



# 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:** Cindy Walsh, Director  
Resource Management Division

**DATE:** October 6, 2016

### *Agenda*

**Resource Management Committee  
Wednesday, October 26, 2016 – 5 p.m.**

**Boardroom – Herrity Building**

**Chairman: Frank S. Vajda**

**Vice Chair: Linwood Gorham**

**Members: Mary Cortina,, Maggie Godbold, Tony Vellucci**

1. American Alliance of Museums Accreditation Update – Information\* (with presentation)
2. Cultural Resource Management Plan FY 2016 Accomplishments and FY 2017 Implementation Plan – Information\* (with presentation)
3. Natural Resource Management Plan – FY 2016 Accomplishments and FY 2017 Implementation Plan – Information\* (with presentation)

\*Enclosures



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

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Board Agenda Item  
November 16, 2016

## **INFORMATION**

### American Alliance of Museums Accreditation Update (with Presentation)

The process for accreditation has been underway over the past few years with the Self-Study, the most recent requirement completed, submitted to the American Alliance of Museums (AAM) in July 2016. Staff will present the next and final steps towards completing this important process for the organization with expected accreditation granted in spring of 2017.

### ENCLOSED DOCUMENTS:

None

### STAFF:

Kirk Kincannon, Executive Director  
Sara Baldwin, Deputy Director/COO  
Aimee L. Vosper, Deputy Director/CFO  
David Bowden, Director, Planning and Development Division  
Todd Brown, Director, Park Operations Division  
Barbara Nugent, Director, Park Services Division  
Cindy Walsh, Director, Resource Management Division  
Mary Olien, Manager, Green Spring Gardens  
Carol McDonnell, Manager, Sully Historic Site

# What's Next for AAM Accreditation

Presentation for the Fairfax County Park Authority Board

October 26, 2016

# History of AAM Accreditation in RMD

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- Colvin Run Mill, Sully Historic Site, and the Historic Artifact Collection were accredited in 1979, and reaccredited in 1990 and 2002
- Green Spring Gardens was included in 2002
- Frying Pan Farm Park and the Archaeological Collections will be added in 2016

# Comparison of CAPRA and AAM

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AAM Core Standards	CAPRA	AAM
Public Trust and Accountability	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Mission and Planning	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Leadership and Organizational Structure	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Collections Stewardship		<input checked="" type="checkbox"/>
Education and Interpretation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Financial Stability	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Facilities and Risk Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

# Preparation Activities

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- Made critical changes to collections policies:
  - Policy 206 Museum and Archaeological Collections
  - Policy 207 Live Collections Management
  - Guidelines for Collections Management: Museum and Archaeological Collections
  - Guidelines for Living Collections: Plants and Animals
  - Institutional and Professional Code of Ethics for Museum Operations

# Accreditation Process

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- Submitted the Self-Study July 1, 2016
- Initial review comments received and updates made September 6, 2016
- Three member review team visit December 13, 14, and 15, 2016
- AAM Accreditation Commission review February 8, 2017
- Final accreditation notification Spring 2017

# Building on Recommendations from 2002

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- Implemented new recordkeeping databases for objects and plants
- Improved storage conditions with better housekeeping and environmental monitoring
- Improved approach to risk management with updated emergency plans
- Updated Friends' groups agreements

# The Review Team Visit

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- Sites create collections of site-specific materials for the visiting team
- Prepare LT, PAB and site staff to answer questions about policies, procedures and budgets
- Welcoming reception on December 13, 2016 at Green Spring Gardens
- Candlelight Tour on December 14, 2016 at Sully Historic Site
- Tours and meetings at the sites and with FCPA leadership and PAB

# Visit Schedule

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Day	Morning	Afternoon	Evening
Tuesday, December 13	Collections at Walney and Frye House	Archaeology at James Lee Center	Quick Tour Green Spring Gardens
Wednesday, December 14	Sully Historic Site	Frying Pan Farm Park	PAB and reception at Herrity
Thursday, December 15	Colvin Run Mill	Green Spring Gardens	

# Key Topics of Interest to the Review Team

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- Governance
- Financial structure for the agency, division and sites
- Staffing for collections care and at sites for museum public programs
- Collections storage conditions and plans for bond-funded storage facility

Questions?

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**INFORMATION** (with presentation)

Cultural Resource Management Plan FY 2016 Accomplishments and FY 2017 Implementation Plan

In April 26, 2006, the Park Authority Board approved the first agencywide Cultural Resource Management Plan (CRMP). An update of this plan was approved on April 11, 2012. The CRMP 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 ten years (FY 2007 – FY 2016) of the plan and is presenting the proposed plan for eleventh year implementation (FY 2017). Included in this project is a revision to the Cultural Resource Management Plan that follows a similar format to the Natural Resource Management Plan update. These projects are in line with the 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 at the October 26, 2016, Resource Management Committee meeting will highlight the Cultural Resource accomplishments for FY 2016 and will present proposed plans for FY 2017. In FY 2016, work was accomplished on 86 of 239 strategies of the Cultural Resources Management Plan. Thirty strategies are now considered complete or will only require updating when new information is available. Areas of emphasis for FY 2017 include strategies related to continued progress with archaeological and museum collections in preparation for AAM reaccreditation and large archaeological and other cultural resource projects.

