



FAIRFAX COUNTY PARK AUTHORITY



M E M O R A N D U M

TO: Chairman and Members
Park Authority Board

VIA: Sara Baldwin, Acting Executive Director

FROM: Todd Brown, Acting Director
Resource Management Division

DATE: October 19, 2017

Agenda

Resource Management Committee
Wednesday, October 25, 2017 – 6:30 p.m.
Boardroom – Herrity Building
Chairman: Maggie Godbold
Vice Chair: Linwood Gorham
Members: Mary Cortina, Timothy Hackman

1. Cultural Resource Management Plan FY 2017 Accomplishments and FY 2018 Implementation Plan – Information* (with presentation)
2. Natural Resource Management Plan – FY 2017 Accomplishments and FY 2018 Implementation Plan – Information* (with presentation)

*Enclosures



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

Board Agenda Item
November 15, 2017

INFORMATION (with presentation)

Cultural Resource Management Plan FY 2017 Accomplishments and FY 2018 Implementation Plan

On April 26, 2006, the Park Authority Board approved the first agencywide Cultural Resource Management Plan (CRM Plan). An update of this plan was approved on April 11, 2012. The CRM Plan allows us to manage and protect properties, which 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 eleven years (FY 2007 – FY 2017) of the plan and is presenting the proposed plan for the twelfth and final year implementation (FY 2018). The CRM Plan is currently under revision and will follow a similar format to the Natural Resource Management Plan. These projects are in line with the agency's Strategic Plan's objectives of "Managing and Protecting Facilities and Properties" and the strategic initiatives to "Foster and Promote Natural and Cultural Stewardship" and "Manage and Protect Natural and Cultural Resources."

The presentation will highlight the Cultural Resource accomplishments for FY 2017 and will present proposed plans for FY 2018. In FY 2017, work was accomplished on 86 of 239 strategies of the Cultural Resources Management Plan. Thirty of the strategies in the 2012 plan are now considered complete or will only require updating when new information is available. The areas of emphasis for FY 2018 includes 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 other cultural resource projects.

ENCLOSED DOCUMENTS:

Attachment 1: Cultural Resource Management Plan FY2017 Accomplishments and FY2018 Implementation Plan

STAFF:

Sara Baldwin, Acting Executive Director
Cindy Walsh, Acting Deputy Director/COO
Aimee L. Vosper, Deputy Director/CBD
David Bowden, Director, Planning and Development Division
Todd Brown, Director, Park Operations Division

Board Agenda Item
November 15, 2017

Barbara Nugent, Director, Park Services Division
Todd Brown, Acting Director, Resource Management Division
Liz Crowell, Branch Manager, Archaeology and Collections Branch
David Buchta, Branch Manager, Heritage Conservation Branch

**Cultural Resource Management Plan
FY 2017 Accomplishments
FY 2018 Implementation Plan**

FY2017 Implementation Plan

- Staff worked on 86 of the 239 strategies in FY 2017.
- Staff have streamlined the CRMP for FY 2018, the document is currently in the public comment phase of the implementation process.

FY 2017 Accomplishments

Cultural Resource Planning

- Conducted more than 300 plan reviews, as part of easement assessments, development plan review, storm water and other assessments for development countywide and reviewed resulting reports.
- Served on more than 30 project teams including those for master planning efforts and Capital Improvement Projects.
- Continued to work with volunteers, Friends of Fairfax County Archaeology and Cultural Resources (FOFA), site friends' groups, archaeological and historical societies, the Fairfax County History Commission, Fairfax County Architectural Review Board, and the public to support cultural resource projects.
- Worked with Planning and Development and the Resource Management Division on the Needs Assessment.
- Revision to Cultural Resource Management Plan is 85% complete.

Archaeology

- Conducted archaeological projects at Patriot Park North- Lincoln Lewis Vannoy (LLV), Lahey Lost Valley, Stempson House (Laurel Hill), Sully Woodlands, and provided technical oversight for archaeology at Langley Forks Park and other parks. Participated in more than 30 archaeological projects.
- Supported Natural Resource Management and Protection in their ecological restoration at Margaret White Horticultural Park as well as Poplar Ford Park.
- Supported ADA trail projects at Colvin Run Mill and Ellanor C. Lawrence Park.
- Worked with the Department of Planning and Zoning to provide technical guidance on countywide archaeological projects.
- Served on teams for archaeological oversight for Route 1, Route 7, and Route 66, among others.
- Continued to support an internship program with universities to provide students with experience in archaeology.
- Conducted archaeology in support of the Resident Curator Program, ADA, DPWES projects and other initiatives.

Civil War Sites

- Participated in Civil War Trails Task Force to recommend sites for inclusion in

Civil War Trails program as funding allowed.

- Continued dialogue about monuments at Ox Hill Battlefield Park.

