impact				
Park	FCPA	Springfield	Archery	405	✓	Data NA	Survey	FY 2012	27	20	9
		Fairfax		_					_	_	_
Brimstone Park	FCPA	Station	Archery	5	✓	4/2016	Observations	FY 2017	0	0	0
	NOVA	-116									
Bull Run Marina	Parks	Clifton	Archery	258	✓	Data NA	Observations	FY 2014	21	27	12
D. II D D i I (C th.)?	NOVA	Clift	Archery/	447		2/2016	01	FV 2047	24	40	20
Bull Run Regional (South) ²	Parks	Clifton	Sharpshooting	447	✓	3/2016	Observations	FY 2017	31	18	20
Burke Lake Park & Golf							FLIR Survey, Browse Impact				
Course	FCPA	Springfield	Archery	323	1	Data NA	Survey	FY 2012	15	10	8
Burke Station Park	FCPA	Springfield	Archery	15	✓	Data NA Data NA	Observations	FY 2012 FY 2014	7	9	5
	1				✓				1		0
Cherry Run Park	FCPA	Springfield	Archery	4	V	3/2016	Observations	FY 2017	1	2	0
Confederate Fortifications							Camera Survey, Browse Impact				
Historic Site	FCPA	Clifton	Archery	150	1	Data NA	Survey	FY 2011	11	10	8
			Archery	130	-	Data NA	Survey	112011	11	10	-
Fountainhead Regional	NOVA	Fairfax	A mala a m	2075	1	Data NA	Observations	EV 2014	20	10	10
Park	Parks	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	NOVA	Clifton	Archom	392	1	4/20/15	Camana Cumunu	TV 2016	10	37	1.5
Regional Park	Parks	Ciliton	Archery	392	Y	4/20/15	Camera Survey FLIR Survey,	FY 2016	19	37	15
Hunter Village Park	FCPA	Springfield	Archery	20	1	Data NA	Camera Survey	FY 2014	1	0	3
			•		<u> </u>		•				
Huntsman Lake	FCPA	Springfield	Archery	26	✓	3/2016	Observations	FY 2017	5	5	8
							Camera Survey,				
Johnny Moore Stream							Browse Impact				
Valley Park	FCPA	Clifton	Archery	342	1	Data NA	Survey	FY 2012	30	36	33
vancy rank	ICIA	Cirtori	Aichery	372		Data NA	Julycy	112012	30	30	

		Par	k Sites to be Re	tained for t	he FY	2020 Deer Ma	ınagement Progra	m			
						Safety					
	Property		Proposed	Hunt	E	valuation			Harvest	Harvest	Harvest
Park Name	Owner	Location	Methods	Acreage	Com	pleted/Date	Research	Year Added	FY 17	FY 18	FY 19
							Browse Impact				
							Survey, Camera				
Lake Mercer Park	FCPA	Springfield	Archery	195	✓	Data NA	Survey	FY 2012	3	4	4
		Fairfax					Browse Impact				
Lincoln Lewis-Vannoy Park	FCPA	Station	Archery	68	✓	4/2016	Survey	FY 2017	27	7	4
Middle Run Stream Valley	FCPA	Springfield	Archery	169	✓	3/2016	Observations	FY 2017	10	4	5
		Fairfax					Browse Impact				
Patriot Park	FCPA	Station	Archery	122	✓	Data NA	Survey	FY 2014	8	6	8
Piney Branch Stream		Fairfax					Browse Impact				
Valley	FCPA	Station	Archery	39	✓	3/2017	Survey	FY 2018		12	15
Poburn Woods Park	FCPA	Springfield	Archery	11	✓	3/2016	Observations	FY 2017	0	0	1
							Browse Impact				
Pohick Stream Valley Park	FCPA	Springfield	Archery	580	✓	Data NA	Survey	FY 2012	24	34	20
							Camera Survey,				
		Fairfax					Browse Impact				
Popes Head Park	FCPA	Station	Archery	38	✓	Data NA	Survey	FY 2014	6	13	3
							Camera Survey,				
Rocky Run Stream Valley							Browse Impact				
Park	FCPA	Chantilly	Archery	111	✓	4/7/2015	Survey	FY 2016	25	10	20
	NOVA	Fairfax									
Sandy Run Regional Park	Parks	Station	Archery	330	✓	Data NA	Observations	FY 2014	10	8	14
		Fairfax	_				_				
Sandy Run Stream Valley	FCPA	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
							Browse Impact				
							Survey, Camera				
South Run District Park	FCPA	Springfield	Archery	115	✓	Data NA	Survey	FY 2011	11	6	3
Courth Davis Character Mail							Browse Impact				
South Run Stream Valley	ECD4	Coninctial	A mala a mir	210		Doto NA	Survey, Camera	EV 2011		10	
Park	FCPA	Springfield	Archery	319	✓	Data NA	Survey	FY 2011	9	10	3
West Springfield Village	ECD 4	Corio-field	، سے طوم ۸	10		Date NA	Obsomiations	FV 2014	_	4	_
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