ENCLOSED DOCUMENTS:

Attachment 1: Cultural Resource Management Plan FY2015 Accomplishments and FY2016 Implementation Plan

STAFF:

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

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Barbara Nugent, Director, Park Services Division  
Cindy Walsh, Director, Resource Management Division  
Liz Crowell, Manager, Archaeology and Collections Branch

**Cultural Resource Management Plan  
FY 2016 Accomplishments  
FY 2017 Implementation Plan**

**FY2016 Implementation Plan**

- Staff worked on 86 strategies in FY 2016. Thirty of 239 strategies are now considered complete and/or incorporated into ongoing operations.

**Cultural Resource Planning**

**FY 2016 Accomplishments**

- Conducted more than 300 plan reviews, as part of easement assessments, development plan review, stormwater 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, 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 60% complete.

**FY 2017 Plans**

- Continue to coordinate on countywide archaeological projects and conduct development plan review.
- Continue to participate on teams for master planning efforts and Capital Improvement Projects.
- Coordinate closely with the Department of Planning and Zoning and Park Authority Planning and Development staff to continue staff training on archaeology and cultural resources.
- Continue to work with volunteers and students in the field and laboratory to support projects.
- Complete revision to Cultural Resource Management Plan.

**Archaeology**

**FY 2016 Accomplishments**

- Conducted archaeological projects at Lincoln Lewis Vannoy Park, Huntley Tenant House, Colvin Run Mill Millers' House, Sully Woodlands, and provided technical oversight for archaeology at Langley Forks Park and other parks. Participated in more than 20 archaeological projects.
- Worked with the Department of Planning and Zoning to provide technical guidance on countywide archaeological projects.
- Served on teams for archaeological oversight for Route 7, Route 1, Route 28, and Route 66, among others

- Continued to support an internship program with universities to provide students with experience in archaeology.

### **FY 2017 Plans**

- Continue archaeology at Sully Woodlands.
- Finalize Assessment of Effects, Programmatic Agreement, and archaeology for Langley Forks Park.
- Complete archaeological study at Huntley Tenant House.
- Conduct archaeology at Lahey Lost Valley to contribute to the Resident Curator program, to better understand the use of the property, and to delineate the cemeteries.
- Continue to conduct archaeological projects in support of the Master Planning and Capital Improvement processes.

### **Civil War Sites**

#### **FY 2016 Accomplishments**

- Co-chaired the countywide Civil War Sesquicentennial commemoration (with Visit Fairfax). Continued to participate in local and regional Civil War planning.
- Participated in Civil War Trails Task Force to recommend sites for inclusion in Civil War Trails program as funding allows.
- Completed dedication ceremonies for Civil War Trails markers. A total of 26 Civil War Trails markers were installed.

#### **FY 2017 Plans**

- Install monuments at Ox Hill Battlefield Park.

### **Archaeological Artifacts and Collections**

#### **FY 2016 Accomplishments**

- Catalogued more than 40,000 archaeological artifacts from Colchester, Sully Woodlands, Colvin Run, Lincoln Lewis Vannoy, and Walney into the Archaeological Material Analysis System (AMAS) database.
- Transferred more than 150,000 records into the AMAS database using LTE 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.
- Submitted AAM paperwork for reaccreditation.

#### **FY 2017 Plans**

- Continue to employ two LTE specialists, fund interns, and purchase materials to

assist upgrading collections using telecommunications funding and funding from donations.

- Continue to update archaeological collections housing to meet current curation standards.
- Continue to explore avenues to fund an expanded collections space.

## **Museum Collections**

### **FY 2016 Accomplishments**

- Finalized Policies and Code of Ethics in preparation for AAM Reaccreditation.
- Completed rehousing of three-dimensional museum objects at Walney and updated ReDiscovery.
- Initiated Accession Reconciliation project.
- Reinstated ArtiFACT blog.
- Installed new exhibit at the Government Center.

### **FY 2017 Plans**

- Move collections from the satellite location at Ash Grove to Frey House.
- Install exhibit of Weights and Measures, on loan from Alexandria, in the Government Center as part of the 275<sup>th</sup> Anniversary of Fairfax County.
- Continue to provide monthly content for ArtiFACT blog.
- Initiate rehousing of paper objects at Walney.
- Continue to improve artifact storage conditions.
- Continue to explore avenues for expansion of collections space, up to and including a new facility.