Archaeological Artifacts and Collections

- Cleaned, cataloged, and prepared for curation archaeological artifacts from Sully Woodlands, Patriot Park (LLV), Lahey Lost Valley and other sites into the Archaeological Material Analysis System (AMAS) database.
- Continued to update and create accession files for all archaeological projects whose materials are curated with Archeology and Collections Branch.
- Transferred more than 150,000 records into the AMAS database using temporary staff and intern support.
- Continued to update older archaeological collections to federal and state standards with the assistance of limited term staff, interns, and volunteers.
- Secured telecommunications funding and donations from FOFA and the History Commission to be used to continue work on requirements for AAM reaccreditation.
- LTE staff continue to work on comprehensive reconciliation of museum collections.
- Secured funding to explore future collections facility and worked as part of the implementation team.

Museum Collections

- Moved over 300 museum collection pieces from the satellite location at Ash Grove to Frey House.
- Installed exhibit of Weights and Measures, on loan from Alexandria, in the Government Center as part of the 275th Anniversary of Fairfax County.
- Initiated Accession Reconciliation project.
- Provided monthly content for ArtiFACT blog.
- Initiate rehousing of paper objects at Walney.
- Continued to improve artifact storage and climate conditions at Walney, Frey House and James Lee Center.
- Worked as part of the team to explore future Collections facility.

Heritage Conservation Branch

- Completed Treatment Plan for Turner Farm House.
- Completed Historic Structures Report (HSR) for Sully Historic Site's House.
- Initiated project for the rehabilitation of the Tenant House at Historic Huntley and the conservation of the Mill Race and Millers' House at Colvin Run Mill.
- Oversaw development and implementation of Resident Curator Program and first leases. Received several applicants and on-track towards goals for end FY19 of 10 properties under lease.
- Worked with Park Operations Division on multiple projects at several historic sites including NIKE Laurel Hill, Frying Pan Schoolhouse, Sully Historic Site, Hunter House, Clark House, Wakefield Chapel, Mt Gilead and others totaling approximately \$500,000.

- Hired new Heritage Conservation Technician as effort to expand the work of the branch.
- Served as co-project manager with Planning and Development Division on multiple conservation projects at Colvin Run Mill and Historic Huntley Tenant House.
- Final stages of completion on six funded Historic Structure/Treatment Reports (Sully, Lahey Lost Valley, Ash Grove, LLV site, Margaret White Gardens and Hannah P. Clark).
- Tririga- Worked with Park Operations Division to integrate historic site priorities into work request system.
- Completed inspections and evaluations of nearly 50 FCPA historic sites.

Fairfax County Historic Overlay Districts (HOD)

- Evaluated five applications under the Zoning Ordinance Amendment for Archaeology in Historic Overlay Districts.
- Reviewed more than 30 Architectural Review Board (ARB) applications and attended meetings, as appropriate.
- Represented the Park Authority for Heritage Conservation and Archaeology projects.
- Began working with DPZ on potential additional HODs.

Listings in Historic Registers

- Reviewed two Fairfax County Inventory of Historic Sites nominations.
- Inventory nominations submitted for the Hannah P. Clark/Enyedi house and prepared Margaret White House.
- Reviewed two National Register nominations and one Preliminary Information Form.

Cemeteries

- Provided support and technical assistance to Fairfax County Cemetery Preservation Association for more than ten cemetery clean-up and documentation projects.
- Conducted regulatory review and provided technical assistance for projects with cemeteries that might be potentially impacted by development.
- Delineated cemeteries at Patriot Park North- Lincoln Lewis Vannoy (LLV) and Lahey Lost Valley.
- Provided technical reports to Virginia Department for Historic Resources for cemeteries at Old Colchester as well as LLV.

Cultural Landscapes

- Initiated Cultural Landscape Report for Margaret White Gardens.

The Human Impact on Cultural Resources

- Provided input regarding encroachments that include impact to Cultural Resources.
- Continued to provide outreach to community members, volunteers, and educational institutions about the impact of humans on cultural resources.

Stewardship and Education

- Participated in the Council of Virginia Archaeologists (COVA) meeting and in the Archeological Society of Virginia meetings in October 2016. Staff presented papers, and participated in committees.
- Co-sponsored and participated in Fairfax County History Conference in November 2016.
- Served on the Steering Committee for Historically Fairfax 275th anniversary of Fairfax County. Staff from both branches, presented and prepared exhibits and organized symposia and organized and participated in the Historically Fairfax event.
- Co-sponsored and participated in the Annual Archaeology Symposium with Friends of Fairfax County Archaeology and Cultural Resources (FOFA).
- Presented papers at the Middle Atlantic Archaeology Conference in March 2017; judged student papers, served on committees and archeology branch manager received lifetime achievement archeology award.
- Co-sponsored archaeology symposium with FOFA and Gunston Hall that was held at Gunston Hall in the spring of 2017.

FY 2018 Implementation Plan

Inventory and Planning

- Finalize Revised Cultural Resource Management Plan. Held two public meetings to generate public input. Comments will be incorporated into draft document and bring it to the Park Authority Board for final approval in December 2017.
- Continue to process and update archaeological and museum collections.
- Continue to update the archaeology GIS data layer.
- Continue to participate in park Master Planning process.

