



FAIRFAX COUNTY PARK AUTHORITY



M E M O R A N D U M

TO: Chairman and Members
Park Authority Board

VIA: Jai Cole, Executive Director

FROM: Laura Grape, Division Director, Resource Management

DATE: April 21, 2023

Agenda

**Resource Management Committee
(Committee of the Whole)
Wednesday, April 26, 2023 – 6:10 pm
Boardroom, Herrity Building
Chairman: Maggie Godbold
Vice Chair: Abena Aidoo Hewton**

1. Scope Approval – Central and Southeastern Area Natural Resources Management Plans Scope of Work (Braddock, Franconia, Mason, Mount Vernon, Providence, and Springfield Districts) (with presentation) – Action*
2. Scope Approval – Helping Our Land Heal Forest Restoration Projects: Oak Marr Park (Providence District), Mason District Park (Mason District), and Huntley Meadows Park (Franconia District) (with presentation) – Action*

*Enclosures



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

ACTION

Scope Approval – Central and Southeastern Area Natural Resources Management Plans Scope of Work (Braddock, Franconia, Mason, Mount Vernon, Providence, Springfield Districts)

ISSUE:

The Park Authority Executive Director recommends approval of the project scope to begin work on the Central Area and Southeastern Area Natural Resources Management Plans.

RECOMMENDATION:

The Park Authority will complete two Natural Resources Management Plans (NRMPs) and associated surveys for parks in the central and southeastern part of Fairfax County. The NRMPs that will be developed will consider options and provide recommended implementation actions for ecological restoration. The scope of the project will include all parks depicted on the map as Attachment 2 and listed by name in Attachment 3. The proposed NRMPs are the third and fourth of four that will be completed to cover all parks in the county. The project will be managed by Natural Resource Branch (NRB) staff.

TIMING:

The period of performance will be 48 months spanning five fiscal years with an anticipated completion date of April 30, 2027. The completion schedule assumes an April 1, 2023 start date.

Central Area NRMP:

Fiscal Year 2023

- Quarter 4:
 - Begin project management
 - Begin biological surveys

Fiscal Year 2024

- Quarters 1 – 4:
 - On-going project management
 - On-going surveys

Fiscal Year 2025

- Quarter 1:

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- Begin outline
- Quarter 2:
 - Complete outline
 - Begin 50% draft
 - Complete biological surveys
- Quarter 3:
 - Complete 50% draft
 - Begin 90% draft
 - Begin graphic design
- Quarter 4:
 - Complete 90% draft
 - Complete graphic design
 - Complete project management

Project Completion (April 2025)

Southeastern Area NRMP:

Fiscal Year 2025

- Quarter 4:
 - Begin project management
 - Begin biological surveys

Fiscal Year 2026

- Quarter 1 – 4:
 - On-going project management
 - On-going surveys

Fiscal Year 2027

- Quarter 1:
 - Begin outline
- Quarter 2:
 - Complete outline
 - Begin 50% draft
 - Complete biological surveys
- Quarter 3:
 - Complete 50% draft
 - Begin 90% draft
 - Begin graphic design
- Quarter 4:
 - Complete 90% draft
 - Complete graphic design
 - Complete project management

Project Completion (April 2027)

BACKGROUND:

Goals:

The project will be conducted in accordance with FCPA Policy 201, Natural Resources. It will also help fulfill the following Recommended Actions in the agency-wide Natural Resource Management Plan.

- Recommended Action 1 – Conduct natural resource inventories of vegetative communities, rare and significant species, habitats and ecological features such as wetlands and their contributing landscapes to identify, map, and monitor biodiversity.
- Recommended Action 2 – Assess the ecological significance of natural resources on parkland according to federal and state protection status, countywide occurrence, ecological function, ecosystem serves and sensitivity to disturbance, and incorporate these assessments into strategic and long-range planning, general management planning, and operational planning.
- Recommended Action 3 – Designate Resource Protection Zones and develop a map of parkland defining these areas in which land disturbance shall be limited and access regulated based on the needs of the resources present.
- Recommended Action 5 – Ensure that natural resource protection is integrated into all aspects of the Park Authority's practices to include land acquisition, park planning, development, management, maintenance, and interpretation.
- Recommended Action 6 – Create site-specific or resource-specific Natural Resource Management Plans and/or Natural Resource Action Plans as appropriate to guide natural resource management and protection and make these plans available to staff and the public.
- Recommended Action 10 – Protect water resources from impacts of urbanization and development such as stormwater runoff and excessive flows.
- 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 24 – Partner with diverse groups to conduct resource inventories, formulate plans and manage resources.
- Recommended Action 26 – Participate in and support regional natural resource management planning and management efforts to better identify gaps and opportunities in natural resource protection and management.

It will produce a plan that will be used to manage, restore, and protect the natural resources of the parks identified in this scope. The NRMPs will inform future park Master Plans.

Objectives:

The following project objectives will achieve the goals identified above.

1. Manage project to meet goals.
2. Conduct planning-level ecological surveys to inform NRMP.
3. Prepare NRMPs.

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4. Provide recommendations for acquisitions to meet plan objectives.

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 (if applicable).
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. Consult with targeted stakeholders, such as the Virginia Department of Conservation and Recreation, to ensure technical rigor.

Specifications:

- The NRMP will be compliant with Virginia Department of Conservation and Recreation's (DCR) Natural Area Preserve (NAP) standards.
- The NRMP will incorporate results from planning-level ecological surveys and existing, suitable FCPA data.
- 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 recommended Resource Protection Zones (RPZ) and potential NAP designation, or similar, for eligible management units.
- The NRMP will identify target, or desired, natural community type(s) for management units identified for restoration.
- The NRMP will recommend areas of high conservation and protection value for potential acquisition.

Project Deliverables:

1. Quarterly progress reports submitted by the NRB.
2. Two completed NRMPs that will include recommendations for RPZs and NAP, as applicable; and identified management units in need of ecological restoration.
3. Final report and/or geographic data for each planning-level ecological survey.

FISCAL IMPACT:

Based on the scope cost estimate, funding in the amount of \$605,000 is necessary to conduct the project (Attachment 1). Funding in the amount of \$605,000 is currently available in PR-000076, Natural and Cultural Resource Stewardship-2016, Natural Capital Renovation/Natural Resource Management in Fund 30400, Park Bond Construction Fund.

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ENCLOSED DOCUMENTS:

- Attachment 1: Scope Cost Estimate for Central and Southeastern Area Natural Resources Management Plan
- Attachment 2: Central and Southeastern Area Natural Resources Management Plan Scope Map
- Attachment 3: Central and Southeastern Area Natural Resources Management Plan List of Parks

STAFF:

Jai Cole, Executive Director
Sara Baldwin, Deputy Director/COO
Aimee L. Vosper, Deputy Director/CBD
Laura Grape, Director, Resource Management Division
Kimberly Eckert, Director, Park Operations Division
Brendon Hanafin, Director, Planning and Development Division
Susan Kalish, Public Information Officer
John Burke, Manager, Natural Resources Branch
Nicole Varnes, Financial Management Branch

Central Area and Southeastern Area Natural Resources Management Plan
Scope Cost Estimate

