



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: June 20, 2019

Agenda

**Resource Management Committee
(Committee of the Whole)
Wednesday, June 26, 2019 – 5:15 p.m.
Boardroom – Herrity Building
Chairman: Maggie Godbold
Vice Chair: Linwood Gorham**

1. Scope Approval – Frying Pan Forest Restoration – Action*
2. Cultural Resource Management Plan FY19 Accomplishments and FY20 Plans – Information* (with presentation) *(This item is going to the board for action on June 26, 2019.)*
3. Natural Resource Management Plan FY19 Accomplishments and FY20 Plans – Information* (with presentation) *(This item is going to the board for action on June 26, 2019.)*

*Enclosures



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

Board Agenda Item
July 10, 2019

ACTION

Scope Approval – Frying Pan Farm Park Forest Restoration (Hunter Mill District)

ISSUE:

Approval of the project scope to plan and implement an ecosystem restoration project at Frying Pan Farm Park.

RECOMMENDATION:

The Park Authority Executive Director recommends approval of the project scope to plan and implement an ecosystem restoration project at Frying Pan Farm Park to restore the native forest community.

TIMING:

Board approval of the project scope is requested on July 10, 2019, in order to keep the project schedule.

BACKGROUND:

The Helping Our Land Heal Program was developed based on the successful work from the Ellanor C. Lawrence Forest Management Pilot Project. The scope complies with the Frying Pan Farm Park Master Plan and works toward achieving the following Recommended Actions in the agency-wide Natural Resource Management Plan.

- Recommended Action 16 – Manage natural resources adaptively and holistically on a landscape scale with the ultimate goal of having naturally regenerating native plant systems and healthy native wildlife populations.
- Recommended Action 17 – Control overabundant and invasive species that negatively impact natural resources to include, but not limited to, white-tailed deer, non-native invasive species, resident Canada geese, feral animals, and forest pests.
- Recommended Action 18 – Ensure the health of existing forested areas. Where possible ensure native biodiversity and sustainable regeneration; elsewhere restore to the highest ecosystem function practicable.
- Recommended Action 19 – Enhance connectivity of parkland to provide natural corridors that allow for the movement of populations over time and preserve ecosystem function and biodiversity.

Board Agenda Item
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The goal of the project is to restore native forest ecosystems on a minimum of approximately 8.5 acres of Frying Pan Farm Park. The project will restore Northern Hardpan Basic Oak Hickory Forest (CEGL006216), Acidic Oak Hickory Forest (CEGL008475), and/or Piedmont Floodplain Swamp (CEGL006497) community types. Specific forest community types, locations, and amounts will be determined through site analysis during the design process.

The project areas proposed for restoration are identified on the Frying Pan Farm Park Ecological Restoration Map, enclosed as Attachment 2. Any surplus project funds will be reinvested in Frying Pan Farm Park ecological restoration work or returned for reallocation to other projects.

The project will start the first quarter of fiscal year 2020 with an approximate five-year duration.

FISCAL IMPACT:

Based on the scope cost estimate, funding in the amount of \$260,000 is necessary to conduct the project (Attachment 1). Funding is available in the amount of \$1,825,000 in PR-000076, Natural and Cultural Resource Stewardship-2016 in Fund 30400, Park Bond Construction Fund.

ENCLOSED DOCUMENTS:

Attachment 1: Scope Cost Estimate for Frying Pan Farm Park Restoration Project
Attachment 2: Frying Pan Farm Park Restoration Maps
Attachment 3: Frying Pan Farm Park Restoration Project Existing and Desired Conditions

STAFF:

Kirk W. Kincannon, Director
Sara Baldwin, Deputy Director/COO
Aimee L. Vosper, Deputy Director/CBD
David Bowden, Director, Planning & Development Division
Barbara Nugent, Director, Resource Management Division
Todd Brown, Director, Park Operations Division
Cindy Walsh, Director, Park Services Division

**Frying Pan Farm Park Forest Restoration
Project Scope Cost Estimate**

Project Administration	\$32,500
Site Design and Planning	\$26,500
Archaeology	\$12,000
Implementation, Establishment, and Close-out	\$189,000
Total	\$260,000

Frying Pan Farm Park Fairfax County Park Authority



Frying Pan Farm Park

Legend

 Frying Pan Farm Park



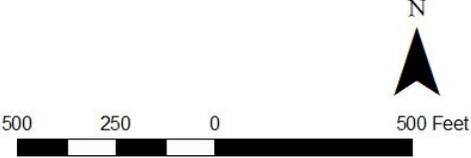
Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGIS, OpenStreetMap contributors, and the GIS User Community

Frying Pan Farm Park Ecological Restoration Fairfax County Park Authority



Legend

-  FCPA Parks
- Ecological Restoration Units**
-  High Priority
-  Low Priority



**Frying Pan Farm Park
Restoration Project
Existing and Desired Conditions**

Existing Condition – Kudzu preventing growth of trees, advancing into adjacent forest and stream valley