## **Historic Buildings, Structures, Objects, & Traditional Cultural Properties**

### **FY 2016 Accomplishments**

- Completed program development for the Resident Curator Program.
- Initiated Treatment Plan for Turner Farm House.
- Continued Historic Structures Report (HSR) for Sully Historic Site.
- Participated in Team for Colvin Run Mill Millers' House and Huntley Tenant House.

### **FY 2017 Plans**

- Continue HSR for Sully Historic Site.
- Complete Treatment Plan for Turner Farm House.
- Initiate project for the rehabilitation of the Tenant House at Historic Huntley and the Millers' House at Colvin Run Mill.
- Initiate HSRs for Ash Grove, Margaret White, Lincoln Lewis Vannoy, and Lahey Lost Valley.

## **Fairfax County Historic Overlay Districts**

### **FY 2016 Accomplishments**

- 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.

#### **FY 2017 Plans**

- Continue to evaluate applications submitted under the Zoning Ordinance Amendment for Archaeology in Historic Overlay Districts.
- Review Architectural Review Board applications and attend Architectural Review Board Meetings, as appropriate.

#### **Listings in Historic Registers**

##### **FY 2016 Accomplishments**

- Reviewed five Fairfax County Inventory of Historic Sites nominations.
- Reviewed three National Register nominations.

##### **FY 2017 Plans**

- Provide guidance to organizations preparing nominations for properties to be listed in the Fairfax County Inventory of Historic Sites and National Register.

#### **Cemeteries**

##### **FY 2016 Accomplishments**

- Provided support and technical assistance to Fairfax County Cemetery Preservation Association for more than 20 cemetery clean-up and documentation projects.
- Conducted regulatory review and provided technical assistance for projects with cemeteries that might be potentially impacted by development.

##### **FY 2017 Plans**

- Continue to provide regulatory review and technical assistance for cemeteries that may be impacted by development.
- Delineate cemeteries at Lahey Lost Valley and complete cemetery delineation at Lincoln Lewis Vannoy.

#### **Cultural Landscapes**

##### **FY 2016 Accomplishments**

- Completed Cultural Landscape Study for Ellanor C. Lawrence Park (ECL) and Great Falls Grange.

##### **FY 2017 Plans**

- Initiate Cultural Landscape Report for Margaret White Gardens.

#### **The Human Impact on Cultural Resources**

##### **FY 2016 Accomplishments**

- Provided input regarding encroachments that include impact to Cultural Resources.

## **FY 2017 Plans**

- Identify funding to reprint educational materials regarding impacts to cultural resources.
- Continue to follow the Secretary of the Interior's Standards and other federal regulations (the National Historic Preservation Act; the Antiquities Act; the Native American Graves Protection and Repatriation Act; the Archaeological Resource Protection Act; the National Environmental Policy Act; Section 4(f) of the Department of Transportation Act) and state and local regulations and policies as they apply to cultural resources.

## **Stewardship and Education**

### **FY 2016 Accomplishments**

- Participated in the Council of Virginia Archaeologists (COVA) meeting and in the Archeological Society of Virginia meetings in October 2015. Staff chaired symposium.
- Co-sponsored and participated in Fairfax County History Conference in November 2015.
- Presented papers, participated in committees and served as discussant at the Society for Historical Archaeology Annual Meeting. Participated in plenary session.
- Prepared exhibit and organized symposium to commemorate the 50<sup>th</sup> anniversary of the National Historic Preservation Act.
- 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; judged student papers, and served on committees.
- Co-sponsored archaeology symposium with FOFA and Gunston Hall that was held at Gunston Hall in April of 2016.
- Participating in Steering Committee for Historically Fairfax, the 275<sup>th</sup> anniversary of Fairfax County.
- Conducted archaeology summer camps at Ellanor C. Lawrence Park, Riverbend Park, and Huntley Meadows in coordination with site staff.

## **FY 2017 Plans**

- Continue to work with partner organizations (History Commission, ARB, VDHR, FOFA, ASV, COVA, Gunston Hall, Mount Vernon, Fort Belvoir, and other organizations) to report our findings to the public.
- Coordinate closely with interns and volunteers to provide opportunities in the next phase of the Old Colchester project. Appropriately disseminate information about the site.
- Continue to utilize existing proffer funding to prepare interpretive signage.
- Continue public outreach initiative to support resource stewardship.