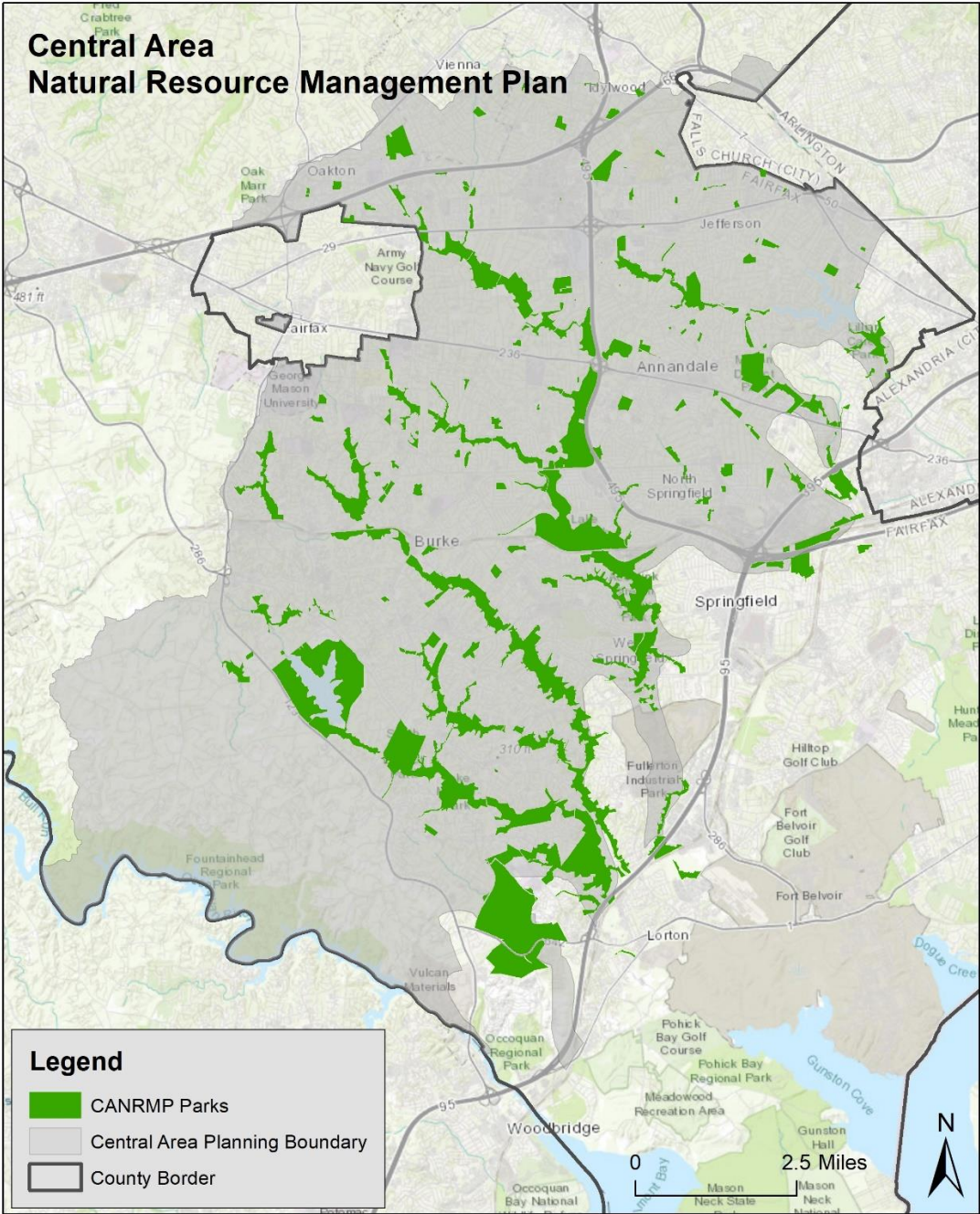
Central Area Plan:

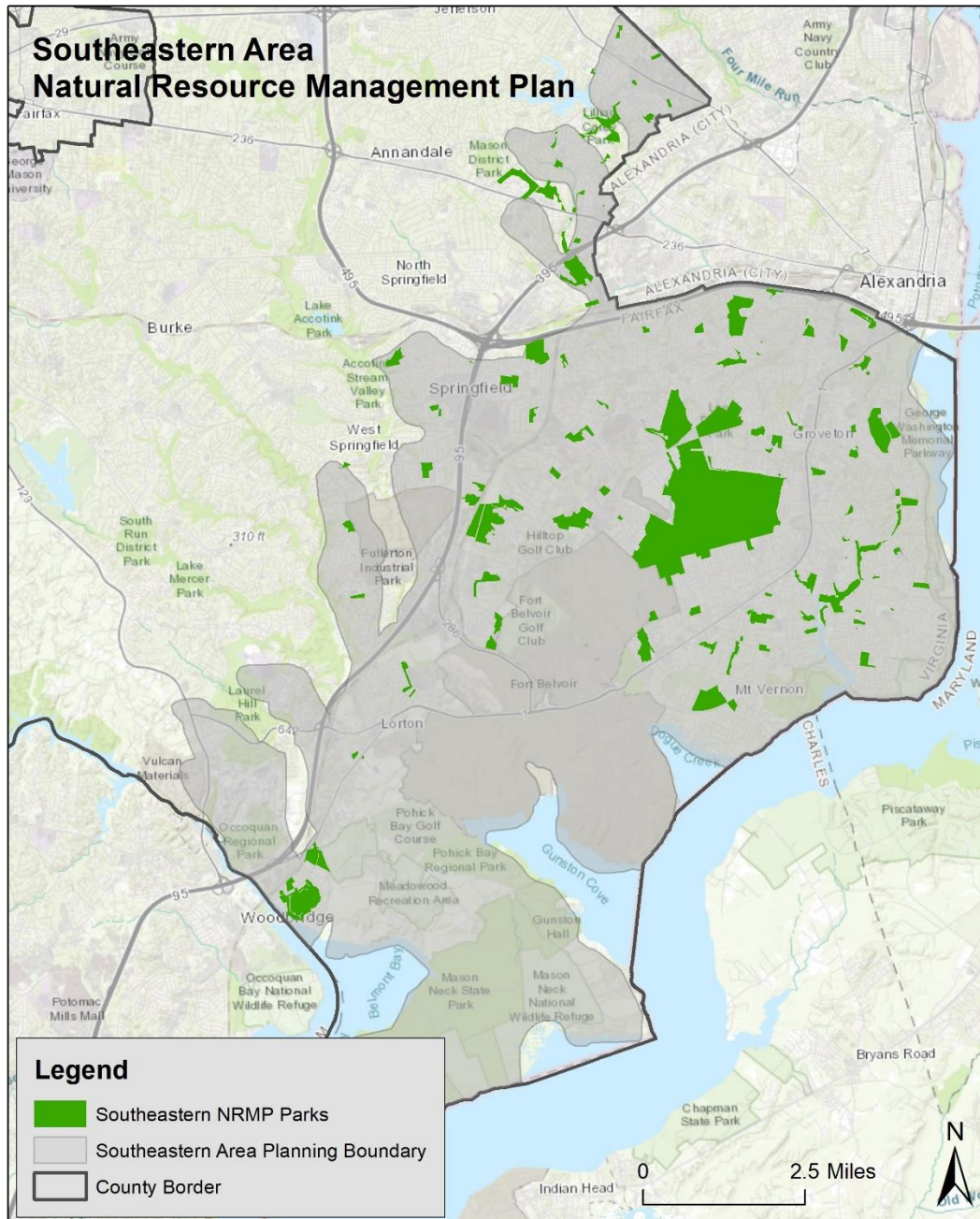
Planning-level Ecological Surveys	\$185,000
Northern Area NRMP	\$90,000
Project Administration (10%)	\$30,000
Central Area Plan Sub-Total	\$305,000

Southeast Area Plan:

Planning-level Ecological Surveys	\$180,000
Northern Area NRMP	\$90,000
Project Administration (10%)	\$30,000
Southeastern Area Plan Sub-Total	\$300,000

Total **\$ 605,000**





Central Area Natural Resource Management Plan Project

List of Parks

Park Name	Survey Priority
ACCOTINK STREAM VALLEY PARK	Priority
AMERICANA PARK	
ANNANDALE PARK	
ARMISTEAD PARK	
ASHFORD EAST PARK	
AZALEA PARK	
BACKLICK PARK	
BACKLICK RUN PARK	
BACKLICK STREAM VALLEY PARK	
BAILEY'S ELEMENTARY SCHOOL SITE	
BAILEY'S PARK	
BARCROFT KNOLLS PARK	
BEL AIR PARK	
BELVEDERE PARK	
BLAKE LANE SCHOOL SITE	
BORGE STREET PARK	
BREN MAR PARK	
BRIARWOOD PARK	
BRIMSTONE PARK	
BROYHILL CREST PARK	
BROYHILL PARK	
BURKE LAKE PARK & GOLF COURSE	Priority
BURKE RIDGE PARK	
BURKE STATION PARK	
BYRON AVENUE PARK	
CAMELOT SCHOOL SITE	
CANTERBURY WOODS PARK	
CARDINAL FOREST PARK	
CARRLEIGH PARKWAY PARK	
CHAPEL ACRES PARK	
CHERRY RUN PARK	
COUNTRY CLUB VIEW PARK	
CROOKED CREEK PARK	
CUNNINGHAM PARK	
DEERLICK PARK	
DEVONSHIRE PARK	