Management and Protection

- Participate in planning, design and construction for combined archaeological and museum collections facility.
- Inventory archaeological artifact collection, report library, and update all associated database information.
- Continue to implement the Old Colchester Park and Preserve Cultural Management Plan.
- Continue to develop Resident Curator Program and other Heritage Conservation strategies.
- Continue to participate in development plan review for county-wide development

projects.

- Continue to monitor projects in Tririga for potential impacts to cultural resources and Total Cost of Ownership (TCO).
- Continue to provide site assessments for land acquisition.
- Continue to provide technical assistance for encroachments, easements, trail projects, utility projects, and DPWES projects on an as-needed basis.
- Continue to participate in Park Master Planning.
- Continue to utilize bond funding appropriated for historic structure reports and infrastructure needs for historic sites.
- Strategic planning to maximize museum collections workplan, including deaccessions, rehousing and evaluating collections.

Stewardship Education

- Continue to partner with groups such as Friends of Fairfax County Archaeology and Cultural Resources, Gunston Hall, and George Mason University.
- Continue to address citizen inquiries regarding cultural resources on parkland and county-wide.
- Continue successful volunteer program, providing laboratory and field opportunities for volunteers, which includes intensive training in archaeological methods.
- Continue participation in county-wide history efforts such as 275th
- Continue to promote Resident Curator Program and Historic Site Volunteer Corp. at public events.

Cultural Resource Management Plan

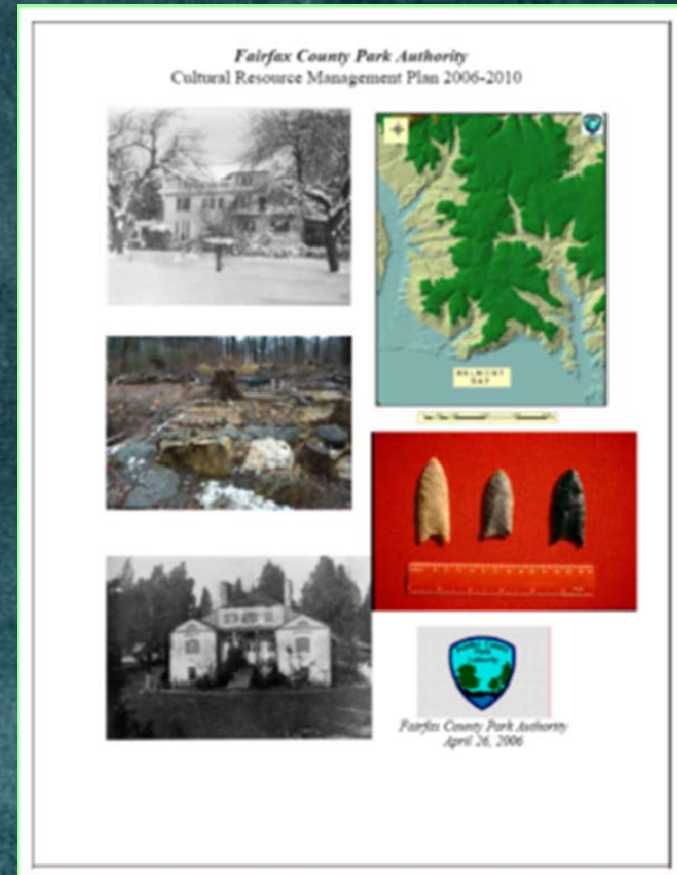
FY 2017
Accomplishments and
FY 2018
Implementation Plan

Resource Management
Committee Meeting
October 25, 2017



Cultural Resource Management Plan Update

- Adopted in 2006 and updated in 2012
- Under revision, will go to the Park Authority Board for approval in FY2018
- Provides guidance for cultural resources on parkland and countywide
- More concise and consistent with the Park Authority Master Plan and Natural Resource Management Plan



Cultural Resource Management Plan Update



- Completed first 11 years of the plan (FY2007 – FY2017)
- Presenting proposed plan for 12th year of implementation (FY2018)
- Staff worked on 86 initiatives (30 are considered complete)
- Worked on projects on parkland and county-wide.



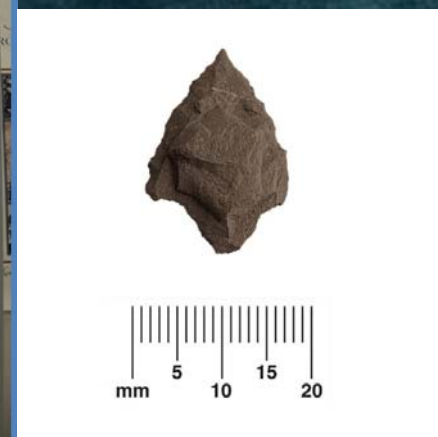
Cultural Resource Management and Protection: Accomplishments

- Conducted 300+ plan, easement, storm water, and other reviews.
- Served on 30+ teams for Master Planning efforts and Capital Improvement Projects.
- Conducted archaeological studies in support of the Resident Curator Program, ADA, and others