FCPA Parks

NVRPA Parks

Archery

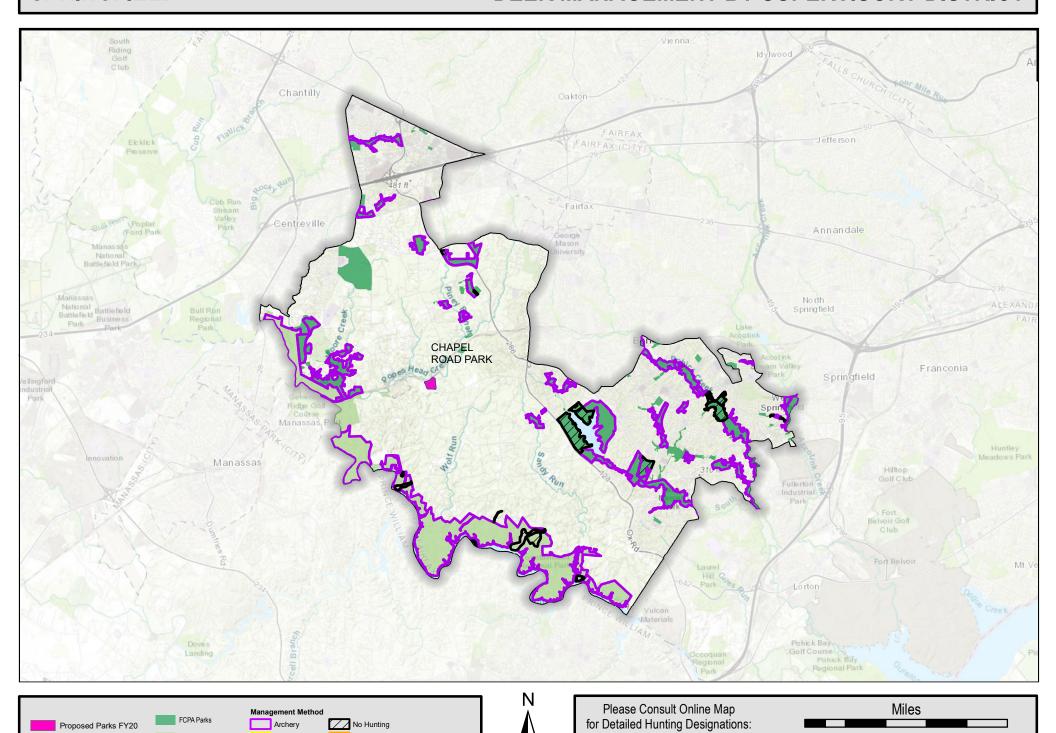
Managed Hunt

No Hunting

Sharpshooting

Proposed Parks FY20

DEER MANAGEMENT BY SUPERVISORY DISTRICT



http://arcg.is/1KCtmuV

0 0.5 1

				Su	lly Dis	trict					
		Propose	d Park Addition	s/Changes	for the	FY 2020 Dee	r Management P	rogram			
Park Name	Property Owner	Location	Proposed Methods	Hunt Acreage	Ev	Safety aluation oleted/Date	Research	Year Added	Harvest FY 17	Harvest FY 18	Harvest FY 19
Ellanor C Lawrence Park ¹	FCPA	Chantilly	Archery	459	· ·	Data NA	FLIR Survey, Camera Survey, Browse Impact Survey	FY 2011	26	36	39
		Par	k Sites to be Ret	tained for t	he FY 2	020 Deer Ma	nagement Progra	am		ı	L
						Safety					
Park Name	Property Owner	Location	Proposed Methods	Hunt		aluation oleted/Date	Research	Year Added	Harvest FY 17	Harvest FY 18	Harvest FY 19