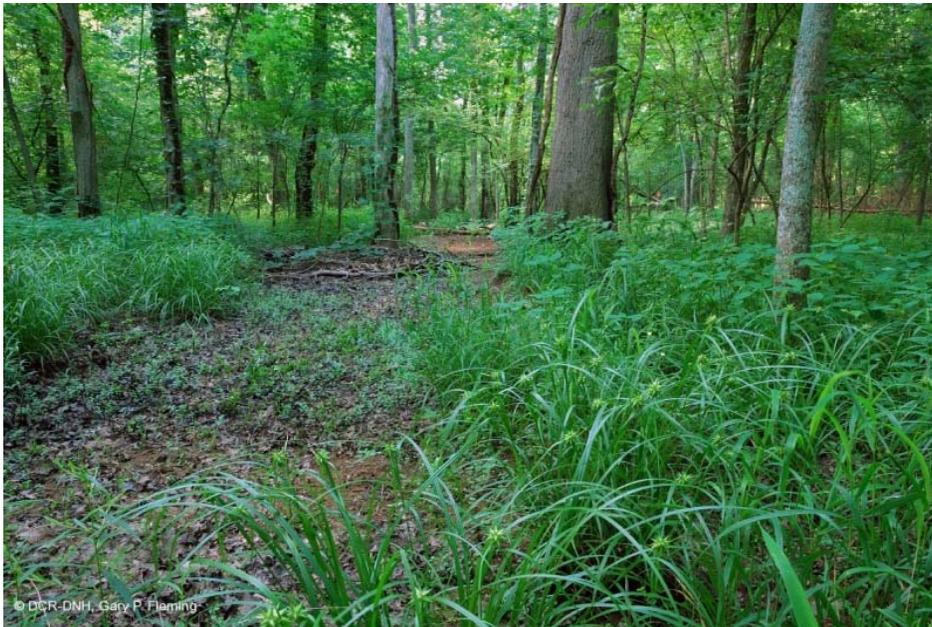
Desired Condition – Northern Hardpan Basic Oak Hickory Forest (CEGL006216)



Desired Condition – Piedmont Acidic Oak Hickory Forest (CEGL008475)



Desired Condition – Piedmont Floodplain Swamp (CEGL006497)



Board Agenda Item
July 10, 2019

INFORMATION (with Presentation)

Cultural Resource Management Plan FY 2019 Accomplishments and FY 2020 Implementation Plan

The current Cultural Resource Management Plan (CRMP) was approved by the Park Authority Board on March 14, 2018. The CRMP is a component of the agency Strategic Plan. This plan provides guidance for the identification, evaluation, documentation, protection, management and interpretation of cultural resources, both on parkland and countywide. Staff has completed the first 13 years (FY 2007 – FY 2019) of the plan and is presenting the proposed plan for the 14th year implementation (FY 2020).

The presentation will highlight the Cultural Resource accomplishments for FY 2019 and will present proposed plans for FY 2020. The areas of emphasis are three management themes: Inventory and Planning, Management and Protection, and Stewardship Education, which are related to continued progress with archaeological and museum collections, and large archaeological and cultural resource projects, such as the Resident Curator Program.

ENCLOSED DOCUMENTS:

Attachment 1: Cultural Resource Management Plan FY2019 Accomplishments and FY2020 Implementation Plan

STAFF:

Kirk W. Kincannon, Executive Director
Sara Baldwin, Deputy Director/COO
Aimee L. Vosper, Deputy Director/CBD
David Bowden, Director, Planning & Development Division
Todd Brown, Director, Park Operations Division
Barbara Nugent, Director, Resource Management Division
Judy Pedersen, Public Information Officer
Liz Crowell, Branch Manager, Archaeology and Collections Branch
David Buchta, Branch Manager, Heritage Conservation and Museum Collections Branch

**Cultural Resource Management Plan
FY 2019 Accomplishments
FY 2020 Implementation Plan**

FY 2019 Accomplishments

Resident Curator Program (RCP)

- Second RCP Lease signed for Turner Farmhouse
- Historic Structure Reports and Treatment Plans completed at Clemyjontri and Barrett House
- RCP received NACPRO Award
- Created GIS dataset for RCP and Heritage Conservation sites
- Ellmore, Ash Grove and Lahey houses advertised for curatorship, six applications received
- Incorporated Tririga work requests with all RCP workplans
- Infrastructure and utilities preparation (approx. \$300,000) of Bond funds

Inventory and Planning

- Completed archaeological projects in support of the RCP at Barrett House, Dranesville Tavern, Lahey Lost Valley, Ash Grove, and Margaret White Gardens, among other curator properties. Completed archaeological projects in support of Natural Resource projects at Sully Woodlands and Colchester.
- Conducted archaeological review of and participated in countywide projects in compliance with federal, state, and local policies, standards and guidelines, and regulations. Completed more than 160 development plan reviews and review of associated reports as of the end of May. Provided technical assistance for encroachments, easements, trail projects, utility projects, and DPWES projects on an as-needed basis.
- Continued to inventory archaeological artifact collection, report library, and associated database information.
- Completed archaeological fieldwork at Lincoln Lewis Vannoy (Patriot Park North) prior to the construction of ballfields. Identified historic structures associated with African American occupation and cemeteries.