# Cultural Resource Management Plan

FY 2016  
Accomplishments and  
FY 2017  
Implementation Plan

Resource Management  
Committee Meeting  
October 26, 2016

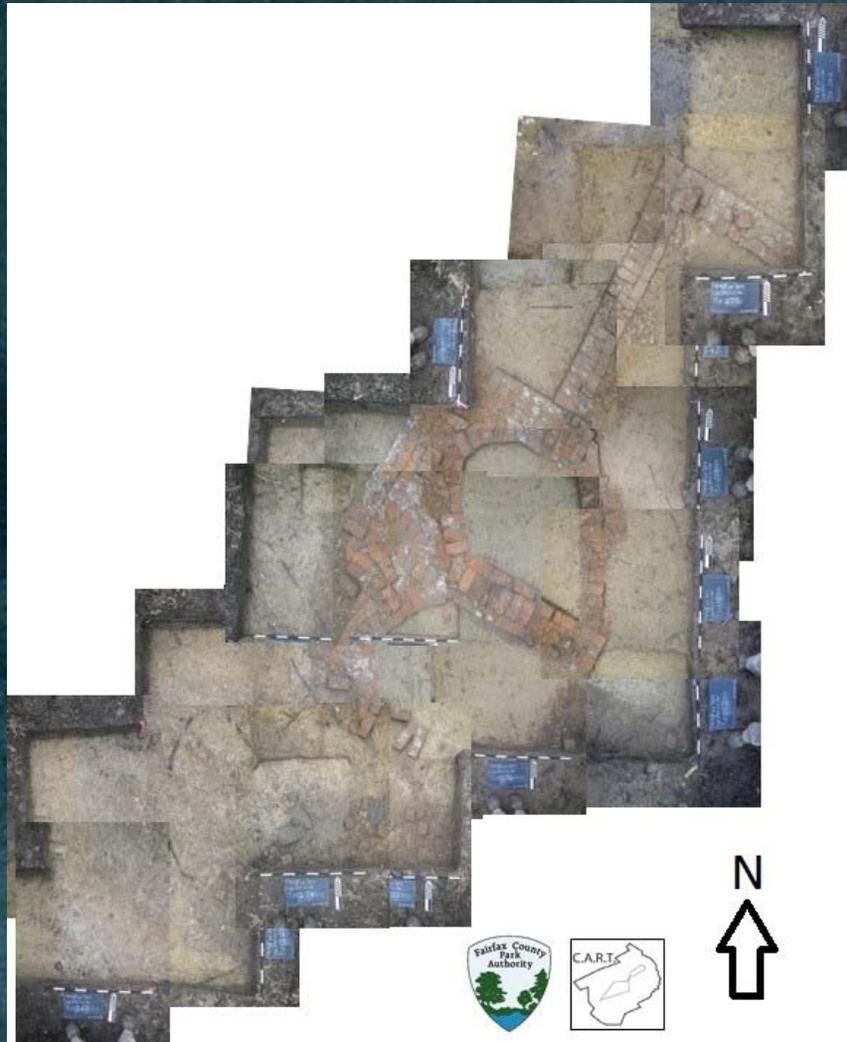


# Cultural Resource Management Plan Update

- The Cultural Resource Management Plan (CRMP) was adopted in 2006 and updated in 2012. The Plan is in the process of a third revision that will be completed in FY2017.
- This plan provides guidance for cultural resources on parkland and countywide.
- Staff has completed the first ten years (FY 2007 – FY 2016) of the plan and is presenting the proposed plan for eleventh year implementation (FY 2017).



# Cultural Resource Management and Protection Branch: Accomplishments



- Staff worked on 86 initiatives.
- 30 are considered complete or adopted into our day-to-day management.
- Worked on projects on parkland and county-wide.



# Cultural Resource Management and Protection Branch: Accomplishments

- Conducted more than 300 plan reviews, easement assessments, stormwater reviews, and other reviews for affects to archaeology. Reviewed resulting technical reports.
- Served on more than 30 teams for Master Planning efforts and Capital Improvement Projects.
- Conducted archaeological studies at Sully Woodlands and Colchester. Conducted archaeological projects at Lincoln Lewis Vannoy Park, Colvin Run Mill Millers' House, Huntley Tenant House, and Sully Woodlands, among others.
- Evaluated 5 properties under the Zoning Ordinance amendment for archaeology in Historic Overlay Districts.



# Cultural Resource Management and Protection Branch: Accomplishments

- Catalogued more than 40,000 archaeological artifacts from current projects to the cataloging database.
- Transferred more than 150,000 artifacts into the database using LTE and intern support.
- Upgraded FCPA archaeological and museum collections in preparation for AAM reaccreditation.



# Cultural Resource Management and Protection Branch: Accomplishments

- Completed rehousing of three-dimensional museum objects at Walney and updated ReDiscovery
- Initiated Accession Reconciliation Project.
- Finalized Policies and Code of Ethics for AAM Reaccreditation.
- Completed and submitted AAM paperwork.
- Installed new exhibit at the Government Center.