Park Name	NOVA	Location	Archery/	Acreage	Comp	leted/Date	Research	Added	FT 17	L1 10	F1 13
Bull Run Regional Park ²	Parks	Centreville	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	1	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
Elklick 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
	500.4			0-			FLIR Survey,	EV 2010			

95

64

72

Archery

Archery

Archery

✓

✓

Data NA

3/2016

Data NA

Camera Survey

Observations

Browse Impact

Survey

FY 2013

FY 2017

FY 2014

2

2

10

1

13

15

1

8

12

Hickory Forest Park

Valley Park

Valley Park

Horsepen Run Stream

Little Difficult Run Stream

FCPA

FCPA

FCPA

Centreville

Vienna

Herndon

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

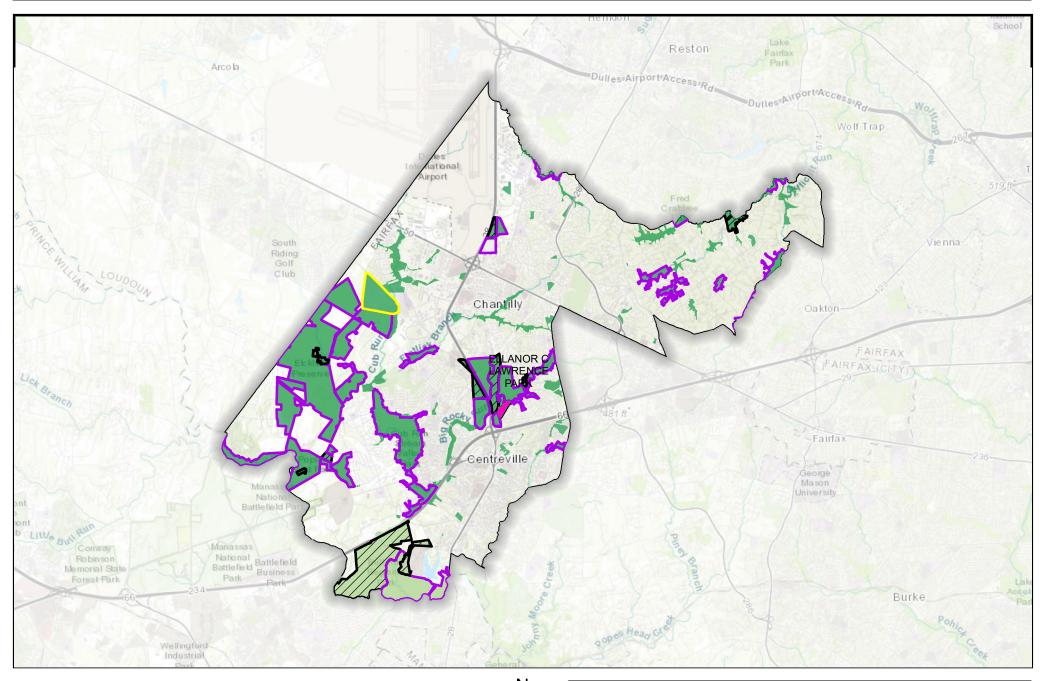
¹Ellanor C. Lawrence Park – propose to add 26 acres to the hunt area (see map).