Management and Protection

- Participated in the selection of the consultant for the combined archaeological and museum collections facility.
- Completed several Standard Operating Procedures (SOP) for RCP, inspections and other Heritage Conservation Branch (HCB) operations.
- Integration of HCB Historic Buildings Grading System.

- IPad technology incorporated in HCB and RCP operations.
- GIS Dataset for HCB and RCP completed on 114 structures.
- Resident Curator Program added properties and developed other Heritage Conservation strategies such as Conservation and Resident Caretaker Leases.
- Participated in project teams for countywide projects with cultural resource concerns, including Rte. 66, Woodlawn Plantation, and Scimore's Academy, and Route 7, among others and reviewed associated submittals, plans, and reports.
- Monitored projects in Tririga for potential impacts to cultural resources and Total Cost of Ownership (TCO).
- Conducted Historic Structures Reports (HSRs) at Clemyjontri and Barrett houses and Cultural Landscape Report at Lane's Mill to provide information for conservation and management of these important cultural resources.

Stewardship Education

- Partnered Friends of Fairfax County Archaeology and Cultural Resources (FOFA), the Fairfax County History Commission, Gunston Hall, and George Mason University in archaeological public outreach efforts.
- Participated in symposia celebrating 40 Years of Archaeology at the Archeological Society of Virginia Annual Meeting and the Middle Atlantic Archaeological Conference.
- Addressed citizen inquiries regarding cultural resources on parkland and countywide.
- Continue successful archaeological volunteer program, providing archaeological laboratory and field opportunities for volunteers, which includes intensive training in archaeological methods. The Historic Site Volunteer Corps (HSVC) participated in work at several historic sites including Sully Historic Site, Ft. Willard and Dranesville Tavern.
- Used emerging technologies such as virtual reality and augmented reality as an analytical and interpretive tool for archaeological sites.

FY 2020 Implementation Plans

Inventory and Planning

- Conducting Archaeological Survey at Riverbend Park associated with the abandonment of the existing trail and the construction of a new trail. Documenting archaeological resources before they are destroyed by erosion.
- Conducting Archaeological Survey at Mount Air in compliance with the Zoning Ordinance. Archaeology must be done prior to the demolition of the tenant house and the barn on the property.
- Will be conducting archaeology at Mount Gilead in compliance with the Zoning Ordinance. Archaeology must be done prior to the demolition of the garage on the property.
- Assess Museum Collections for possible deaccessions to better manage collections

- Will continue to inventory and care for archaeological and museum collections.

Management and Protection

- Complete laboratory analysis of the artifacts from Lincoln Lewis Vannoy and write the archaeological technical report.
- Participate on the team for the development of the Collections Facility.
- Participate in countywide streamlining of planning and zoning, including zmod.
- Several new HCB SOPs planned for incorporation including RCP Program Manual, HSR/Treatment Plans and Maintenance Inspection SOPs.
- Work with FOFA to organize a symposium on Historic Cemeteries.
- Work with the 50th Anniversary Middle Atlantic Archaeology Conference.
- Continue archaeological volunteer program, including participation in the archaeological certification program and the oversight of interns.
- Complete major rehabilitation and upgrades at Sully Historic Site.
- Continue development of GIS tools with field technologies.
- Further develop proposal for Lorton Dairy Farm (Laurel Hill).