Cultural Resource Management and Protection: Accomplishments

- Catalogued 40,000+ archaeological artifacts
- Transferred 150,000+ artifacts into the database
- Upgraded FCPA archaeological and museum collections in anticipation of AAM reaccreditation



Cultural Resource Management and Protection: Accomplishments

- Moved 300+ museum collection pieces from Ash Grove to Frey House
- Installed Weights and Measures Exhibit at Government Center
- Continued Comprehensive Accession Reconciliation Project
- Participated in AAM site visit



Cultural Resource Management and Protection: Accomplishments


- Completed Program Development for Resident Curator program
- Completed 1 Treatment Plan
- Completed 5 Historic Structure Reports
- Participated in Colvin Run Mill Millers' House and Huntley Tenant House projects
- Hired New Heritage Conservation Technician



Cultural Resource Management and Protection: Accomplishments

- Conducted archaeological summer camps
- Co-sponsored symposia with FOFA and Gunston Hall
- Participated in national, regional and local archaeological conferences
- Worked with school groups, scouts and senior citizens in public outreach efforts
- Served on the Steering Committee for 275th Anniversary of Fairfax County


County Archaeological Research Team
The C.A.R.T.
Bi-Weekly Update



C.A.R.T.

Field and Lab Update 22 Sept 2017


The hurricane weather has held off so CART can continue excavation. We have had some exciting finds recently.



Molded rim fragment of a white salt glazed plate or platter with a moth, vine and flower motif.

The white salt glazed stoneware rim fragment pictured above was found about a meter deep in the large cellar feature. The moth, flower and vine decoration is found less frequently on archaeological sites than other patterns such as the dot and diaper. It is the only moth, flower and vine pattern that CART has recovered. Maybe we will find more.

Last week, the field crew also recovered the flintlock gun hammer/cock pictured above and to the right. The gun cock is part of the flintlock gun mechanism. It held the gun flint and would pull back for loading or in preparation for firing.



Flintlock gun hammer/cock. Still covered in dirt from the field. Stay tuned to see what it looks like clean.

Upcoming

Join us!

Lab: Wed. to Fri. & some Saturdays
Field: Thurs. to Saturday
We are closed Sundays and holidays.

New Volunteer Orientations

Introduction to Volunteering in archaeology for Fairfax County. Learn about archaeology and our lab and field methods.

Next orientation: Thursday, October 19

Contact Us

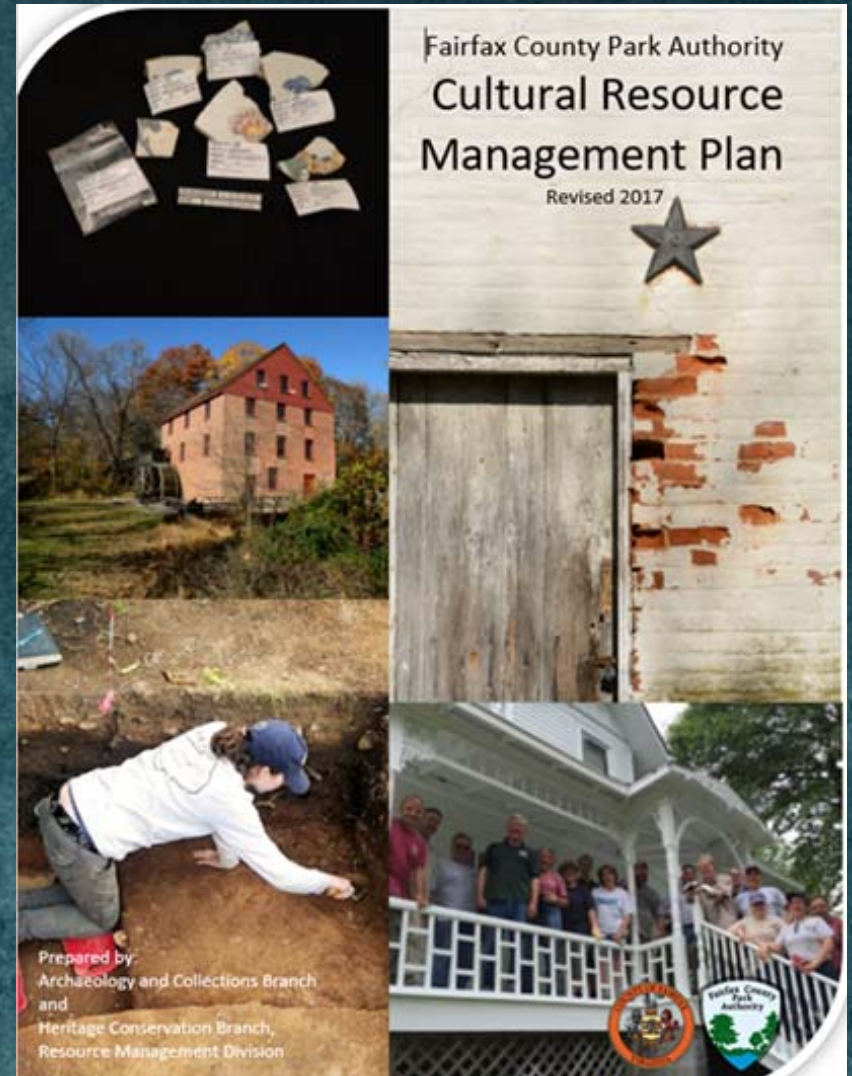
Both lab & field are accepting volunteers.
Email us: lab- cartarchlab@live.com; field- cart.volunteers@live.com
Follow us at: <https://cartarchaeology.wordpress.com/>
Sign up for the Orientation Online: email the lab for information