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

³Elklick 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 Elklick 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 Elklick Preserve, Rock Hill District Park, Mountain Road District Park and Richard W. Jones/Pleasant Valley Golf Course.

SULLY







Please Consult Online Map			Miles		
for Detailed Hunting Designations:					
http://arcg.is/1KCtmuV	0 0.5	1	2	3	4



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

STATUS

A Active Project
I Inactive Project
C Completed Project

Strategic Plan Division Workplan Bond Projects

FY20 Workplan (7/19 - 6/20)

Archaeological Survey of Parkland (Section 110-level Inventory) in support of Demoltions A Children Inventory in support of Demoltions A Children Inventory in support of Demoltions A Children Inventory in support of A Mount AirRiverbend Fieldwork Continues A Children Inventory in support of A Mount AirRiverbend Fieldwork Continues A Children Inventory in support of A Mount AirRiverbend Fieldwork Continues A Children Inventory in Support of A Mount AirRiverbend Fieldwork Continues A Children Inventory in Support of Fieldwork Continues A Children Inventory in Support of Fieldwork Children Inventory			1 120 WOIK	piaii (<i>11</i> 13 - 0/2	- <i>0</i>				
Archaeological Survey of Parkland (Section 110-level Inventory) in support of Demoittons Archaeological Survey of Parkland (Section 110-level Inventory) in support of Demoittons Archaeological Survey of Parkland (Section 110-level Inventory) in support of Demoittons Archaeological Survey of Parkland (Section 110-level Inventory) in support of Demoittons Archaeological Survey of Parkland (Section 110-level Inventory) in support of Demoittons Archaeological Survey of Parkland (Section 110-level Inventory) in support of Demoittons Archaeological Survey of Parkland (Section 110-level Inventory) in support of Demoittons Archaeological Survey of Parkland (Section 110-level Inventory) in support of Demoittons Archaeological Survey of Parkland (Section 110-level Inventory) in support of Demoittons Archaeological Survey of Parkland (Section 110-level Inventory) in support of Demoittons Archaeology associated with abandonment and report Inventory in support of Demoittening and Parkland Demoittening Inventor Inventory in support of Demoittening Inventory in support of Demoittening Inventory in support of Demoittening Inventory in support of Demoit Inventory in support Inventory in support Inventory in support Inventory in Status Update(Comments Ormally Inventory Invento	SP Action Step	Q							
Archaeological Survey of Parkland (Section 110-level Inventory) in support of Demolitions A								· ·	
(Section 110-level Inventory) in support of Demolitions and Policy Inventory of Demolitions and Policy Inventor of Policy Inven	A		1111	Status Update/Comments			End Date	Approval and Date	
Demolitions A G/1/2019 speciment of the training of the second of the s		1				6/1/2019			