DUNN LORING PARK	
EAKIN COMMUNITY PARK	
EAKIN PARK (MANTUA SECTION)	
EAST BLAKE LANE PARK	
EDSALL PARK	
FAIRFAX HILLS PARK	
FAIRFAX PARK PARK	
FITZHUGH PARK	
FLAG RUN PARK	
FRANCONIA PARK	
GEORGE MASON PARK	
GLASGOW PARK	
GLEN HILLS PARK	
GREEN SPRING GARDENS	
GREENFIELD PARK	
GREENTREE VILLAGE PARK	
HARTLAND GREEN PARK	
HERZELL WOODS PARK	
HEYWOOD GLEN PARK	
HIDDEN POND PARK	
HIDEAWAY PARK	
HOLLYWOOD ROAD PARK	
HOLMES RUN STREAM VALLEY PARK	
HOWREY FIELD PARK	
HUNTER VILLAGE PARK	
HUNTSMAN PARK	
IDYLWOOD PARK	
INDIAN RUN STREAM VALLEY PARK	
JAMES LEE SCHOOL SITE	
JEFFERSON DISTRICT PARK	
JEFFERSON VILLAGE PARK	
JOHN C & MARGARET K WHITE GARDENS	
JOHN MASTENBROOK - GREENWAY DOWNS PARK	
JOSEPH F. BARNES BATTERY PARK	
JUSTICE PARK	
KENDALE WOODS PARK	
KINGS PARK PARK	
LAKE ACCOTINK PARK	Priority
LAKE BRADDOCK PARK	
LAKE MERCER PARK	Priority
LAKESIDE PARK	
LARCHMONT PARK	

LARRY GRAVES PARK	
LAUREL HILL PARK	Priority
LEE LANDING PARK	
LEEWOOD PARK	
LILLIAN CAREY PARK	
LONG BRANCH FALLS PARK	
LONG BRANCH STREAM VALLEY PARK	
LURIA PARK	
MANASSAS GAP RAILROAD PARK	
MASON DISTRICT PARK	
MASONVILLE PARK	
MERRIFIELD PARK	
MIDDLE RUN STREAM VALLEY PARK	Priority
MIDDLERIDGE PARK	
MONCH FARM PARK	
MONTICELLO PARK	
MONTICELLO WOODS PARK	
MOSBY WOODS PARK	
MUNSON HILL PARK	
NEWINGTON COMMONS PARK	
NEWINGTON HEIGHTS PARK	
NORTH SPRINGFIELD PARK	
NOTTOWAY PARK	
OAK HILL PARK	
OLDE FORGE PARK	
ORANGE HUNT ESTATES PARK	
OSSIAN HALL PARK	
PINE RIDGE PARK	
PINE SPRING PARK	
PINECREST GOLF COURSE	
POBURN WOODS PARK	
POE TERRACE PARK	
POHICK STREAM VALLEY PARK	Priority
PROVIDENCE RECENTER	
RABBIT BRANCH PARK	
RED FOX FOREST PARK	
ROLLING FOREST PARK	
ROLLING VALLEY WEST PARK	
ROLLING WOODS ESTATES PARK	
ROSE LANE PARK	
ROUNDTREE PARK	
ROYAL LAKE PARK	
ROYAL RIDGE PARK	

RUCKSTUHL PARK	
RUTHERFORD PARK	
SALLY ORMSBY PARK	
SANDY RUN STREAM VALLEY PARK	
SHANNON STATION PARK	
SILAS BURKE PARK	
SILVERBROOK PARK	
SLEEPY HOLLOW PARK	
SMOKEWOOD PARK	
SOUTH RAILROAD STREET PARK	
SOUTH RUN DISTRICT PARK	Priority
SOUTH RUN STREAM VALLEY PARK	Priority
SURREY SQUARE PARK	
THE WAKEFIELD CHAPEL	
TOWERS PARK	
TRAILSIDE PARK	
TURKEYCOCK RUN STREAM VALLEY PARK	
TWINBROOK ROAD PARK	
TYLER PARK	
TYSONS WOODS PARK	
UNIVERSITY PARK	
VALLEY CREST PARK	
VILLA D'ESTE PARK	
VILLA LEE PARK	
WAKEFIELD CHAPEL PARK	
WAKEFIELD PARK	Priority
WALNUT HILL SCHOOL SITE	
WEST SPRINGFIELD PARK	
WEST SPRINGFIELD VILLAGE PARK	
WESTLAWN SCHOOL SITE	
WILBURDALE PARK	
WILLOW WOODS PARK	
WINTERSET VARSITY PARK	
WOODBURN SCHOOL SITE	
WOODGLEN LAKE PARK	

Southeastern Area Natural Resource Management Plan Project

List of Parks

Park Name	Survey Priority
Amberleigh	
Backlick Run	
Baileys	
Belle Haven	
Beulah	
Boyd A. and Charlotte M. Hogge	
Bren Mar	
Brookfield	
Bucknell Manor	
Burgundy	
Bush Hill	
Carl Sandburg School Site	
Clark House at Barcroft Mews	
Clermont	Priority
Collingwood	
Creighton Square	
Crossroads Interim	
Dogue Creek Stream Valley	Priority
Dowden Terrace	
Farrington	
Fort Hunt	
Fort Willard Historic Site	
Franconia	Priority
Franconia District	
Franconia Forest	
George Washington	
Gilbert S. McCutcheon	
Glasgow	
Green Spring Gardens	
Greendale Golf Course	Priority
Grist Mill	Priority
Groveton Heights	
Hayfield	
Heritage Hill	
Heywood Glen	
Historic Huntley	
Hollin Hall	
Hollin Meadows	
Hooes Road	

Huntington	
Huntley Meadows	Priority
Hybla Valley	
Island Creek	Priority
Jefferson Manor	
John Byers	
Kingstowne	Priority
Kirk	
Lenclair	
Levelle W. Dupell	
Lewis High	
Lillian Carey	Priority
Lincolnia	
Little Hunting Creek	Priority
Loftridge	Priority
Loisdale	Priority
Lorton	
Lower Potomac	
Lynbrook	
Manchester Lakes	
Mark Twain	
Martin Luther King Jr.	
Mason Neck West	Priority
McNaughton Fields	
Mount Air Historic Site	
Mount Eagle	
Mount Vernon District	Priority
Mount Vernon Manor	
Mount Vernon Woods	
Mount Zephyr	
Muddy Hole Farm	
Mulberry Hill	
North Hill	
Olander and Margaret Banks	
Old Colchester Park and Preserve	Priority
Old Mount Vernon School Site	
Parklawn	
Paul Springs Stream Valley	Priority
Pinecrest Golf Course	
Pohick Estates	
Pole Road	Priority
Ridgeview	
Rolling Forest	

Rollingwood	
Saratoga	
Skyline	
South Kings Forest	
Southgate	
Spring Lane	
Springfield Forest	
Springvale	
Stephen Foster School Site (Walt Whitman)	
Stoneybrooke	
Stratford Landing	
Summers Cemetery	
Tara Village	
Turkeycock Run Stream Valley	
Vernon Heights	
Virginia Hills School Site	
Washington Mill	
Westgrove	
White Oaks	
Wickford	
Wilton Woods School Site	
Woodlawn	
Woodley Hills	