FY 2018 Plans

Inventory and Planning:

Understanding what we have

- Finalize Revised Cultural Resource Management Plan with PAB, staff and citizen input
- Continue to process and update archaeological and museum collections
- Continue to update GIS
- Continue to participate in the Master Plan Process



FY 2018 Plans

Inventory and Planning:

Understanding what we have

- Collections Committee
- FY18 Deaccessioning
- 280 Objects
- Frey House Collections
- Mission of Museum Collections
- Collections Facility Design



FY 2018 Plans:

Management and Protection

Cultural Resources are non-renewable

- Participate in planning for combined archaeology and museum collections facility
- Inventory archaeological artifact collections and report library and database
- Continue to implement Old Colchester Master Plan



FY 2018 Plans:

Stewardship Education

History matters

- Continue to partner with groups such as FOFA, Gunston Hall and George Mason University
- Continue to address citizen inquiries on cultural resources
- Continue successful volunteer program
- Continue to participate in county-wide events



Cultural Resource Management and Protection: Acknowledgements

- Park Authority Board
- Department of Planning and Zoning
- Department of Public Works/Environmental Services
- Fairfax County Park Foundation
- 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)
- Northern Virginia Chapter, ASV
- National Park Service
- Visit Fairfax
- Bureau of Land Management
- Fort Belvoir
- Gunston Hall
- Mount Vernon
- Friends Groups
- Local historical societies
- Volunteers



Board Agenda Item
November 15, 2017

INFORMATION (with presentation)

Natural Resource Management Plan – FY 2017 Accomplishments and FY 2018 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 third full year of the new NRMP.

This presentation will highlight the NRMP, the FY 2018 implementation plan and FY 2017 accomplishments. In FY 2017 work was accomplished on all four management themes, and 20 of the 26 recommended actions. Areas of emphasis for FY 2017 include completing planned activities while maintaining existing service levels.

ENCLOSED DOCUMENTS:

Attachment 1: Natural Resource Management Plan - FY 2017 Accomplishments FY 2018 Implementation Plan

STAFF:

Sara Baldwin, Acting Executive Director

Aimee Vosper, Deputy Director/CBO

Cindy Walsh, Acting Deputy Director/COO

David Bowden, Director, Planning and Development Division

Todd Brown, Director, Park Operations Division; Acting Director, Resource Management Division

Barbara Nugent, Director, Park Services Division

John Stokely, Manager, Natural Resource Management Branch

**Natural Resource Management Plan
FY 2017 Accomplishments
FY 2018 Implementation Plan**

FY 2017 Implementation Plan

- The Park Authority completed its third full year of its newly adopted agency-wide 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 20 of the 26 NRMP recommended actions.

NRMP Program

FY 2017 Accomplishments

- Developed best practices for terrestrial ecological restorations.
- Continued to populate the geodatabase and improve data collection methodologies at parks including South Run District, Lake Fairfax, Riverbend, Ellanor C. Lawrence, Lake Accotink, Lincoln Lewis Vannoy and Fairfax Villa.
- Developed branch Standard Operating Procedures (SOPs) for routine Inventory and Planning Program, and Managing Wild Populations and Restoring Ecosystems Program activities.
- Continued to implement the NRMP for Old Colchester Park and Preserve (OCP), Helping Our Land Heal (HOLH) project at Poplar Ford Park, and started an ecological restoration project/HOLH project at John C. and Margaret K. White Horticultural Park.
- Built capacity for rare, threatened, and endangered species survey and monitoring.

FY 2018 Plans

- Continue to populate the geodatabase model at Huntley Meadows, Fitzhugh, Frying Pan Farm, Laurel Hill, Poplar Ford, Scotts Run Nature Preserve and others.
- Develop a probable vernal pool GIS data layer.
- Continue to implement the natural capital/ecological restoration projects at approved parks.
- Secure or renew contracts for invasive vegetation management, and ecological planning, design, and implementation services.
- Develop an agency-wide list of potential mitigation sites.
- Update Natural Resources Management Plan for Huntley Meadows Park.
- Draft an Implementation Plan for agency-wide NRMP.

Inventory and Planning

FY 2017 Accomplishments

- Surveyed approximately 2,255 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 17 parks for deer browse impacts and 24 parks for deer density to inform white-tailed deer management efforts.
- Prepared 307 non-native invasive vegetation treatment plans at 48 parks.
- Classified and mapped 1,551 acres of natural vegetation communities.
- Designated three Resource Protection Zones (RPZ), or equivalent, at Franconia and Green Spring Gardens Parks.
- Developed capacity and started systematic surveying for selected rare, threatened, and endangered species.