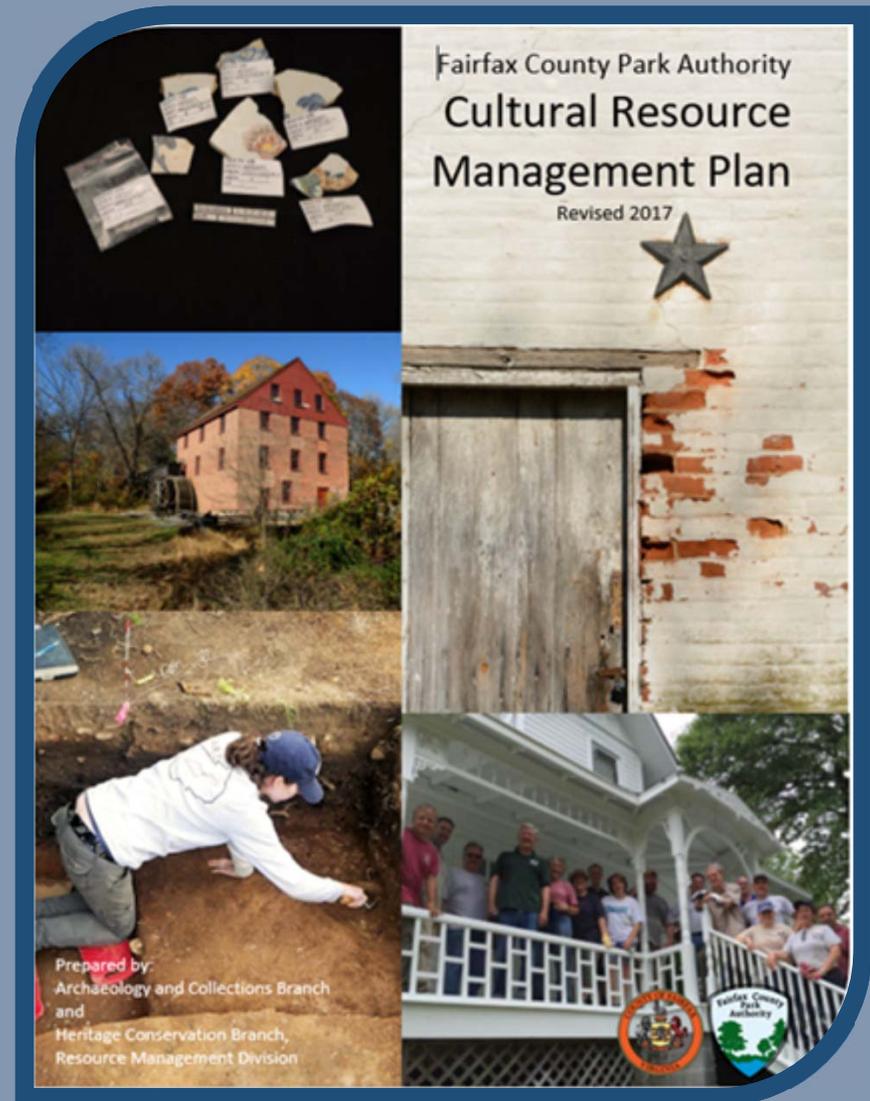
Stewardship Education

- Work with FOFA to organize a symposium on Historic Cemeteries.
- Work with the 50th Anniversary Middle Atlantic Archaeology Conference.
- Continue archaeological volunteer program, including participation in the archaeological certification program and the oversight of interns.
- Conduct a minimum of ten HSVC volunteer events at historic sites.
- Continue to promote RCP, Conservation and Resident Caretaker Leases countywide

Cultural Resource Management Plan

FY 2019 Accomplishments & FY 2020 Implementation Plan

Resource Management Committee
June 26, 2019



Prepared by:
Archaeology and Collections Branch
and
Heritage Conservation Branch,
Resource Management Division



FY19 Accomplishments Inventory and Planning

- Completed archaeological fieldwork for LLV (Patriot Park North)
- Conducted archaeological studies in support of the Resident Curator Program (RCP), Natural Resources, CIP, ADA, and others
- Completed over 160 reviews of development plans by the end of May
- Conducted countywide archaeology studies in support of DPZ, FCDOT, DPWES and others



FY19 Accomplishments Management & Protection



- Participated in Collections Facility Site Selections Team
- Participated in various countywide project teams with cultural resource concerns
- Continued to upgrade archaeological and museum collections to comply with AAM standards



FY19 Accomplishments

Stewardship Education

- Co-sponsored symposia with FOFA, Gunston Hall, and History Commission
- Worked with volunteers, interns, students and citizens in public outreach efforts
- Commemorated 40 years of archaeology in Fairfax County at local, state, and regional conferences
- HSVC passes 100 volunteers, Ft. Willard YMSL Project



FY19 Accomplishments

Resident Curator Program

- Second RCP Lease signed for Turner Farmhouse
- Historic Structure Reports and Treatment Plans completed at Clemyjontri and Barrett House
- Received NACPRO Award
- Created GIS dataset for RCP sites
- Ellmore, Ash Grove and Lahey houses advertised for curatorship, six applications received
- Infrastructure and utilities preparation



FY 2020 Plans - Inventory and Planning

- Archaeology at Riverbend
- Archaeology at Mt Air and at Mt Gilead
- Several derelict building will need to be demolished
- Work on countywide projects and initiatives



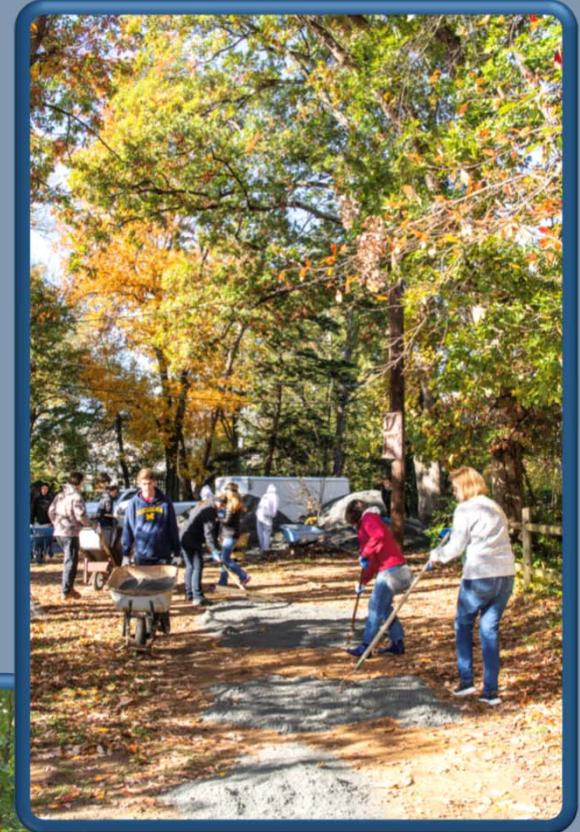
FY 2020 Plans - Management & Protection

- Work with consultant to plan combined archaeology and museum collections facility
- Update archaeological artifact collections and report library and database
- Worked with partner county agencies to streamline development applications