Natural Resources Management Plan

Central and Southeastern Area

RESOURCE MANAGEMENT COMMITTEE MEETING

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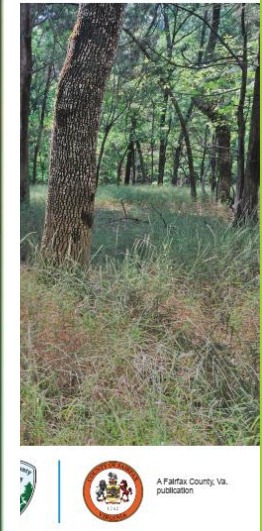
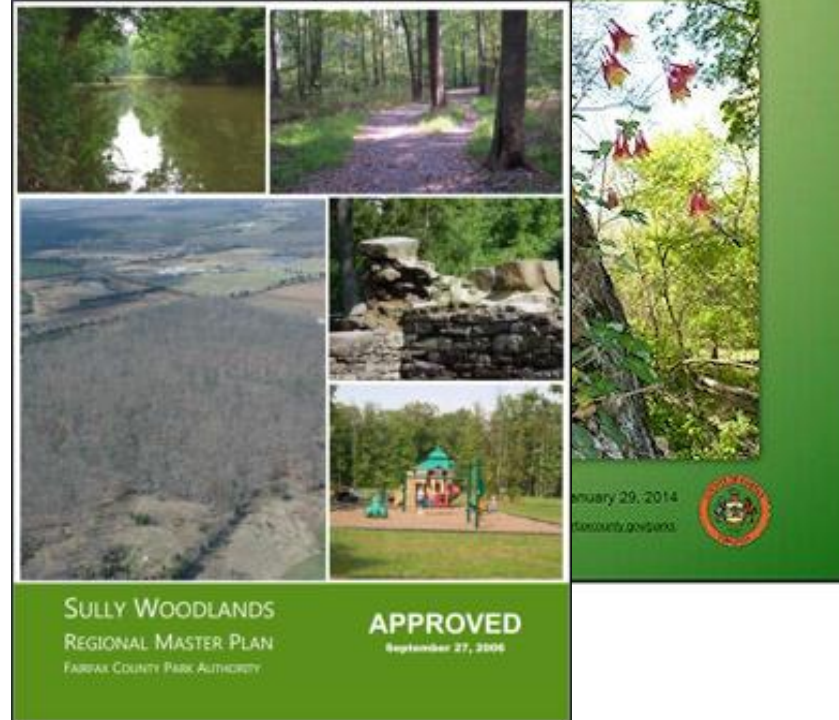
Background

- Nine Recommended Actions
- Third and Fourth of Four Regional Plans
- Adapts Sully Regional Master Plan Concept
- Apply Regional Natural Resources Management Planning County-wide



**Fairfax County
Park Authority**
Natural Resource
Management Plan

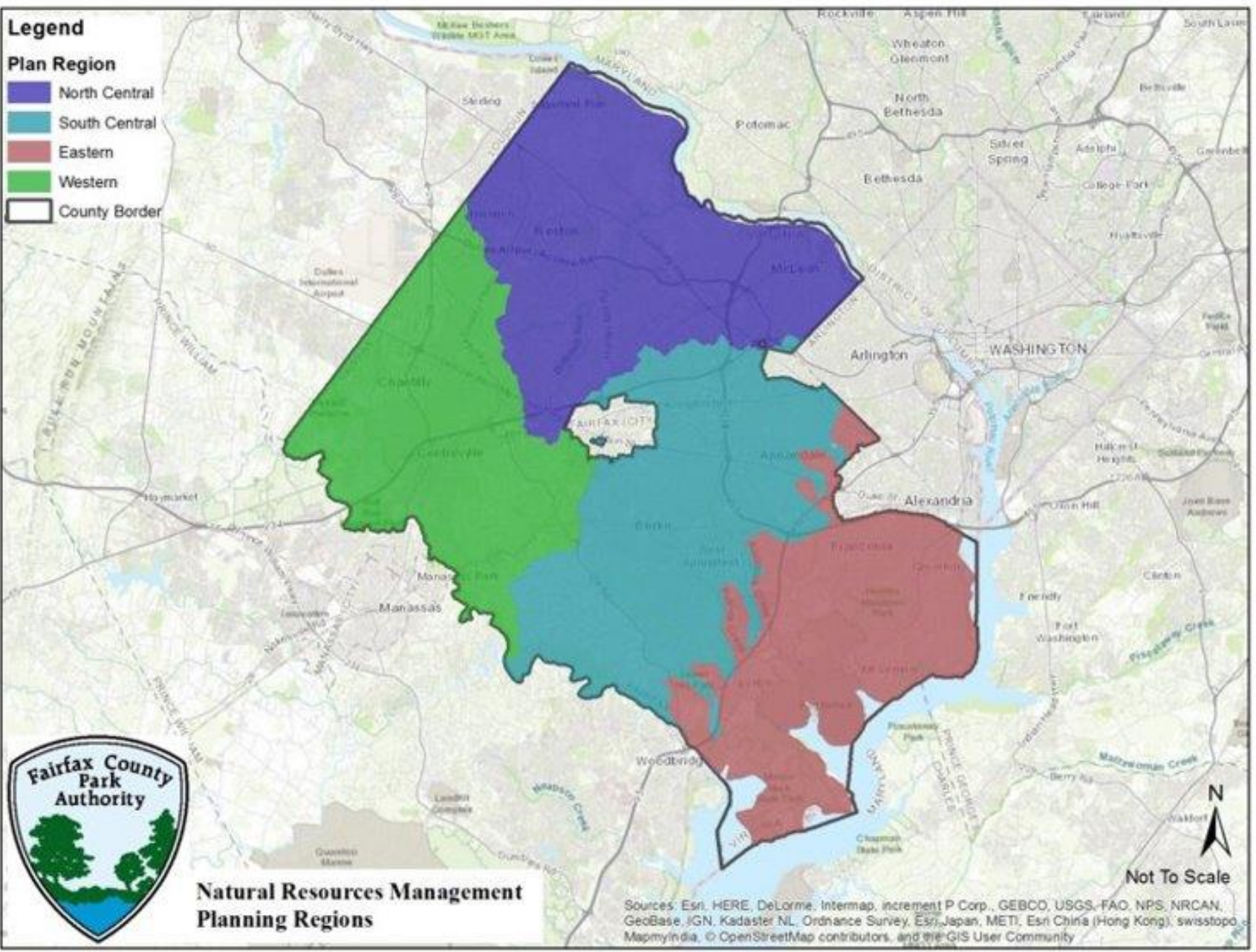
Fairfax County Park Authority
Natural Resource Management Plan



