



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: June 22, 2017

Agenda

Resource Management Committee

Wednesday, June 28, 2017 – 5 p.m.

Boardroom – Herrity Building

Chairman: Maggie Godbold

Vice Chair: Linwood Gorham

Members: Mary Cortina, Timothy Hackman, Anthony Vellucci

1. Huntley Meadows Natural Resource Management Plan Scope of Work – Information*

*Enclosures



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

INFORMATION

Huntley Meadows Park Natural Resource Management Plan Scope of Work

The Park Authority will complete a Natural Resources Management Plan (NRMP) and associated surveys for Huntley Meadows Park, as part of the feasibility to include the park within the Virginia Natural Area Preserve system. The NRMP that will be developed will consider options and provide recommended implementation actions for ecological restoration. The scope of the project will include the entirety of Huntley Meadows Park. The project will be managed by Natural Resource Branch (NRB) staff.

The period of performance will be 18 months. The completion schedule assumes a July 1, 2017 start date.

Project Year 1 (FY18)				
Tasks	1 st Qtr	2 nd Qtr	3 rd Qtr	4 th Qtr
1. Project Management	Start	Ongoing	Ongoing	Ongoing
2. Outline		Complete		
3. 50% Draft NRMP				Complete
4. 90% Draft NRMP				
5. Planning-level Surveys			Start	Ongoing
6. Groundwater Hydrology		Start	Ongoing	Ongoing
7. NAP Assessment		Start	Ongoing	Ongoing

Project Year 2 (FY19)				
Tasks	1 st Qtr	2 nd Qtr	3 rd Qtr	4 th Qtr
1. Project Management	Ongoing	Complete		
2. Outline				
3. 50% Draft NRMP				
4. 90% Draft NRMP		Complete		
5. Planning-level Surveys	Ongoing	Complete		
6. Groundwater Hydrology	Ongoing	Complete		
7. NAP Assessment	Ongoing	Complete		

Goals

The project will be conducted in accordance with FCPA Policy 201, Natural Resources. It will also help fulfill recommended actions 1, 2, 3, 5, 6, 10, 13, 15, 16, 24, and 26 in the agency-wide Natural Resource Management Plan. It will produce a plan that will be

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used to manage, restore, and protect the natural resources of Huntley Meadows Park. The NRMP will inform the Master Plan for the park.

Objectives

The following project objectives will achieve the goals identified above.

1. Manage project to meet goals.
2. Prepare NRMP.
3. Conduct planning-level ecological surveys to inform NRMP.
4. Conduct hydrology study in targeted areas of the park.
5. Determine feasibility of Natural Area Preserve (NAP) and alternatives recommendations, as needed.

Tasks

The NRB will manage contractors to achieve project objectives. Project tasks will be performed to complete deliverables according to specifications outlined in this document.

1. Manage the project to include coordination with sites, contractor selection and management, quality assurance, stakeholders, and other factors.
2. Coordinate FCPA comments for NRMP outline to contractor.
3. Coordinate FCPA comments for 50% draft NRMP and provide to contractor.
4. Coordinate FCPA comments for 90% draft NRMP and provide to contractor.
5. Coordinate contractor(s) and staff for planning-level ecological survey(s) and ensure information is included in NRMP.
6. Coordinate contractor for hydrology study.
7. Consult with Virginia Department of Conservation and Recreation (DCR) and U.S. National Park Service (NPS) to request the removal of deed restrictions for DCR concurrence with NAP. Provide a list of potential alternative actions if concurrence among DCR, FCPA, and NPS is not achieved.

Specifications

- The NRMP will be compliant with DCR NAP standards.
- The NRMP will incorporate results from planning-level ecological surveys and existing, suitable FCPA data.
- The NRMP will include water level management for habitat management for the park's central wetland.
- The NRMP will use natural vegetation community data to delineate management units.
- The NRMP will identify restoration, enhancement, and/or maintenance activities necessary for each management unit, based on existing resources.
- The NRMP will provide cost estimates per activity for each management unit.
- The NRMP will include a NAP designation, or similar, for eligible management units.

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- The NRMP will identify target, or desired, natural community type(s) for all management units identified for restoration.
- Any geographic data created by a contractor for the project will be provided in ESRI compatible; State Plane, Survey Foot georeferenced dataset.
- Progress reports will follow established FCPA procedures.

Project Deliverables

1. Quarterly progress reports submitted by the NRB.
2. A completed NRMP that will include recommendations for a NAP, or suitable equivalent; and identified management units in need of ecological restoration.
3. A hydrology study to determine feasibility of restoring hydric natural vegetation communities at targeted areas of the park.
4. Final report and/or geographic data for each planning-level ecological survey.

FISCAL IMPACT:

Funding in the amount of \$1,000,000 is currently available in PR-000093, Land Acquisition and Stewardship-2012, Natural Capital Renovation/Natural Resource Management in Fund 30400, Park Bond Construction Fund.