FY 2020 Plans - Stewardship Education

- Partner with FOFA, Gunston Hall, and George Mason University
- Address citizen inquiries on cultural resources
- Continue to promote RCP
- Nurture successful volunteer programs, including Historic Site Volunteer Corps (HSVC)
- Continue to participate in countywide events



Acknowledgements

- Park Authority Board
- Board of Supervisors
- Department of Planning and Zoning
- Department of Public Works/Environmental Services
- Fairfax County Department of Transportation
- Fairfax County History Commission
- Fairfax County Architectural Review Board
- Friends of Fairfax County Archaeology and Cultural Resources (FOFA)
- Virginia Department of Historic Resources
- Virginia Department of Transportation (VDOT)
- Council of Virginia Archaeologists (COVA)
- Archeological Society of Virginia (ASV)
- National Park Service
- Fairfax County Park Foundation
- Visit Fairfax
- Bureau of Land Management
- Fort Belvoir
- Gunston Hall
- Mount Vernon
- Local historical societies
- Volunteers

Board Agenda Item
July 10, 2019

INFORMATION (with presentation)

Natural Resource Management Plan – FY 2019 Accomplishments and FY 2020 Implementation Plan

On January 29, 2014, the Park Authority Board adopted the agency-wide Natural Resource Management Plan (NRMP). The plan coordinates agency-wide efforts to achieve the resource preservation mission of the Fairfax County Park Authority and implement agency Policy 201 – Natural Resources. Staff implemented the fourth full year of the new NRMP.

This presentation will highlight the NRMP, the FY 2020 implementation plan and FY 2019 accomplishments. In FY 2019 work was accomplished on all four management themes, and 23 of the 26 recommended actions. Areas of emphasis for FY 2019 include completing planned activities while maintaining existing service levels.

ENCLOSED DOCUMENTS:

Attachment 1: Natural Resource Management Plan - FY 2019 Accomplishments FY 2020 Implementation Plan

STAFF:

Kirk Kincannon, Executive Director
Sara Baldwin, Deputy Director/COO
Aimee Vosper, Deputy Director/CBO
Barbara Nugent, Director, Resource Management Division
David Bowden, Director, Planning and Development Division
Todd Brown, Director, Park Operations Division
Cindy Walsh, Director, Park Services Division
John Stokely, Manager, Natural Resource Management Branch

**Natural Resource Management Plan
FY 2019 Accomplishments
FY 2020 Implementation Plan**

FY 2019 Accomplishments

- The Park Authority completed its fifth full year of its newly adopted agencywide Natural Resource Management Plan (NRMP), adopted January 29, 2014.
- Completed activities in all four of management themes that include: Inventory and Planning, Protecting Natural Capital, Managing Wild Populations and Restoring Ecosystems, and Fostering Stewardship and Expanding Natural Capital.
- Accomplished work on 23 of the 26 NRMP recommended actions.

NRMP Program

FY 2019 Accomplishments

- Continued to populate the geodatabase model.
- Finalize a new invasive vegetation management contract.
- Started ecological restoration projects at five parks; continued to implement ecological restoration projects at four parks; and completed restoration projects at three parks.
- Started development of an agencywide list of potential mitigation sites.
- Conduct a 5-year review and update of the agencywide Natural Resource Management Plan.
- Completed the Natural Resources Management Plan update for Huntley Meadows Park.
- Started the development of the West Area Natural Resources Management Plan.

FY 2020 Plans

- Start implementation of Natural Area Preserve at Huntley Meadows Park.
- Start a long-term bird banding study at Huntley Meadows Park.
- Continue to populate the geodatabase model.
- Continue to implement the ecological restoration projects at approved parks.
- Continue development of the West Area Natural Resource Management Plan.
- Finalize an agencywide list of potential mitigation sites.

Inventory and Planning

FY 2019 Accomplishments

- Surveyed approximately 3,302 acres using the Non-native Invasive Assessment Prioritization (NNIAP) protocol. All suitable acreage has been surveyed to produce a complete inventory and started resurvey effort of park lands.*
- Assessed 14 parks for deer browse impacts and 22 parks for deer density to inform white-tailed deer management efforts.
- Prepared 322 non-native invasive vegetation treatment plans at 97 parks.
- Classified and mapped 3,725 acres of natural vegetation communities at nine parks.*
- Designated 9 Resource Protection Zones (RPZ), or equivalent, at Lake Fairfax Park and Franconia Park.
- Continued systematic surveying for selected rare, threatened, and endangered species.
- Completed update of the Huntley Meadows Natural Resources Management Plan.
- Developed and tested field confirmation protocol for probable vernal pool GIS data layer.
- Conducted a 5-year review and update of the agencywide Natural Resource Management Plan.
- Began West Area Natural Resources Management Plan.