FY 2018 Plans

- Continue first 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 to six years to ensure that treatments are effective, and goals and objectives are achieved. Density surveys will continue to be implemented to inform adaptive management, as needed.
- Continue to inventory, classify, and map natural vegetation communities.
- Continue to improve the use of web-based GIS to natural resource programs and services where deemed effective.
- Continue to build capacity for rare, threatened, and endangered species survey and monitoring.
- Develop probable vernal pool GIS data layer using remote sensing techniques.
- Update Natural Resources Management Plan for Huntley Meadows Park.

Protecting Natural Capital

FY 2017 Accomplishments

- Reviewed 169 development plans to avoid adverse impacts to natural resources.
- Served on 44 park project teams to ensure that the agency-wide NRMP is being implemented on Park Authority projects.
- Provided technical assistance for four encroachments on park lands.

- Provided technical assistance for 39 easement actions on park lands.
- Provided technical assistance for 27 Department of Public Works and Environmental Services (DPWES) projects on park lands.
- Conducted site assessments for 10 potential land acquisitions.
- Reviewed 35 permit requests for restricted activities in natural areas.

FY 2018 Plans

- Continue to review development plans for adverse impacts to park lands, as needed.
- Continue to serve on park project teams for FY18.
- 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.
- Develop an agency-wide list and GIS data layer for potential mitigation sites.

Managing Wild Populations and Restoring Ecosystems

FY 2017 Accomplishments

- Treated 1,190 acres for non-native invasive vegetation.
- Removed 913 white-tailed deer from 92 parks.
- Treated 111 Canada goose nests at parks and golf courses using best management practices.
- Implemented 67.4 acres of prescribed fire.
- Continued implementation of three ecosystem restorations under the HOLH program: OCPP natural resource management plan implementation, Poplar Ford Park HOLH Project, and Fitzhugh Park natural resource management plan implementation.
- Started implementation of two ecosystem restorations under the HOLH program: Elklick Preserve HOLH Project, and John C. and Margaret K. White Horticultural Park HOLH Project.

FY 2018 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, Poplar Ford Park, Fitzhugh Park, Elklick Preserve, and John C. and Margaret K. White Horticultural Park.

Fostering Stewardship and Expanding Natural Capital

FY 2017 Accomplishments

- Addressed an estimated 1,071 citizen inquiries regarding natural resources on park lands.
- 2,518 volunteers donated 9,020 hours removing non-native invasive vegetation at 50 sites. The total volunteer hours since the Invasive Management (IMA) program inception is 52,709.
 - The donated volunteer time equates to an estimated \$217,743 in FY 2017 and \$1,272,395 since program inception.
- 627 FCPD volunteers donated 44,881 hours removing white-tailed deer at 92 parks. The total volunteer hours since the FCPD archery program inception is estimated at 161,281.
 - The donated FCPD volunteer time equates to an estimated \$1,083,427 in FY 2017 and \$3,893,323 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;
 - REI;
 - Northern Virginia Audubon Society;
 - Fort Belvoir and Fort AP Hill;
 - Quantico Marine Corps Base;
- Trained 65 volunteers to use citizen science protocols for bird and frog pilot projects.
- Partnered in the update of Fairfax County's Environmental Vision.

FY 2018 Plans

- Continue addressing citizen inquiries on an as needed basis.
- Continue the IMA program operations at, at least, 45 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 agency-wide expansion.

Fairfax County Park Authority
Natural Resource Management Plan



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



**Natural Resource
Management Plan –
FY 2017
Accomplishments and
FY 2018 Implementation
Plan**

Resource Management
Committee
October 25, 2017

***FY2017 Activities
Accomplished***

Best practices: terrestrial ecological restorations

Continued to populate geodatabase model

Completed branch SOPs for Inventory and Planning, and Managing Wild Populations and Restoring Ecosystems activities

Continued to implement NRMP for OCPP and HOLH project at Poplar Ford; and started ecological restoration project at White Gardens