Legend

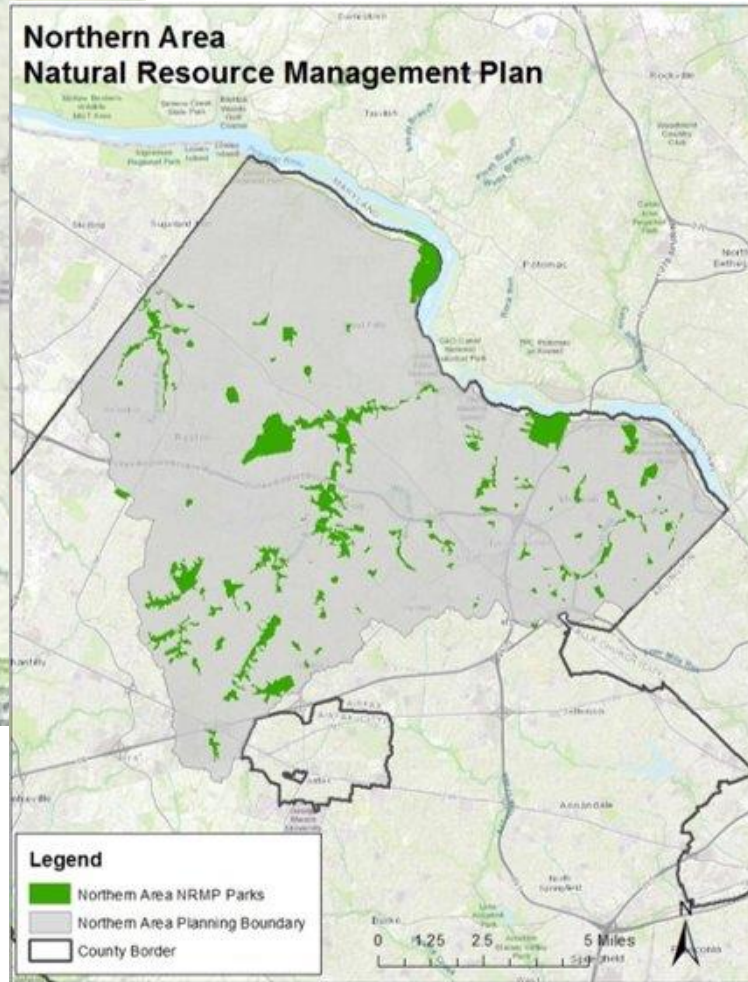
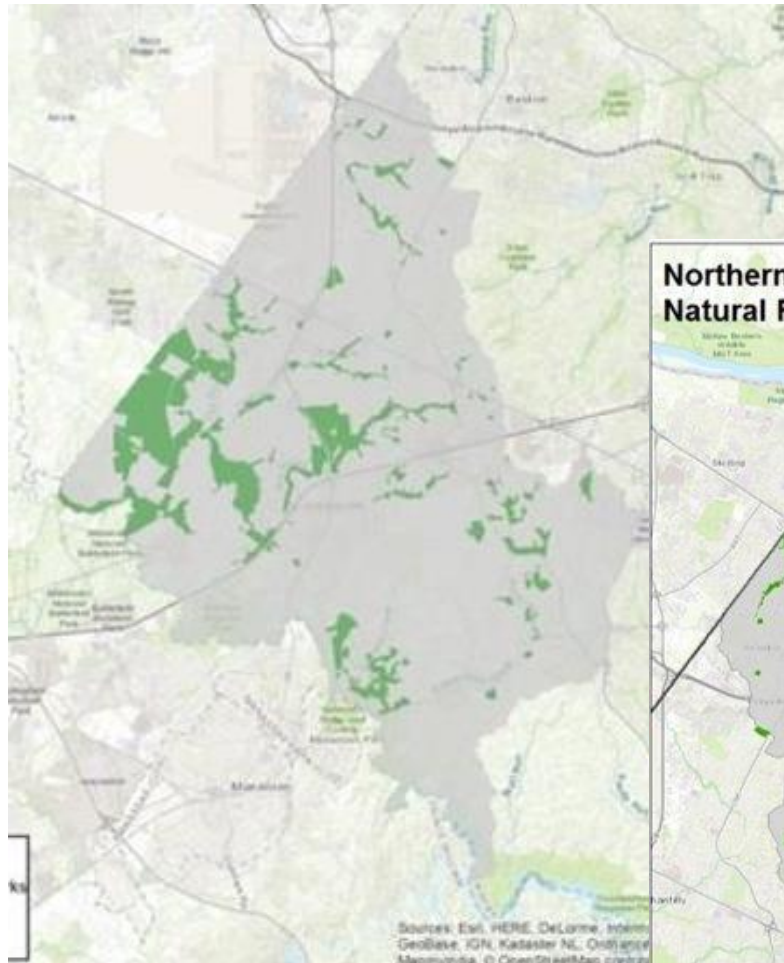
Plan Region

- North Central
- South Central
- Eastern
- Western
- County Border



Natural Resources Management Planning Regions

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri, Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

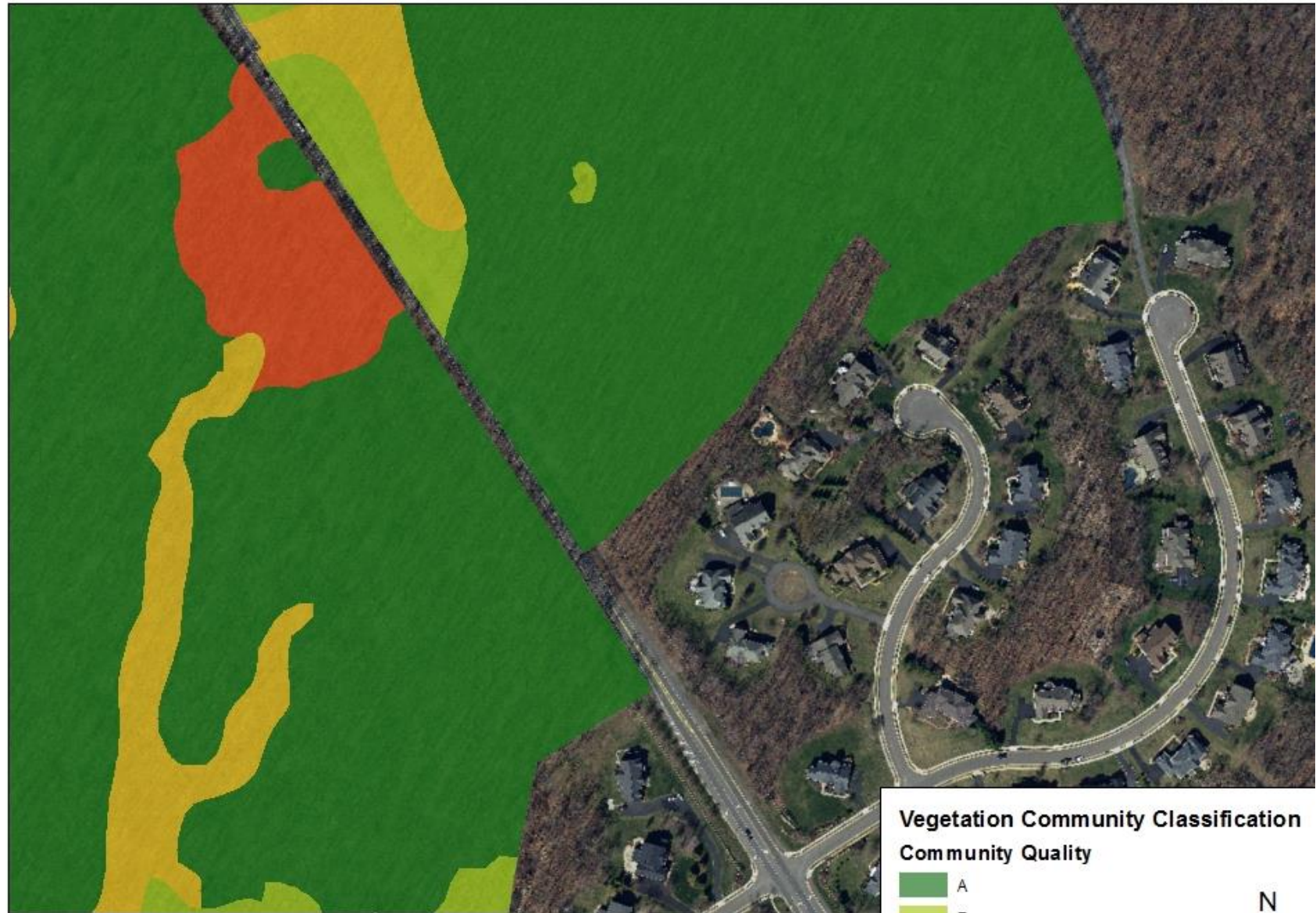


West and North

- Northern Area Plan forthcoming in spring 2023.
 - 98 Parks, 5000 acres
- Western Area Plan completed 2021
 - 54 Parks, 5550 acres
- Rare Species
- Restoration Opportunities
- Recommended Actions