# Cultural Resource Management and Protection Branch: Accomplishments

- Completed Program Development for the Resident Curator program.
- Initiated Treatment Plan for Turner Farm.
- Continued Historic Structures Report for Sully.
- Participated in teams for Colvin Run Mill Millers' House and Huntley Tenant House.
- Hired Historic Preservation Branch Manager.



# Cultural Resource Management and Protection Branch: Accomplishments

- Conducted archaeological summer camps at Huntley Meadows and Riverbend.
- Co-sponsored symposia with FOFA and Gunston Hall.
- Participated in national, regional and local archaeological conferences, as speakers, session chairs, discussants, committee members, and officers.
- Worked with school groups, scouts and senior citizens in public outreach efforts.
- Prepared exhibit and organized symposium celebrating 50 Years of the National Historic Preservation Act.

Colchester Archaeological Research Team

The C.A.R.T.  
Bi-Weekly Update



### Field and Lab Update

9 September 2016

The warm, dry weather has allowed CART to continue with unit excavation. In the lab, we are wrapping up some of the smaller projects. Once paperwork, assessments and any reports are written, the artifacts will join the rest of the collections.



The CART crew is busy at work excavating units and screening for artifacts. Some artifacts recovered include glass, ceramic and a clay smoking pipe fragment.

Volunteers continue with labeling, washing and sorting. Shown in the image above is our lab volunteer Emiko working with the tiny paper labels which are applied onto the artifacts.

Tomorrow is the **Riverbend Indian Festival**. Hope to see you there. Please join CART at the **Gunston Hall Archaeology Day** on 24 Sept. Come and learn about history and prehistory of the Mason Neck area. Fun for all ages!!

### Upcoming

**Riverbend Indian Festival**  
10 Sept 2016  
**Gunston Hall Archaeology Day**  
24 Sept 2016

**Lab Hiatus**  
Aug 30 to Sept 13  
Contact us if you are interested in volunteer work after mid-September.

### Contact Us

Email us: [cartarchlab@live.com](mailto:cartarchlab@live.com)

Follow us at: <https://cartarchaeology.wordpress.com/>

# Cultural Resource Management and Protection Branch: Plans



- Finalizing Assessment of Effects, the Programmatic Agreement and archaeology for the Langley Forks land exchange.
- Continuing archaeological studies at Huntley Tenant House, Lincoln Lewis Vannoy, Lahey Lost Valley, Sully Woodlands, and other parks.



# Cultural Resource Management and Protection Branch: Plans



- Advertise several properties for the Resident Curator Program, accept applications and finalize all implementation phases of the program.
- Work on HSRs for Sully, Lahey Lost Valley, Margaret White, Ash Grove and Lincoln Lewis Vannoy.
- Conduct CLR for Margaret White.
- Work with team for the Huntley Tenant House and Colvin Run Mill Millers' House to complete rehabilitation.



# Cultural Resource Management and Protection Branch: Plans



- Prepare for and participate in AAM visit reaccreditation.
- Move museum collections from satellite location at Ash Grove to Frey House.
- Install exhibit of weights and measures, on loan from Alexandria, in the Government Center as part of the 275<sup>th</sup> anniversary of Fairfax County.
- Initiate paper object rehousing project.



# Cultural Resource Management and Protection: Acknowledgements



- Park Authority Board
- Department of Planning and Zoning
- Fairfax County Park Foundation
- Fairfax County History Commission
- Fairfax County Architectural Review Board
- Friends of Fairfax County Archaeology and Cultural Resources (FOFA)
- Visit Fairfax
- Virginia Department of Historic Resources
- Council of Virginia Archaeologists (COVA)
- Archeological Society of Virginia (ASV)
- Northern Virginia Chapter, ASV
- Gunston Hall
- Mount Vernon
- Fort Belvoir
- Virginia Department of Transportation
- Friends Groups
- Local historical societies
- Volunteers

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Board Agenda Item  
November 16, 2016

**INFORMATION** (with presentation)

Natural Resource Management Plan – FY 2016 Accomplishments and FY 2017 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 second full year of the new NRMP.

This presentation will highlight the NRMP, the FY 2017 implementation plan and FY 2016 accomplishments. In FY 2016 work was accomplished on all four management themes, 20 of the 26 recommended actions, and one strategic plan goal. Areas of emphasis for FY 2016 include completing planned activities while maintaining existing service levels.

ENCLOSED DOCUMENTS:

Attachment 1: Natural Resource Management Plan - FY 2016 Accomplishments FY 2017 Implementation Plan

STAFF:

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

**Natural Resource Management Plan  
FY 2016 Accomplishments  
FY 2017 Implementation Plan**

**FY 2016 Implementation Plan**

- The Park Authority completed its second 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 20 of the 26 NRMP recommended actions and one strategic plan goal.