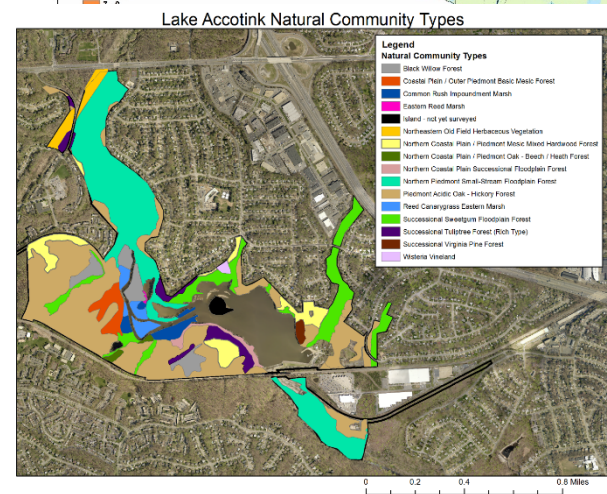
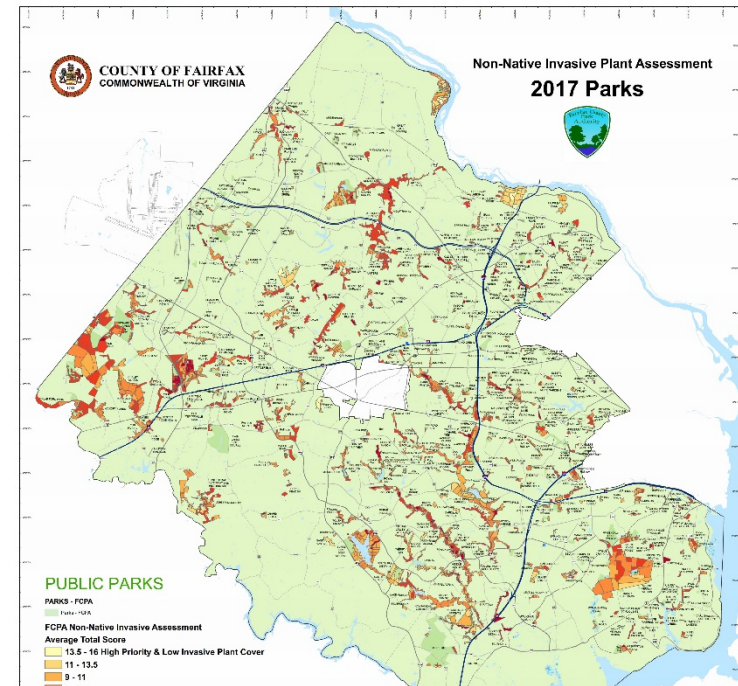
Built capacity for threatened and endangered species survey and monitoring

Inventory and Planning

2,255 acres surveyed for invasive species

17 parks assessed for deer browse impacts and estimate deer densities at 24 parks

307 invasive treatment plans prepared and 57 completed



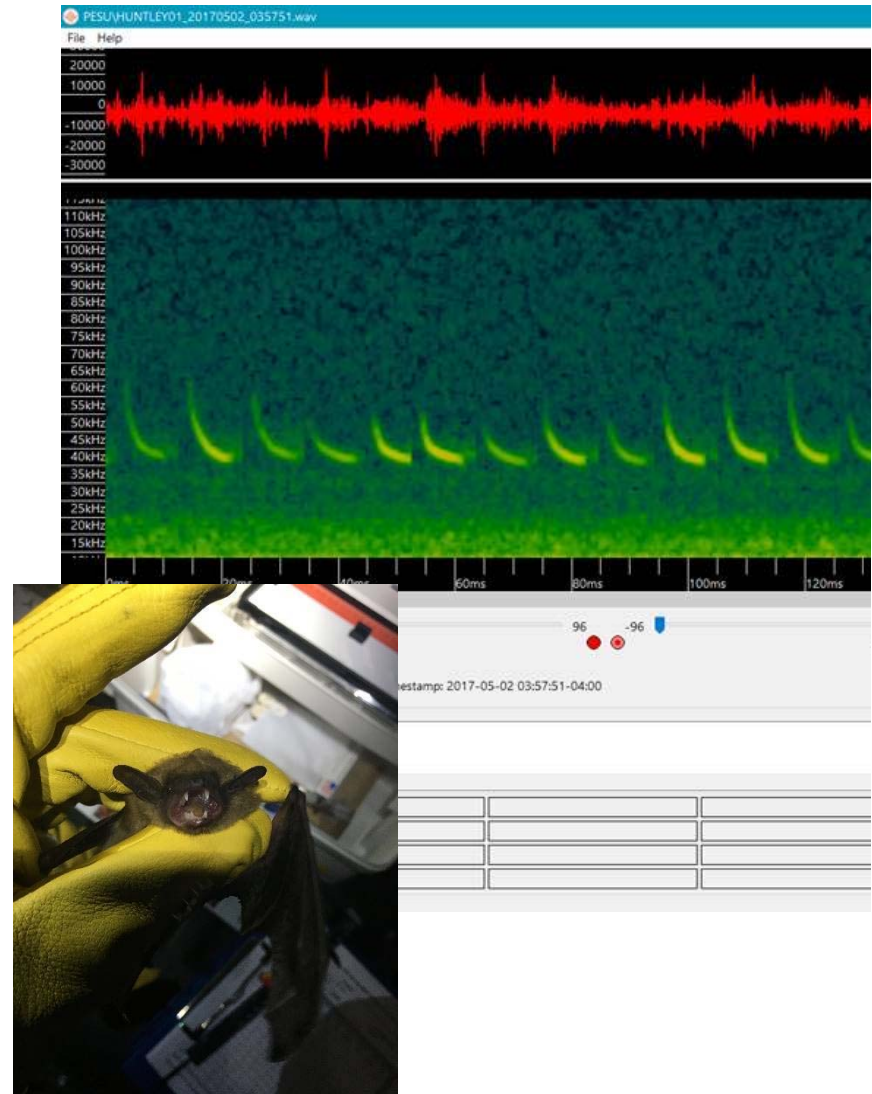
“Knowing what we have”