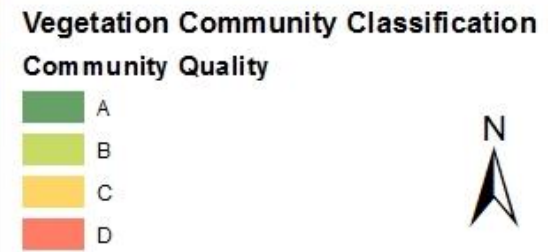
Vegetation Mapping

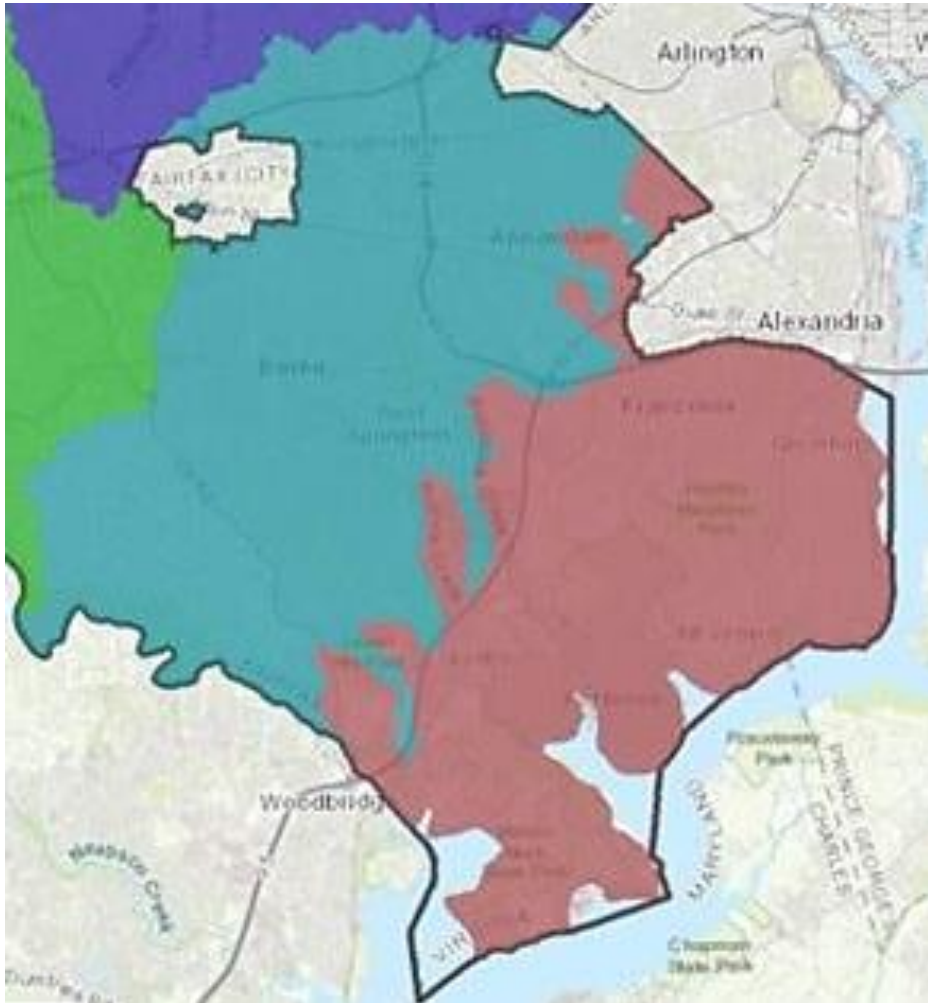
- Ecosystem Types
- Natural Area Health
- Restoration Opportunities



Elklick Preserve

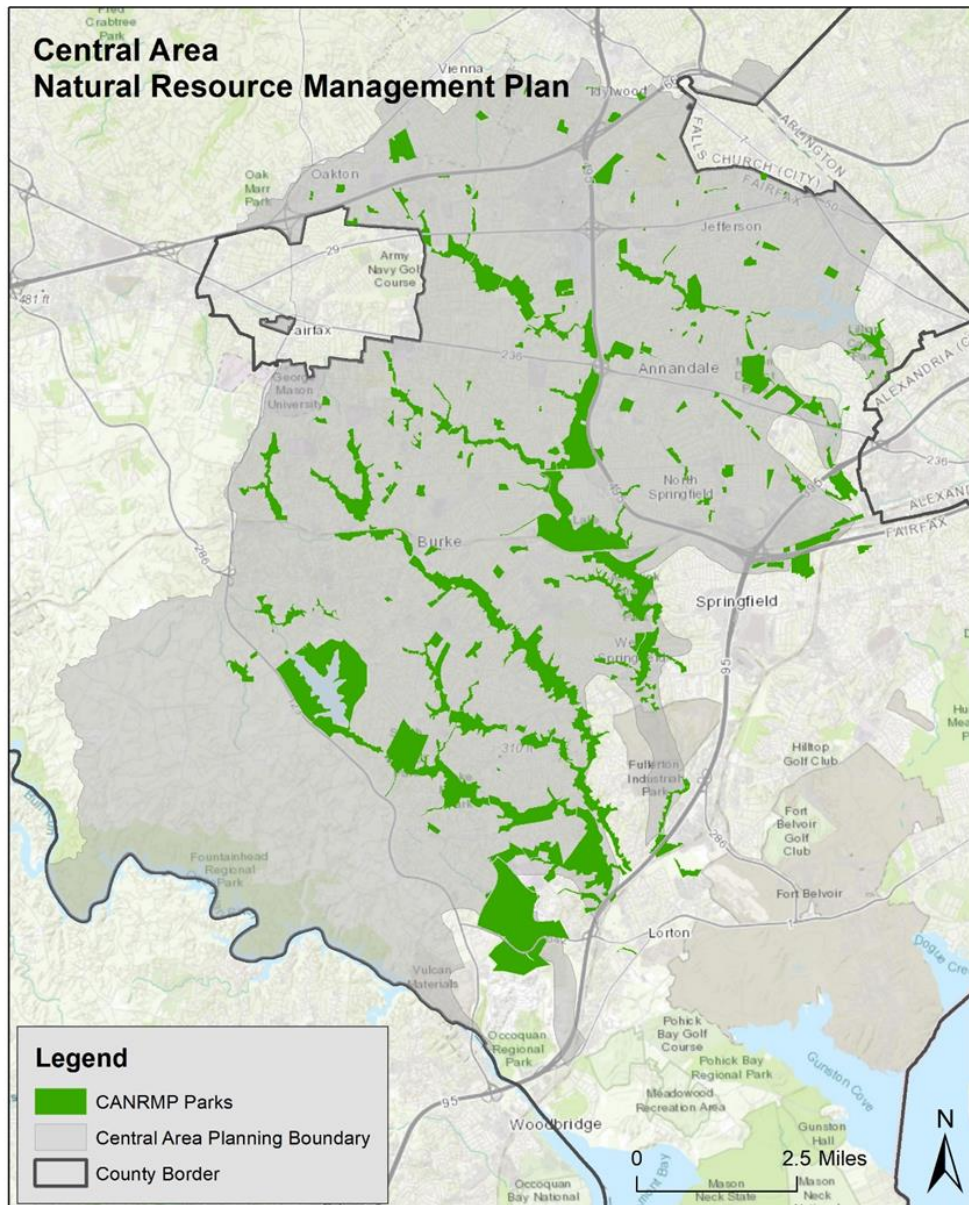
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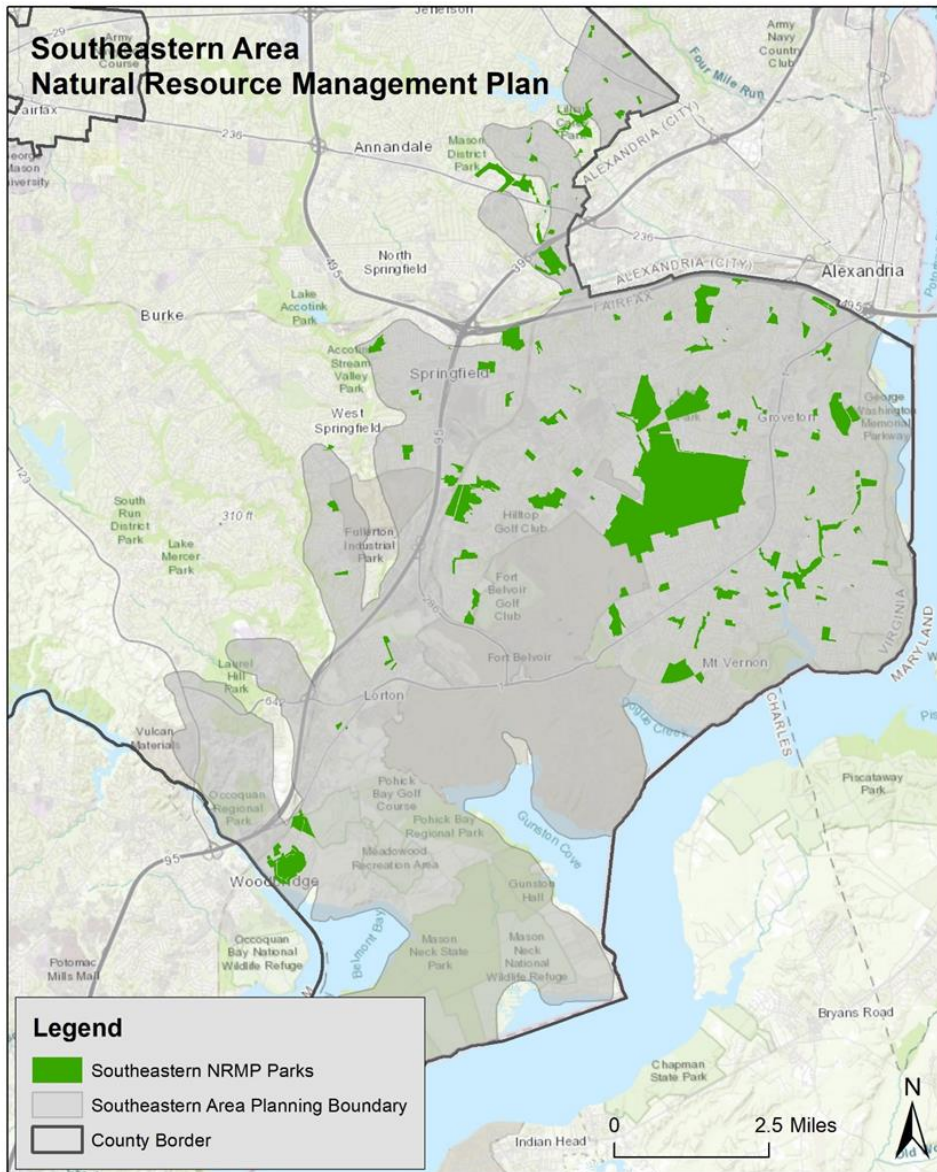
Central and Southeastern