Planning-level Ecological Surveys	\$27,000
Huntley Meadows Park Natural Resource Management Plan Update	\$63,000
Groundwater Hydrology Study	\$67,500
Project Administration (10%)	\$17,500
Total	\$175,000

ENCLOSED DOCUMENTS:

None

STAFF:

Kirk W. Kincannon, Executive Director
Aimee Vosper, Deputy Director/CFO
Sara Baldwin, Deputy Director/COO
Cindy Walsh, Director, Resource Management Division
Janet Burns, Director, Administration Division
Todd Brown, Director, Park Operations Division

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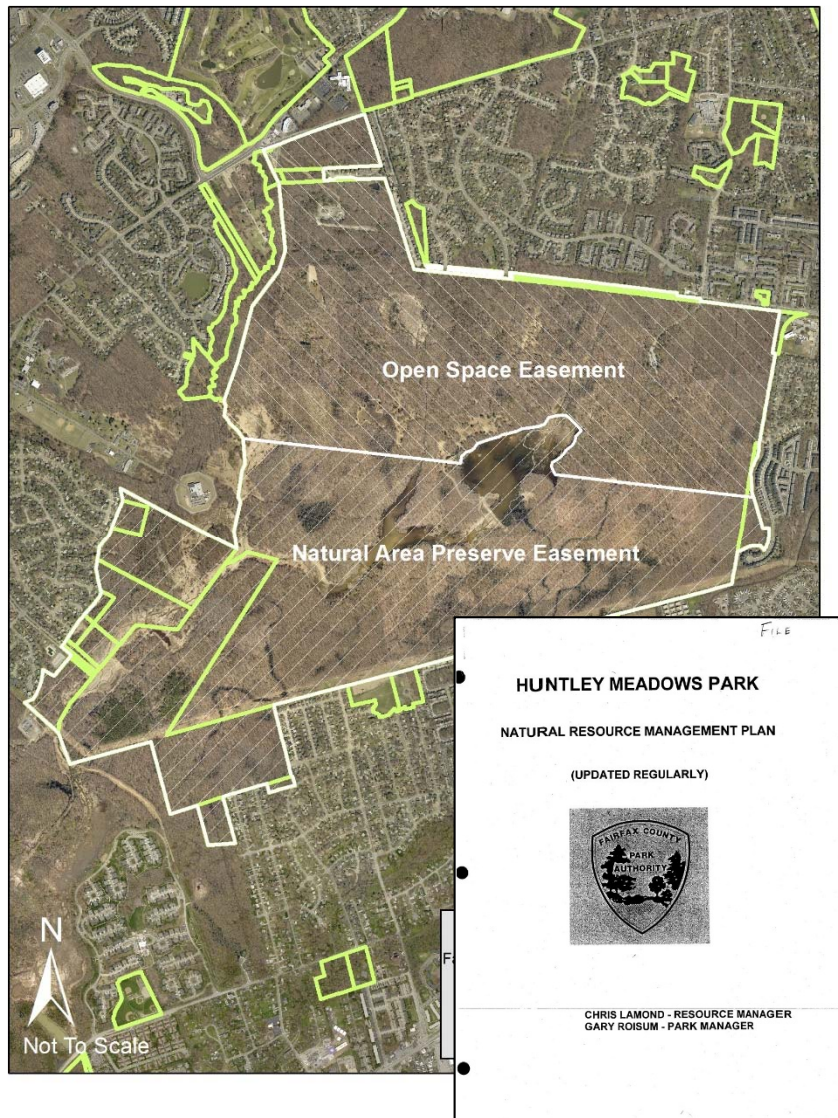
Judy Pedersen, Public Information Officer
David Bowden, Director, Planning and Development Division
John Stokely, Manager, Natural Resources Branch



Information:
Huntley Meadows Park
Natural Resource Management Plan Update

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Project Overview



- Start 1st Qtr FY 2018
- 18 month period of performance
- Major Tasks
 - Complete NRMP
 - NAP feasibility determination
 - Planning-level surveys for NRMP
 - Hydrology study for restoration design
 - Manage project

Funding Requirements

Task	Cost Estimate	Potential Funding Source
Master Plan Update	450 – 850 staff hours	General Fund
Natural Resource Management Plan Update	~\$100,000	2016 Bond, Natural Resources Allocation
Environmental Surveys	~\$10,000	2016 Bond, Natural Resources Allocation
OSE Boundary Survey	~\$38,000	2016 Bond, Natural Resources Allocation
NAP Boundary Survey, Mark, and Signage	~\$108,000	2016 Bond, Natural Resources Allocation
OSE Easement Drafting	\$0	Partner Donation
NAP Easement Drafting	\$0	Partner Donation
OSE Monitoring	~\$12,000	2016 Bond, Natural Resources Allocation; or Partner Donation
Title Reports	~\$10,000	2016 Bond, Natural Resources Allocation; or Partner Donation
Project Administration	~\$28,000	2016 Bond Natural Resources Allocation
Grand Total	~\$306,000 + 450-850 staff hours	

Estimated Proposal Schedule

Project	Year 1												Year 2												Year 3											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Natural Resource Management Plan																																				
Master Plan																																				
Natural Area Preserve																																				
Open Space Easement																																				

- 24 – 36 months from start of funded process



Questions?