FY 2020 Plans

- Continue resurvey of park lands using the new NNIAP protocol method to monitor trends and inform agency decision making dataset of non-native invasive vegetation species. Park lands will be resurveyed approximately every five years to ensure that treatments are effective, and goals and objectives are achieved.
- Continue to assess parks for white-tailed deer browse impacts. Parks will be revisited every five years to ensure that treatments are effective, and goals and objectives are achieved. Population density surveys will continue to be implemented to inform adaptive management, as needed.
- Continue to inventory, classify, and map natural vegetation communities.
- Continue to build capacity for rare, threatened, and endangered species survey and monitoring.
- Start long-term bird banding study at Huntley Meadows Park.

Protecting Natural Capital

FY 2019 Accomplishments

- Reviewed 196 development plans to avoid adverse impacts to natural resources.*
- Served on 45 park project teams to ensure that the agencywide NRMP is being implemented on Park Authority projects.*
- Provided technical assistance for three encroachments on park lands.*

* Denotes an estimated number due to report submitted prior to end of reporting period.

- Provided technical assistance for 60 easement actions on park lands.*
- Provided technical assistance for 25 Department of Public Works and Environmental Services (DPWES) projects on park lands.*
- Conducted site assessments for eight potential land acquisitions.*
- Reviewed 40 permit requests for restricted activities in natural areas.*

FY 2020 Plans

- Continue to review development plans for adverse impacts to park lands, as needed.
- Continue to serve on park project teams for FY 2020.
- Continue to provide technical assistance for encroachments, easement actions, trail projects, and DPWES projects on an as needed basis.
- Continue to provide land acquisition site assessments on an as needed basis.
- Continue to review permits for restricted natural area activities on an as needed basis.
- Finalize an agencywide list and GIS data layer for potential mitigation sites.

Managing Wild Populations and Restoring Ecosystems

FY 2019 Accomplishments

- Treated 782 acres for non-native invasive vegetation.*
- Completed 118 invasive species treatment plans at 47 parks.*
- Removed 781 white-tailed deer from 94 parks.
- Treated 106 Canada goose nests at parks and golf courses using best management practices.
- Implemented 82 acres of prescribed fire at three parks.
- Started implementation of five ecosystem restorations under the Helping Our Land Heal (HOLH) program: OCPP living shoreline concept study, Riverbend Park meadow restoration, Elklick Preserve grassland restoration, Laurel Hill Park forest restoration, and Ellanor C. Lawrence Park (ECLP) forest mitigation.
- Continued implementation of four ecosystem restorations under the HOLH program: OCPP natural resource management plan implementation, Huntley Meadows Park depression swamp concept study, Fitzhugh Park natural resource management plan implementation, and Elklick Preserve forest restoration.
- Completed three ecosystem restoration projects under the HOLH program: Poplar Ford Park grassland restoration, John C. and Margaret K. White Horticultural Park restoration, and OCPP depression swamp restoration design and permitting.

FY 2020 Plans

- Continue to treat non-native invasive vegetation.
- Continue to remove white-tailed deer from parks by partnering with the FCPD.
- Continue to treat Canada goose nests to maintain acceptable populations.
- Continue to implement prescribed fire at existing sites on a routine basis and add additional, test sites, as appropriate.
- Continue to implement HOLH Program projects at the following parks: OCPP, Fitzhugh Park, Ellick Preserve, Huntley Meadows, Riverbend, Laurel Hill, and ECLP.

Fostering Stewardship and Expanding Natural Capital

FY 2019 Accomplishments

- Addressed an estimated 602 citizen inquiries regarding natural resources on park lands.*
- 2,000 volunteers donated 6,539 hours removing non-native invasive vegetation at 61 sites. The total volunteer hours since the Invasive Management (IMA) program inception is 71,655.*
 - The donated volunteer time equates to an estimated \$166,287 in FY 2019 and \$1,738,187 since program inception.*
- 578 FCPD volunteers donated 42,732 hours removing white-tailed deer at 94 parks. The total volunteer hours since the FCPD archery program inception is estimated at 242,594
 - The donated FCPD volunteer time equates to an estimated \$1,086,675 in FY 2019 and \$5,906,515 since program inception.
- Fostered partnerships with state, regional, private, non-profit, and county organizations to include:
 - Fairfax County Environmental Quality Advisory Council;
 - Virginia Departments of Forestry, Game and Inland Fisheries, and Conservation and Recreation;
 - Northern Virginia Soil and Water Conservation District;
 - Earth Sangha;
 - Fairfax Releaf;
 - Fairfax County Police Department;
 - Fairfax County Departments of Public Works and Environmental Services, Health, Planning and Zoning, and Fire and Rescue;
 - Fairfax County Park Foundation;
 - Friends Groups;
 - Northern Virginia Audubon Society;
 - Fort Belvoir and Fort AP Hill;
 - Quantico Marine Corps Base;
 - Occoquan Bay National Wildlife Refuge;
 - National Capital Region Partnership for Invasive Species Management
- Updated and improved outreach materials for the ecological restoration program titled Helping Our Land Heal.