- 3 years – Central
- 1 year – Southeastern
- Management & cost efficiencies
- (2) separate plans



Central Area Natural Resource Management Plan

- 150 Parks
- Ecological Surveys
 - 7700 Acres
 - Rare Resources
 - Unhealthy ecosystems
- Restoration Opportunities
- Recommended Actions



Southeastern Area Natural Resource Management Plan

- 97 Parks
- Ecological Surveys
 - 3600 Acres
 - Rare Resources
 - Unhealthy ecosystems
- Restoration Opportunities
- Recommended Actions

HOW WE TREAT THE LAND HAS LASTING IMPACTS



Restoration by Public Service

Questions?



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ACTION

Scope Approval – Helping Our Land Heal Forest Restoration Projects: Oak Marr Park (Providence District), Mason District Park (Mason District), and Huntley Meadows Park (Franconia District)

ISSUE:

Approval of the project scope to plan and implement Helping Our Land Heal (ecosystem restoration) projects at Oak Marr Park, Mason District Park and Huntley Meadows Park.

RECOMMENDATION:

The Park Authority Executive Director recommends approval of the project scope to plan and implement ecosystem restoration projects at Oak Marr Park, Mason District Park and Huntley Meadows Park to restore forest communities.

TIMING:

Board approval of the project scope is requested on April 26, 2023.

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 encompasses three separate forest restoration projects with one project occurring at each of the three parks. The scope complies with the master plans for each park and supports achievement of recommended actions in the Huntley Meadows Natural Resource Management Plan (2019). It also works towards 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.

The goals of the projects are to restore a total of 21.7 acres of native forest ecosystems at three parks:

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- 8.5 acres of forest at Oak Marr Park
- 4.4 acres of forest at Mason District Park
- 8.8 acres of forest at Huntley Meadows Park

Specific forest community types will be determined through site analysis during the project design phase.

The project areas proposed for restoration are identified in the Ecological Restoration Project Map, enclosed as Attachment 2.

The projects will commence in the first quarter of FY 2024 with an approximate duration of 60 months and anticipated completion date of June 30, 2028. Any surplus funds will be reinvested in one or more of the proposed ecological restoration projects or returned for reallocation to other projects.

FISCAL IMPACT:

Based on the scope cost estimate, funding in the amount of \$795,000 is necessary to conduct the project (Attachment 1). Funding is available in the amount of \$365,000 in PR-000076, Natural and Cultural Resource Stewardship-2016, Natural Capital Renovation/Natural Resource Management in Fund 30400, Park Bond Construction Fund; and \$430,000 is available in PR-000148, Natural and Cultural Resource Stewardship-2020, Natural Capital Renovation/Natural Resource Management in Fund 30400, Park Bond Construction Fund.

ENCLOSED DOCUMENTS:

Attachment 1: Cost Estimate for Helping Our Land Heal Forest Restoration Projects
Attachment 2: Map of Helping Our Land Heal Forest Restoration Projects
Attachment 3: Helping Our Land Heal Forest Restoration Projects Existing and Desired Conditions Photos

STAFF:

Jai Cole, Executive Director
Sara Baldwin, Deputy Director/COO
Aimee L. Vosper, Deputy Director/CBD
Laura Grape, Director, Resource Management Division
Kimberly Eckert, Director, Park Operations Division
Brendon Hanafin, Director, Planning and Development Division
Susan Kalish, Director, Marketing and Communications Office
John Burke, Manager, Natural Resources Branch
Nicole Mitchell, Manager, Waterfront Sites and Nature Centers Branch
Nicole Varnes, Financial Management Branch

**Helping Our Land Heal Forest Restoration Projects
Scope Cost Estimates**

Oak Marr Park

Project Administration	\$30,000
Site Design and Planning	\$25,000
Archaeology	\$15,000
Implementation, Establishment and Close-out	<u>\$200,000</u>

Oak Marr Subtotal: \$270,000

Mason District Park

Project Administration	\$17,000
Site Design and Planning	\$16,000
Archaeology	\$7,000
Implementation, Establishment and Close-out	<u>\$120,000</u>

Mason District Park Subtotal: \$160,000

Huntley Meadows Park


Project Administration	\$40,000
Site Design and Planning	\$36,000
Archaeology	\$15,000
Implementation, Establishment and Close-out	<u>\$274,000</u>

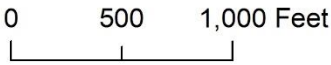
Huntley Meadows Park Subtotal: \$365,000

Total **\$795,000**



Legend


 Parks (Park Authority)

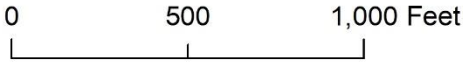


Oak Marr Park Forest Restoration



Legend


 Parks (Park Authority)

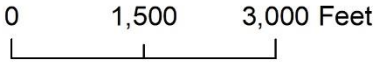


Mason District Park Forest Restoration



Legend

 Parks (Park Authority)



Huntley Meadows Park Forest Restoration

**Forest Restoration Projects:
Existing and Desired Conditions Photos**

Oak Marr Park

Existing Conditions: Invasive Wisteria vines preventing tree regeneration and pulling down mature trees around the edge of the forest openings. A stand of invasive bamboo dominating sections of the forest.



Mason District Park

Existing Conditions: Forest opening where tree regeneration is prevented by invasive plants and deer browse. A mortality event occurred in another section of the forest that killed a majority of *Quercus montana* (Chestnut Oak).



Huntley Meadows Park

Existing Conditions: Invasive porcelain berry vines preventing tree regeneration and pulling down mature trees around forest openings. A monoculture stand of invasive callery pear trees occupies a portion of the project location.



Desired Conditions:

Regenerating hardwood forest free of invasive vines, shrubs, trees or bamboo.