Fieldwork Kickoff 4 Nount Air report/Riverbend/Mount Gilead Fieldwork Related Plan Assigned Staff Related Plan Archaeology associated with abandonment and reestablishment of Potomac Heritage Trail Riverbend Fieldwork Continues A Related Plan Assigned Staff Related Plan Archaeology Associated with abandonment and reestablishment of Potomac Heritage Trail Riverbend Fieldwork Continues A Report Riverbend Fieldwork Riverbend Riverbe					A			Lead:SP ID	
4 Mount Air report/Riverbend/Mount Gliead Fieldwork Rotated Plan Crowell, Sperling, Wells SP Action Step ORACLE Status Update/Comments Archaeology associated with abandonment and reestablishment of Potomac Heritage Trail Riverbend Fieldwork Continues A Milestone Status Update/Comments A Milestone A Milestone A Milestone Status Update/Comments A Milestone A	Demoillons	3				0///00/40			
Fieldwork Related Plan Crowell, Sperling, Wells Spraction Step Q Archaeology associated with abandonment and reestablishment of Potomac Heritage Trail Related Plan CRM Plan Crowell, Sperling, Wells Status Update/Comments A 7/1/2019 No Status Update/Comments A 7/1/2019 No Sital Date End Date Approval and Date A 7/1/2019 No Statis Update/Comments A 6/30/2020 Project Scope Archaeology Associated with construction of road (Capital Project) at Green Springs Milestone A 7/1/2019 No Status Update/Comments A 6/30/2020 Project Scope Archaeology Associated with construction of road (Capital Project) at Green Springs Milestone Archaeology Associated with construction of road (Capital Project) at Green Springs Archaeology Associated with construction of road (Capital Project) at Green Springs Archaeology Associated with construction of road (Capital Project) at Green Springs Archaeology Associated with construction of road (Capital Project) at Green Springs Archaeology Associated with construction of road (Capital Project) at Green Springs Archaeology Associated with construction of road (Capital Project) at Green Springs Archaeology Associated with construction of road (Capital Project) at Green Springs Archaeology Associated with construction of road (Capital Project) at Green Springs Archaeology Associated with construction of road (Capital Project) at Green Springs Archaeology Associated with construction of road (Capital Project) at Green Springs Archaeology Associated with construction of road (Capital Project) at Green Springs Archaeology Associated with construction of road (Capital Project) at Green Springs Archaeology Associated with construction of road (Capital Project) at Green Springs Archaeology Associated with construction of road (Capital Project) at Green Springs Archaeology Associated with construction of road (Capital Project) at Green Springs Archaeology Associated with construction of road (Capital Project) at Green Springs Archaeology Associated with construction of road (Capital Project) at Green		4			A	6/1/2019			
Related Plan		4			_				. ,
Related Plan Crowell, Sperling, Wells S7,000.00 PR000076-010 \$67,000.00 SP Action Step Archaeology associated with abandonment and reestablishment of Potomac Heritage Trail Riverbend Fieldwork Continues A Five-bend Field			rieidwoi k		A	Fun	ding: 2016 Bond		, , , , , , , , , , , , , , , , , , , ,
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						\$7,000.00	PR000076-006	\$7,000.00	