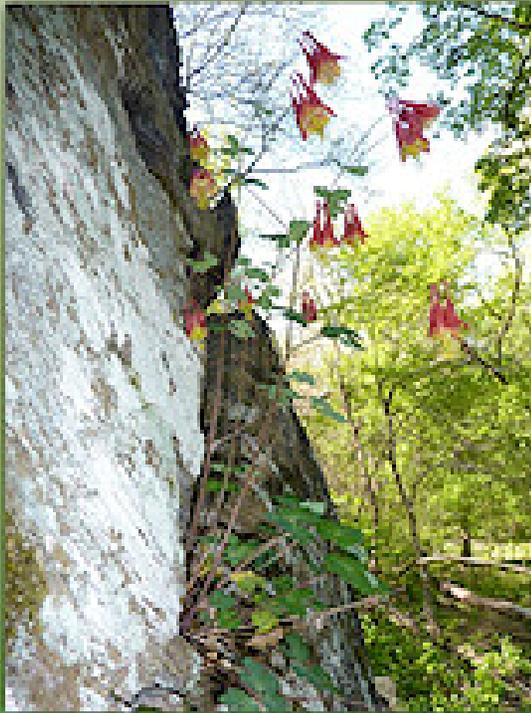
* Denotes an estimated number due to report submitted prior to end of reporting period.

- Served on the Stakeholder Advisory Committee for the development of the Virginia Department of Game and Inland Fisheries Wildlife Viewing Plan.
- Participated in a collaborative workshop with the Virginia Department of Conservation and Recreation's Natural Heritage Program. Finalized a Memorandum of Understanding between the two agencies.

FY 2020 Plans

- Continue addressing citizen inquiries on an as needed basis.
- Continue the IMA program operations at, at least, 60 sites and encouraging volunteer-based stewardship.
- Continue partnering the FCPD to remove white-tailed deer on suitable park lands.
- Continue to foster partnerships with state, regional, private, non-profit, and county organizations.
- Continue to assess small-scale, citizen science projects for potential agencywide expansion.
- Pursue Memorandums of Understanding with Fairfax County Health Department and Urban Forest Management Division.

Fairfax County Park Authority
Natural Resource Management Plan



Adopted January 29, 2014
<http://www.fairfaxcounty.gov/parks>



**Natural Resource
Management Plan –
FY 2019
Accomplishments and
FY 2020 Implementation
Plan**

Resource Management
Committee
June 26, 2019

FY2019 Activities
Accomplished

Continued to populate geodatabase model

Continued to implement ecological restoration projects

Completed Natural Resources Management Plan for Huntley Meadows and started West Area

Finalized invasive vegetation management contract renewal

Started development of agency-wide list of potential mitigation sites

Conducted 5-year NRMP review

Inventory and Planning

3,302 acres surveyed for
invasive species

14 parks assessed for deer
browse impacts and
estimate deer densities at 22
parks

322 invasive treatment plans
prepared and 118 completed



“Knowing what we have”

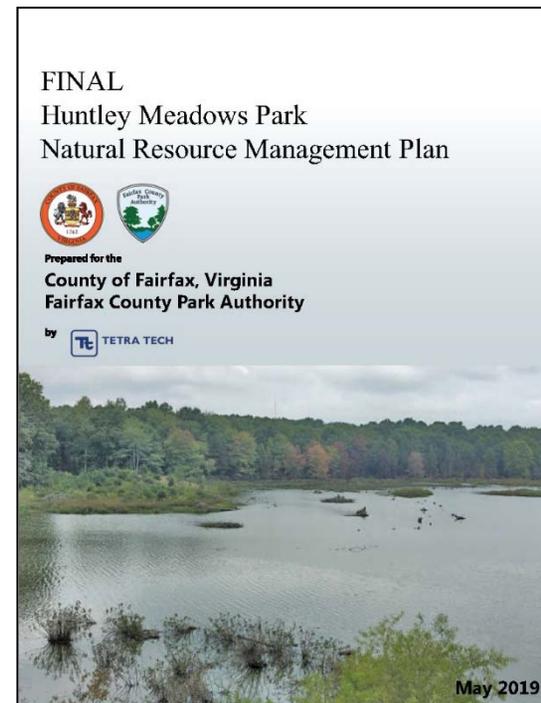
Inventory and Planning

1,777 acres of natural vegetation communities classified and mapped

9 Resource Protection Zones designated

Continued surveying for selected rare, threatened, and endangered species

Huntley Meadows and West Area NRMPs



“Knowing what we have”