**NRMP Program**

**FY 2016 Accomplishments**

- Started natural vegetation community classification.
- Improved data collection methodologies and began populating the geodatabase model.
- Completed branch SOPs for encroachments and off-site development reviews, and a draft for capital improvement projects.
- Completed Ellanor C. Lawrence Park Pilot Project, continued implementation of the Natural Resource Management Plan (NRMP) at Old Colchester Park and Preserve (OCP), and started a Helping Our Land Heal (HOLH) project at Poplar Ford Park.
- Revised the Natural Resources Branch website content.
- Reorganized the Natural Resources Branch to follow the agencywide plan. New program areas were created that include: Inventory and Planning Program, Natural Capital Protection Program, Ecosystems Management and Restoration Program, and Invasive Management Area Program. Two new Ecologist III's were hired to develop and manage the Ecosystems Management and Restoration, and Natural Capital Protection Programs. One new Ecologist I was hired to recruit and coordinate volunteers for the Invasive Management Area Program.

**FY 2017 Plans**

- Develop best practices for terrestrial ecological restorations.
- Continue to populate the geodatabase and improve data collection methodologies, as necessary.
- Develop branch Standard Operating Procedures (SOPs) for routine Inventory and Planning Program, and Managing Wild Populations and Restoring Ecosystems Program activities.

- Continue to implement the NRMP for OCPP and HOLH project at Poplar Ford Park, and start an ecological restoration project/HOLH project at John C. and Margaret K. White Horticultural Park.
- Draft an Implementation Plan for agencywide NRMP.
- Build capacity for rare, threatened, and endangered species survey and monitoring.

## **Inventory and Planning**

### **FY 2016 Accomplishments**

- Surveyed approximately 4,440 acres using the Non-native Invasive Assessment Prioritization (NNIAP) protocol for a total acreage of 21,440 acres. All suitable acreage has been surveyed to produce a complete inventory and started resurvey of park lands.
- Assessed 18 parks for deer browse impacts and 13 parks for deer density to inform white-tailed deer management efforts.
- Completed 23 non-native invasive vegetation treatment plans at 21 parks.
- Classified and mapped 803 acres of natural vegetation communities.
- Designated a Resource Protection Zone (RPZ) at Mount Vernon Woods Park.
- Expanded web-based GIS to include data collection for rare species, Invasive Management Area (IMA)/Early Detection and Rapid Response (EDRR), Natural Vegetation Community Classification (NVCC), and HOLH projects and programs.

### **FY 2017 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 every four to 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 implement best practices for natural community identification and mapping.
- Continue to improve the use of web-based GIS to natural resource programs and services where deemed effective.
- Build capacity for rare, threatened, and endangered species survey and monitoring.

## **Protecting Natural Capital**

### **FY 2016 Accomplishments**

- Reviewed 159 development plans to avoid adverse impacts to natural resources.

- Served on 27 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.
- Provided technical assistance for 50 easement actions on park lands.
- Provided technical assistance for 42 Department of Public Works and Environmental Services (DPWES) projects on park lands.
- Conducted site assessments for one potential land acquisitions.
- Reviewed 68 permit requests for restricted activities in natural areas.

### **FY 2017 Plans**

- Continue to review development plans for adverse impacts to park lands, as needed.
- Continue to serve on park project teams for FY17.
- 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.

## **Managing Wild Populations and Restoring Ecosystems**

### **FY 2016 Accomplishments**

- Treated 1,254 acres for non-native invasive vegetation.
- Removed 940 white-tailed deer from 77 parks.
- Treated 100 Canada goose nests at lake front parks and golf courses using best management practices.
- Implemented 6.1 acres of prescribed fire.
- Completed one ecosystem restoration under the HOLH program: ECLP forest management pilot project and
- Continued implementation of one ecosystem restoration under the HOLH program: OCPP natural resource management plan implementation
- Started implementation of one ecosystem restoration under the HOLH program: Poplar Ford Park Helping Our Land Heal project.

### **FY 2017 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 the OCPP natural resource management plan and the Poplar Ford Park Helping Our Land Heal project.
- Start an ecological restoration project/HOLH project at John C. and Margaret K. White Horticultural Park.