Inventory and Planning

1,551 acres of natural vegetation communities classified and mapped

3 Resource Protection Zones designated

Developed capacity and started systematic surveying for selected rare, threatened, and endangered species



“Knowing what we have”



Protecting Natural Capital

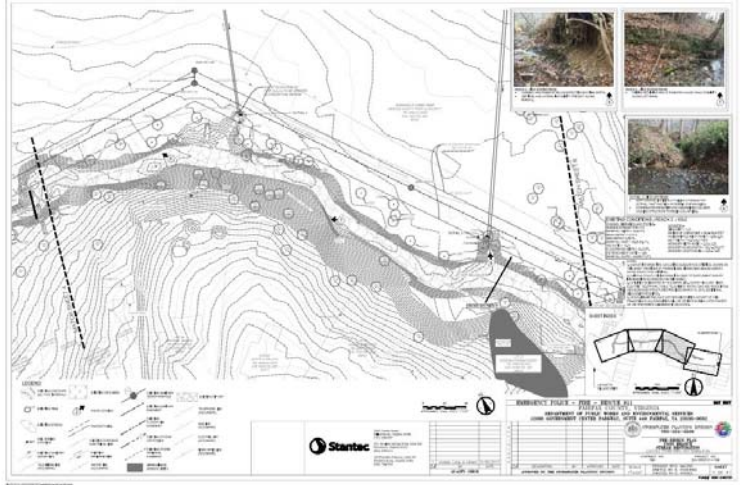
169 development plans reviewed

44 park project teams served

4 encroachments where technical assistance was provided

39 easement actions where technical assistance was provided

“Do no harm”



Protecting Natural Capital

27 DPWES projects where technical assistance was provided

10 land acquisition reviews conducted

35 permit requests reviewed for restricted natural area activities

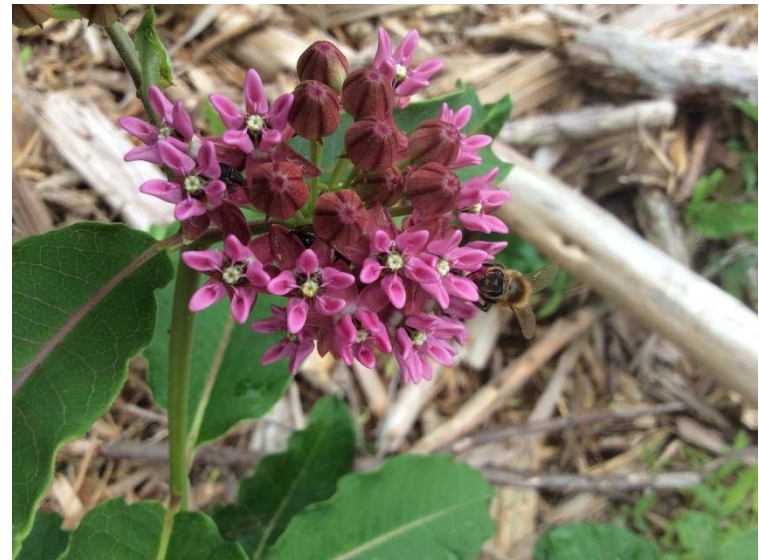
“Do no harm”

Managing Wild Populations and Restoring Ecosystems

1,190 acres treated for
invasive, non-native
vegetation

913 white-tailed deer
harvested from 92 parks

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



“Helping our land heal”

Managing Wild Populations and Restoring Ecosystems

67.4 acres of prescribed fire
implemented

5 ecosystem restoration
projects in progress:
Old Colchester Park
Poplar Ford Park
White Garden Park
Elklick Preserve
Fitzhugh Park



“Helping our land heal”



Fostering Stewardship and Expanding Natural Capital

9,020 volunteer hours removing non-native, invasive vegetation

44,881 FCPD volunteer hours harvesting white-tailed deer

65 volunteers trained for citizen science protocols

**FROG
WATCH** | USA™

eBird

“Spreading the word”



**TAKE
BACK
THE
FOREST**

“Spreading the word”

Fostering Stewardship and Expanding Natural Capital

1,071 (estimated) customer inquiries addressed

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

Fairfax County Environmental Vision updated

FY2018 Planned Activities

Continue to populate geodatabase model

Continue to implement natural capital investment/ecological restoration projects

Natural Resources Management Plan for Huntley Meadows

Secure or renew contracts for invasive vegetation management, and ecological services

Develop agency-wide list of potential mitigation sites

Develop probable vernal pool data layer

Implementation Plan for agency-wide NRMP

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
- REI
- Northern Virginia Audubon Society
- Forts Belvoir and AP Hill
- Quantico Marine Corps Base
- Leslie Gerhard and Katie Auer