Helping Our Land Heal Forest Restorations

Oak Marr, Mason District and Huntley Meadows Park

FAIRFAX COUNTY PARK AUTHORITY BOARD MEETING

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Three Parks - Three Forest Restorations

- Problems
- Goals
- Solutions

- 21.7 Acres

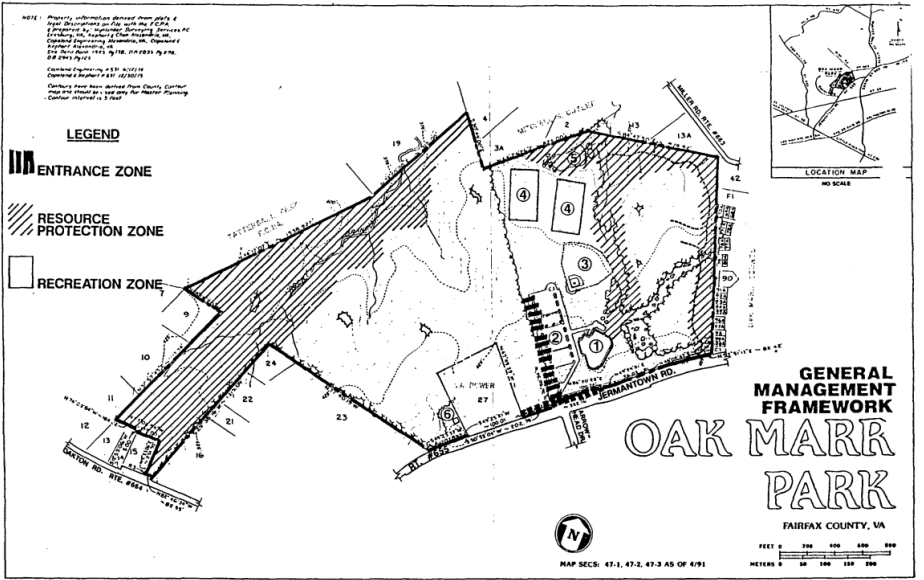


Background – Oak Marr

Master Plan (1993)

FCPA Natural Resource Management Plan (2018)

NVCC – ecosystem mapping (2021)



Oak Marr

1. 8.5 acres
2. Mixed terrestrial and palustrine forest
3. Potential Partners:
 - Flint Hill School
 - Dominion Energy





Need for Restoration – Canopy failure, Vines, Bamboo

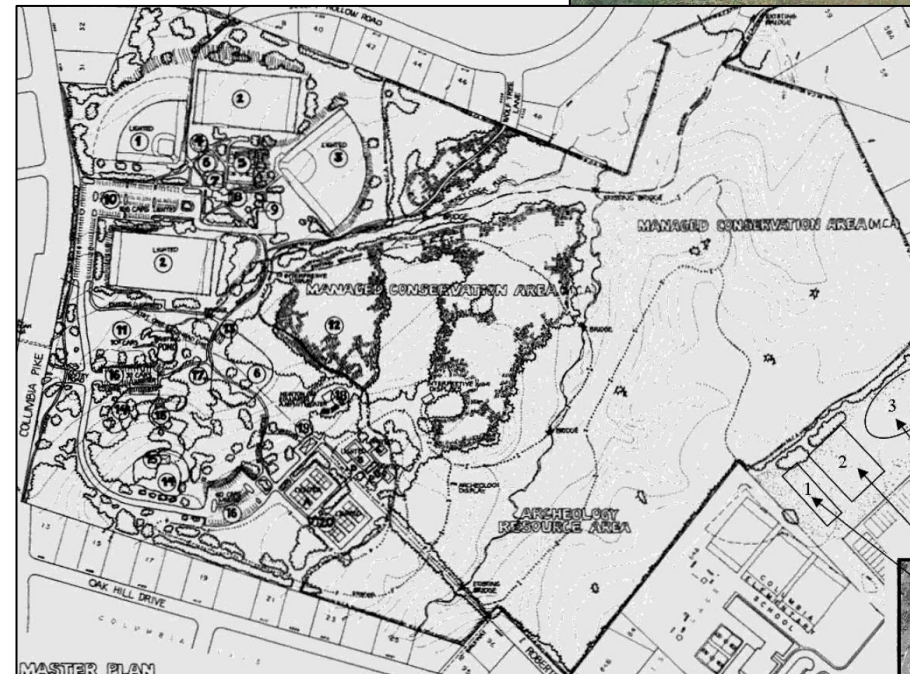
Background – Mason District Park

Master Plan (amended 2001)

FCPA Natural Resource Management Plan (2018)

IMA site (inactive)

DPWES – stream restoration



A Fairfax County, Va.
publication



Mason District Park

Proposed Project Areas:

1. 1.2 acres – oak mortality
2. 3.2 acres – canopy failure

Potential Partners:

- IMA program
- FC Urban Forest Management Division





Need for Restoration – Canopy failure, oak mortality

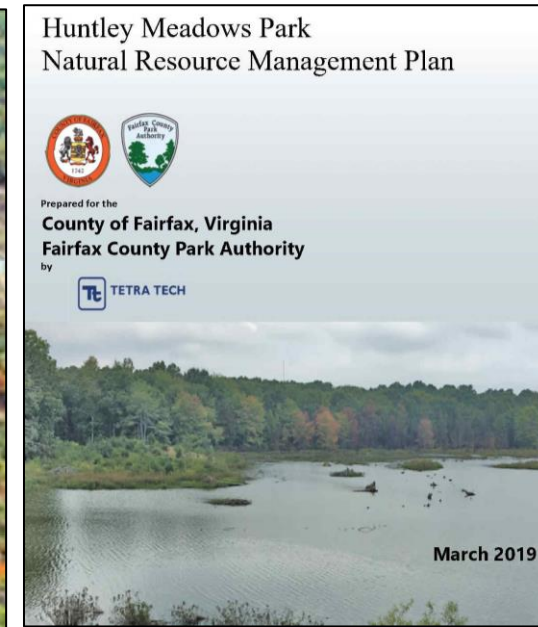
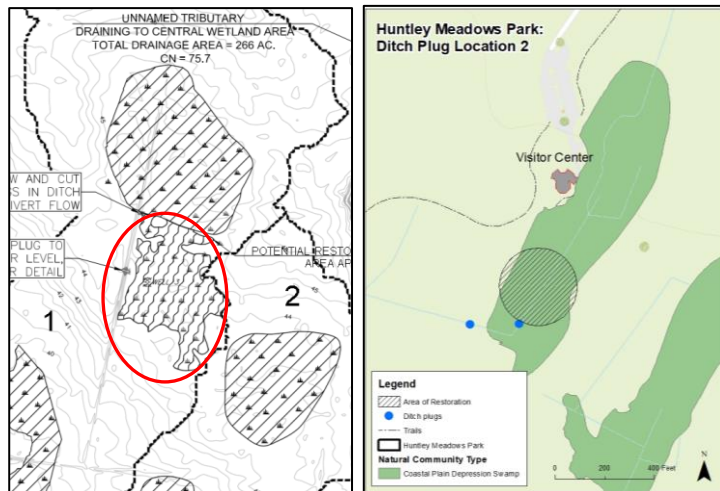
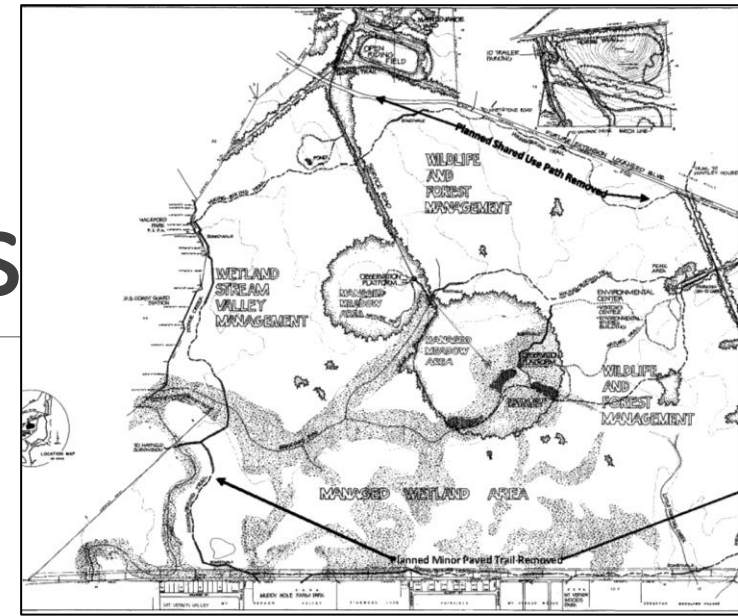
Background – Huntley Meadows

Master Plan (1978)

Central Wetland Restoration (2014)

Natural Resource Management Plan (2019)

Additional wetland restorations (2022)





Need for Restoration – Canopy failure, Vines, Callery Pear

Huntley Meadows Park

Proposed Project Areas

1. 4.0 acres
2. 4.8 acres

Potential Partners:

- DPWES



Forest Project Common Objectives

1. Investigate threats:
 - Invasive vegetation
 - Deer herbivory
 - Mortality events
2. Design and plan:
 - Target forest types
 - Invasive plant and deer control
 - Disease/pest prevention
3. Install next forest cohort:
 - Natural regeneration
 - Planting



Interim Conditions



Desired Final Conditions





Acknowledgements

- Park Authority Board
- Board of Supervisors

Questions?