## **Fostering Stewardship and Expanding Natural Capital**

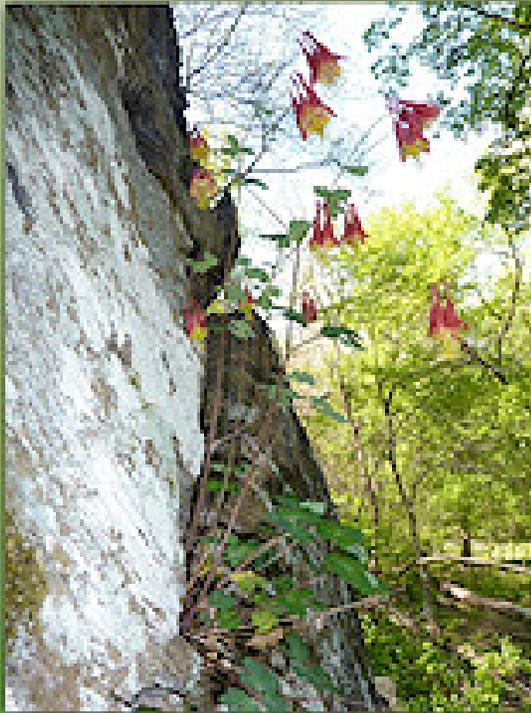
## **FY 2016 Accomplishments**

- Addressed an estimated 2,268 citizen inquiries regarding natural resources on park lands.
- Volunteers donated 6,289 hours removing non-native invasive vegetation at 41 sites and 43,689 total volunteer hours since the Invasive Management Area (IMA) program inception.
  - The donated volunteer time equates to an estimated \$145,087 in FY 2016 and \$1,007,905 since program inception.
- FCPD volunteers donated 37,071 hours removing white-tailed deer among 22 hunt groups and an estimated 116,400 total volunteer hours since the FCPD archery program inception.
  - The donated FCPD volunteer time equates to an estimated \$855,228 in FY 2016 and \$2,685,348 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;
  - Manassas National Battlefield Park.
- Awarded a grant by REI for \$5,000 to the IMA program. Six grants total have been awarded to the IMA program by REI.

## **FY 2017 Plans**

- Continue addressing citizen inquiries on an as needed basis.
- Continue the IMA program operations at, at least, 40 sites and encouraging volunteer-based stewardship.
- Continue partnering the FCPD to remove white-tailed deer among 22 hunt groups on park lands.
- Continue to foster partnerships with state, regional, private, non-profit, and county organizations.
- Continue to refocus stewardship education efforts away from hard-copy printed materials to updating digitally provided information.

Fairfax County Park Authority  
Natural Resource Management Plan



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



# Natural Resource Management Plan – FY 2016 Accomplishments and FY 2017 Implementation Plan

Resource Management  
Committee Meeting  
October 26, 2016

## ***FY2016 Activities Planned***

Start natural vegetation community classification

Improve data collection methodologies and began populating geodatabase model

Branch SOPs for Protecting Natural Capital activities

Complete ECLP Pilot Project, continued implementation of NRMP at OCPP, and start HOLH project at Poplar Ford; and Laurel Hill, Riverbend, Sully Woodlands, or Scotts Run

Develop Implementation Plan for agency-wide NRMP

Revise the Natural Resource Branch website content

## ***FY2016 Activities Accomplished***

Started natural vegetation community classification

Improved data collection methodologies and began populating geodatabase model

Completed branch SOPs for encroachments and off-site development reviews, and a draft for capital improvement projects

Completed ECLP Pilot Project, continued implementation of NRMP at OCPP, and started a HOLH project at Poplar Ford

Revised the Natural Resource Branch website content

Reorganized branch to follow agency-wide plan

## Inventory and Planning

4,440 acres surveyed using NNIAP protocol in FY2016; 21,440 acres total

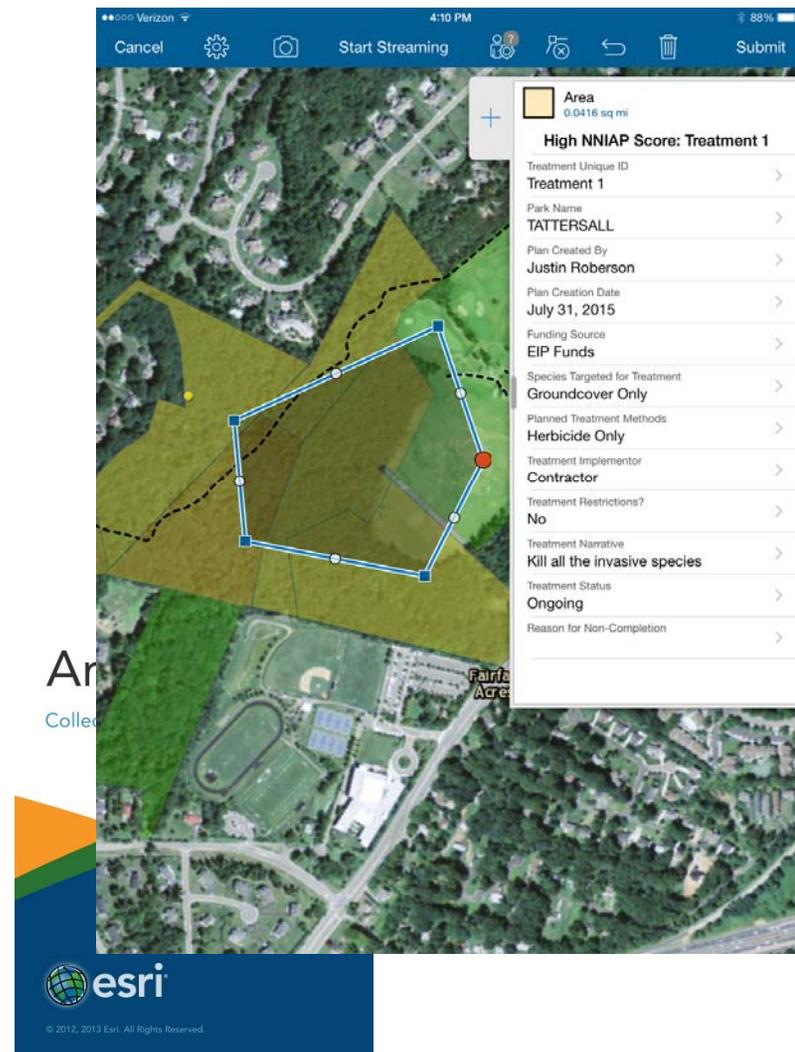
18 parks assessed for deer browse impacts and estimate deer densities at 13 parks