Protecting Natural Capital

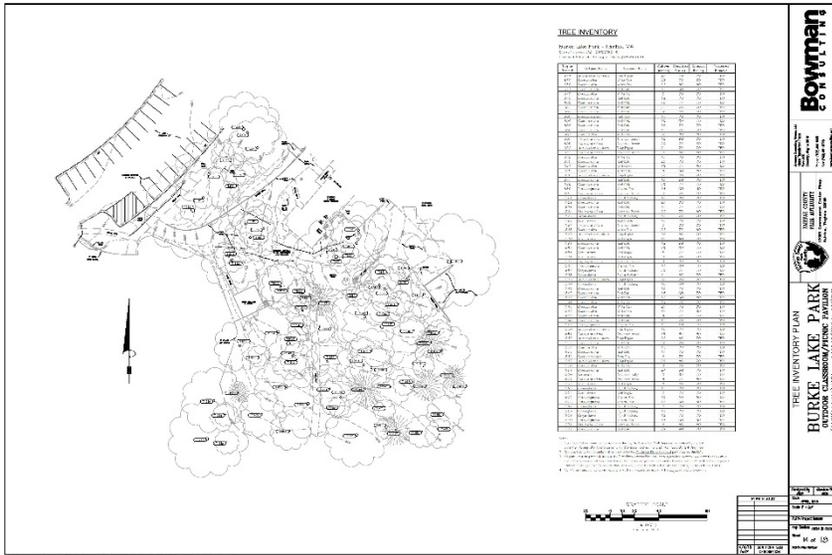
196 development plans reviewed

45 park project teams served

3 encroachments where technical assistance was provided

60 easement actions where technical assistance was provided

“Do no harm”



Protecting Natural Capital

25 DPWES projects where technical assistance was provided

8 land acquisition reviews conducted

40 permit requests reviewed for restricted natural area activities

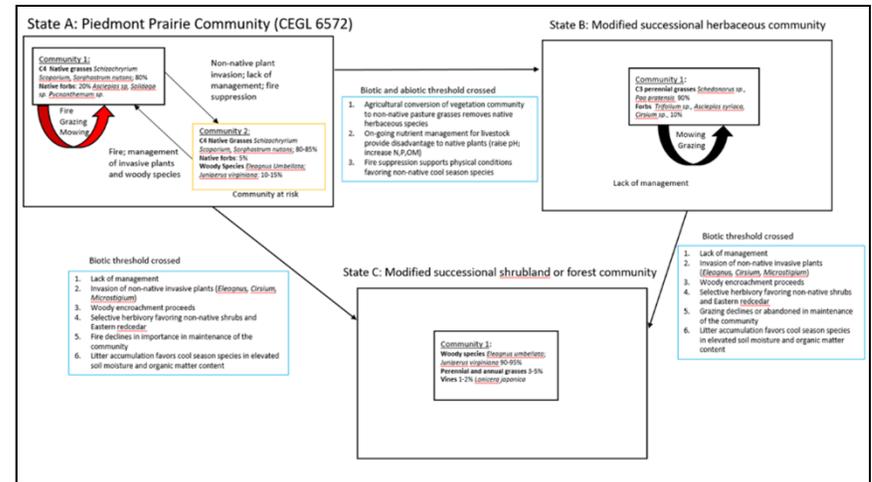
“Do no harm”

Managing Wild Populations and Restoring Ecosystems

782 acres treated for invasive, non-native vegetation

781 white-tailed deer harvested from 94 parks

106 Canada goose nests oiled at lake front parks, golf courses, and other parks



“Helping our land heal”

Managing Wild Populations and Restoring Ecosystems

82 acres of prescribed fire
implemented

9 ecosystem restoration
projects in progress:
Old Colchester Park
Riverbend Park
Fitzhugh Park
Elklick Preserve
Laurel Hill Park
Ellanor C. Lawrence Park
Huntley Meadows Park



“Helping our land heal”



Fostering Stewardship and Expanding Natural Capital

6,539 volunteer hours
removing non-native,
invasive vegetation



42,732 FCPD volunteer
hours harvesting white-tailed
deer

602 (estimated) customer
inquiries addressed

“Spreading the word”



Fostering Stewardship and Expanding Natural Capital

20 partnerships fostered with federal, state, regional, private, non-profit, and county organizations

Stakeholder Advisory Committee for state's Wildlife Viewing Plan

DCR-NH Memorandum of Understanding



“Spreading the word”

FY2020 Planned Activities

Continue to populate geodatabase model

Continue to implement ecological restoration projects

Continue Natural Resources Management Plan for West Area

Complete agency-wide list of potential mitigation sites

Start implementation of Huntley Meadows Natural Area Preserve

Start long-term bird banding study at Huntley Meadows

FY2020 Planned Funding Strategy

General Fund

Bond Fund

Vulcan Fund

Environmental Improvement
Program

Telecom Fund

Partnerships and Shared
Resources

Acknowledgements



- Park Authority Board
- Environmental Quality Advisory Council
- Fairfax County Police Department
- Virginia Departments of Forestry, Game and Inland Fisheries, and Conservation and Recreation
- Northern Virginia Soil and Water Conservation District
- Earth Sangha
- Fairfax Releaf
- Fairfax County Departments of Public Works and Environmental Services, Health, Planning and Zoning, and Fire and Rescue
- Fairfax County Park Foundation
- Friends Groups
- Volunteers and Citizen Stewards
- Northern Virginia Audubon Society
- Fairfax County Tree Commission
- Forts Belvoir and AP Hill
- Quantico Marine Corps Base
- Patrick Whitehouse