Attachment 1

Riggs Buckley (LLV) Archaeological field and lab completion and report 2 3. Report preparation 4 1 Laboratory Analysis 5 1 1 TBD No Laboratory Cataloging and analysis, and preparation of draft report for submittal to VDHR. Staff has identified funding to complete field but and lab completion and report 4 2 3. Report preparation 5 1 TBD No Laboratory Cataloging and analysis, and preparation of draft report for submittal to VDHR. Staff has identified funding to complete the lab work and report preparation. Triming for completion of this project is Balance. Archaeology associated with capital projects Archaeology associated with capital project is Complete reporting on previous Sulfy Needs? Approved and Project is End Date Approval and	OD 4 -4: 04								
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Funding: 2008 Bond, 2016 Bond		4 Continue Report preparation/Mountain View						Mountair View property. On hold dependent	
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		Related Plan	Assigned Staff	Needs?	Approved Amt	Project #	Balance		
\$30,000.00 \$30,000.00		CRM Plan	Rutherford/Pettitt/Mayes		\$265,842.00	PR000012-010	\$60,279.00]	
					\$30,000.00		\$30,000.00		

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					Requires Board	
	Milestone	Status Update/Comments	Complete?	Start Date	End Date	Approval and Date	Project Scope
Sully Renovation(Main house)	Submit for Building Permit	Completed	С	5/3/2019	8/26/2019		Based on the HSR, renovations, and improvements, m
	2 Advertisement to Bid	Dates are tentative	Α	9/16/2019	10/16/2019	Lead:SP ID	
	3 Contract Award	Dates are tentative	Α	11/12/2019			
	4 Construction	Dates are tentative	Α	1/20/2020	5/19/2020		
				Fund	ing: 2008 Bond		
	Related Plan	Assigned Staff	Needs?		Project #	Balance	
	CRMP	Buchta, Leining, McDonnell, Olien		\$204,158.00	PR000012-015	\$ 99,329.00	
SP Action Step	Q						
						Requires Board	
	Milestone	Status Update/Comments	Complete?	Start Date	End Date	Approval and Date	Project Scope
Historic Structure Reports, CLR's &	1 Lanes Mill CLR	Completed June 1	С		6/1/2019		Lanes Mill is complete and the remaining site will be co
Treatment Plans	2 Dranesville Tavern, Sears House	RFP issued (Dranesville)	I	10/1/2019		Lead:SP ID	
	3 McDannald House		I				
	4 Lewinsville House		I				
				Funding:			
	Related Plan	Assigned Staff	Needs?	Approved Amt	Project #	Balance	
	CRMP	Buchta, Langton, A&C		\$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							
							Requires Board	
		Milestone	Status Update/Comments	Complete?	Start Date	End Date	Approval and Date	Project Scope
Historic Centerville Interpretive Plan	1	Finalize sign text for 3 signs and submit for design		Α	1-Jul-19			Sully Woolands and Historic Centreville Park
Implementation	2	Print and install signs					Lead:SP ID	approved in 2011 was complete with a balance
	3	Finalize sign text for 3 signs and submit for design						remaninng. The balance will be used for signs
	4	Print and install signs				6/30/2020		identified in the wayfinding and interpretive plan.
					Funding: Pi	roffer, 2012 E	Bond	
		Related Plan	Assigned Staff	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)

			Tronkplan (1710 0/20)					
SP Action Step	О						Requires Board	
		Milestone	Status Update/Comments	Complete?	Start Date	End Date	Approval?	Project Scope
Conduct resource surveys and determine	1	Start flora inventory of west area parks			7/1/2019		No	Inventory natural resources and prepare a natural
the extent and need for mitigation of impacts to natural and cultural resources		Quality control of collected flora data; Conduct plan writing and analysis of field data						resources management plan for approximately 6,000 acres of parkland in the west planning area for FY19.
as park of master planning and in advance of development.		Start fauna inventory of west area parks; Continue quality control of flora data; Conduct plan writing and analysis of field data					Lead: SP ID NCR2 - f	Natural resources inventory will include both flora and fauna. The project will be completed in three years.
		Continue fauna inventory of west area parks; Continue flora inventory of west area parks				6/30/2020		
						g: 2012 Bon		
		Related Plan	Assigned Staff	Needs?	Approved Amt	Project #	Balance	
		Strategic Plan, NRMP	Sinclair, DeBarros, McFadden, Stokely, Williams		\$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	1	Boundary survey; Easement drafting; and Title		A	1-Jul		Yes	Dedicate eligible portions of Huntley Meadows Park as
Meadows Park Implementation		2 Boundary survey; Easement drafting; and Title						either Natural Area Preserve or Open Space Easement
		report preparation		A			Lead:SP ID	per approved project scope.
		Boundary survey; Easement drafting; and Title report preparation		Α				
		Boundary survey; Easement drafting; and Title report preparation		А				
					Funding	g: 2012 Bon	ol .	
		Related Plan	Assigned Staff	Needs?	Approved Amt	Project #	Balance	
			Stokely, Williams		\$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 acre
		2 Conduct scoping, planning, and design; Begin						at Laurel Hill Park per the approved scope.
		implementation					Lead:SP ID	
		Continue implementation		A				
	4	Continue implementation		A		6/30/2019		
					Fundin	g: 2016 Bond		
		Related Plan	Assigned Staff	Needs?	Approved Amt	Project #	Balance	_
		NRMP	Veljkovic, Williams		\$175,000.00	PR000076-0	\$175,000.00	