23 NNI treatment plans prepared at 21 parks

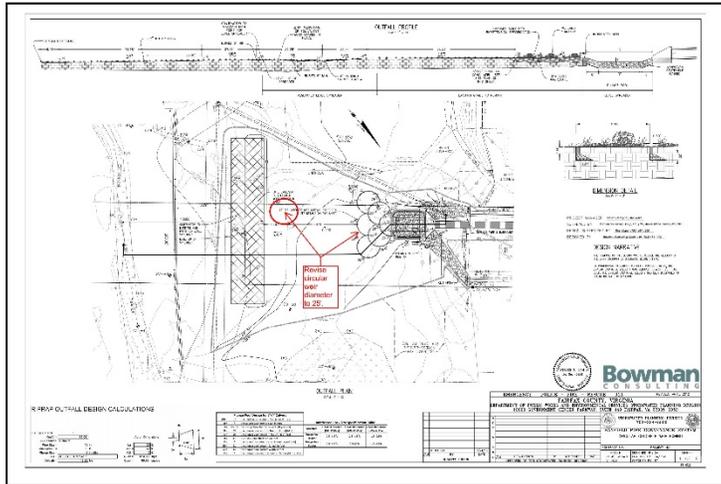
803 acres of natural vegetation communities classified and mapped

1 Resource Protection Zone designated at Mount Vernon Woods Park

Expanded web-based GIS to include data collection for rare species, IMA/EDRR, NVCC, and HOLH



***“Knowing what we have”***



***“Do no harm”***

## Protecting Natural Capital

159 development plans reviewed

27 park project teams served

3 encroachments where technical assistance was provided

50 easement actions where technical assistance was provided

42 DPWES projects where technical assistance was provided

1 land acquisition review conducted

68 permit requests reviewed for restricted natural area activities

## Managing Wild Populations and Restoring Ecosystems

1,254 acres treated for invasive, non-native vegetation

940 white-tailed deer harvested from 77 parks

100 Canada goose nests oiled at lake front parks and golf courses

6.1 acres of prescribed fire implemented

3 ecosystem restoration projects in progress or completed:

*Old Colchester Park natural resource management plan*

*Poplar Ford Park Helping Our Land Heal project*

*Ellanor C. Lawrence Park forest management pilot project*



***“Helping our land heal”***



**TAKE  
BACK  
THE  
FOREST**

***“Spreading the word”***

## **Fostering Stewardship and Expanding Natural Capital**

2,268 (estimated) customer inquiries addressed

6,289 volunteer hours removing invasive, exotic vegetation in FY2016 at 41 sites, 43,689 total volunteer hours since IMA program inception

37,071 FCPD volunteer hours harvesting white-tailed deer in FY2016 among 22 hunt groups, 116,400 (estimated) total FCPD volunteer hours since archery program inception

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

“Take Back The Forest” campaign wins 6<sup>th</sup> REI grant

## ***FY2017 Activities Planned***

Best practices: terrestrial ecological restorations

Continue to populate geodatabase model

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

Continue to implement NRMP for OCPP and HOLH project at Poplar Ford; and start ecological restoration projects at White Gardens

Develop Implementation Plan for agency-wide NRMP

Build capacity for threatened and endangered species survey and monitoring

## ***FY2017 Resources Strategy***

Funding Sources:

*General Fund*

*Telecom Fund*

*Bond Fund*

*Vulcan Fund*

*Environmental Improvement Program*

*Grants*

*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

REI

Northern Virginia Audubon Society

Forts Belvoir and AP Hill

Quantico Marine Corps Base

Manassas National Battlefield Park