



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, Director

FROM: David Bowden, Director
Planning and Development Division

DATE: October 2, 2014

Agenda

**Planning and Development Committee
Wednesday, October 8, 2014 – 5:30 p.m.**

Boardroom – Herrity Building

Chairman: Ken Quincy

Vice Chair: Michael Thompson, Jr.

Members: Linwood Gorham, Richard C. (Rip) Sullivan, Jr., Frank S. Vajda

1. Scope Approval – Playground Replacement and Related Work at Wickford Park – Action*
2. Capital Improvement Program (FY 2016-FY 2020) (*with presentation*) – Action*
3. Draft Master Plan for Bruin Park – Information*
4. Monthly Contract Activity Report – Information*
5. Closed Session
 - Land Acquisition

*Enclosures



This page intentionally left blank.

Board Agenda Item
October 22, 2014

ACTION

Scope Approval – Playground Replacement and Related Work at Wickford Park (Lee District)

ISSUE:

Approval of the project scope for design and installation of replacement playground equipment and related work at Wickford Park.

RECOMMENDATION:

The Park Authority Director recommends approval of the project scope for design and installation of replacement playground equipment and related work at Wickford Park.

TIMING:

Park Authority Board approval is requested on October 22, 2014, to maintain the project schedule.

BACKGROUND:

Wickford Park is a 7.5-acre park site located on Wickford Drive in the Wickford subdivision which is adjacent to Huntley Meadows Park (Attachment 1), in Lee District. This neighborhood park was master planned in the 1970s and developed with a multi-use court, picnic area, trails, natural areas, and the school-age playground (Attachment 2).

Since its installation in the early 1990s, most of the playground equipment has been repaired or partially upgraded, but has now exceeded its life expectancy and no longer meets current playground safety guidelines. As part of the equipment replacement, ADA access to the playground will be provided along with supplementary facilities including fencing, benches, and trash cans.

The Park Authority Board authorized a grouped playground replacement project on December 10, 2008. The Wickford Park project was identified as one of the priority locations for playground replacement as part of this grouped project. The 2012 Bond also includes \$1 million in funds for existing facility renovations (playground upgrades) for those sites identified in the initial priority list.

Board Agenda Item
October 22, 2014

A project team was assembled with representatives from the Park Operations, Resource Management, and Planning and Development Divisions to establish the project scope in accordance with the approved FY 2014 Planning and Development Division Work Plan. Park Operations staff will perform the necessary demolition in order to maximize the project funding. Staff anticipates that the playground equipment and related components will be designed and installed through the County's U.S. Communities Contract entitled "Playground Equipment, Surfacing, Site Furnishings, and Related Products and Services" that was established through an open-bid process.

The scope of work anticipated to replace the playground components at Wickford Park site includes:

- Playground equipment salvage and demolition
- Playground design and review
- Playground installation, safety surface, border, drainage and related amenities
- Accessible route reconstruction from the park's entrance at Wickford Drive to the playground.

The project scope cost estimate for designing and installing the playground equipment and related work at Wickford Park is \$144,750 (Attachment 3). The proposed timeline for completing the project is as follows:

<u>Phase</u>	<u>Planned Completion</u>
Scope	October 2014
Design	December 2014
Construction	March 2015

FISCAL IMPACT:

Based on the scope cost estimate, funding in the amount of \$144,750 is necessary to fund the project. Funding is available in the amount of \$92,500 in WBS/IO PR-000018-019, Building Renovation and Expansion, Grouped Playground Replacement, and in the amount of \$52,250 in WBS/IO PR-000091, Existing Facility/Renovations, Playground Equipment Upgrades, both in Fund 300-C30400, Park Authority Bond Construction, to fund the design and construction of this project.

ENCLOSED DOCUMENTS:

- Attachment 1: Location Map
- Attachment 2: Master Plan
- Attachment 3: Scope Cost Estimate

Board Agenda Item
October 22, 2014

STAFF:

Kirk W. Kincannon, Director

Cindy Messinger, Deputy Director/CFO

Sara Baldwin, Deputy Director/COO

Todd Johnson, Director, Park Operations Division

David Bowden, Director, Planning and Development Division

Timothy Scott, Manager, Project Management Branch

Mark Holsteen, Project Manager, Project Management Branch

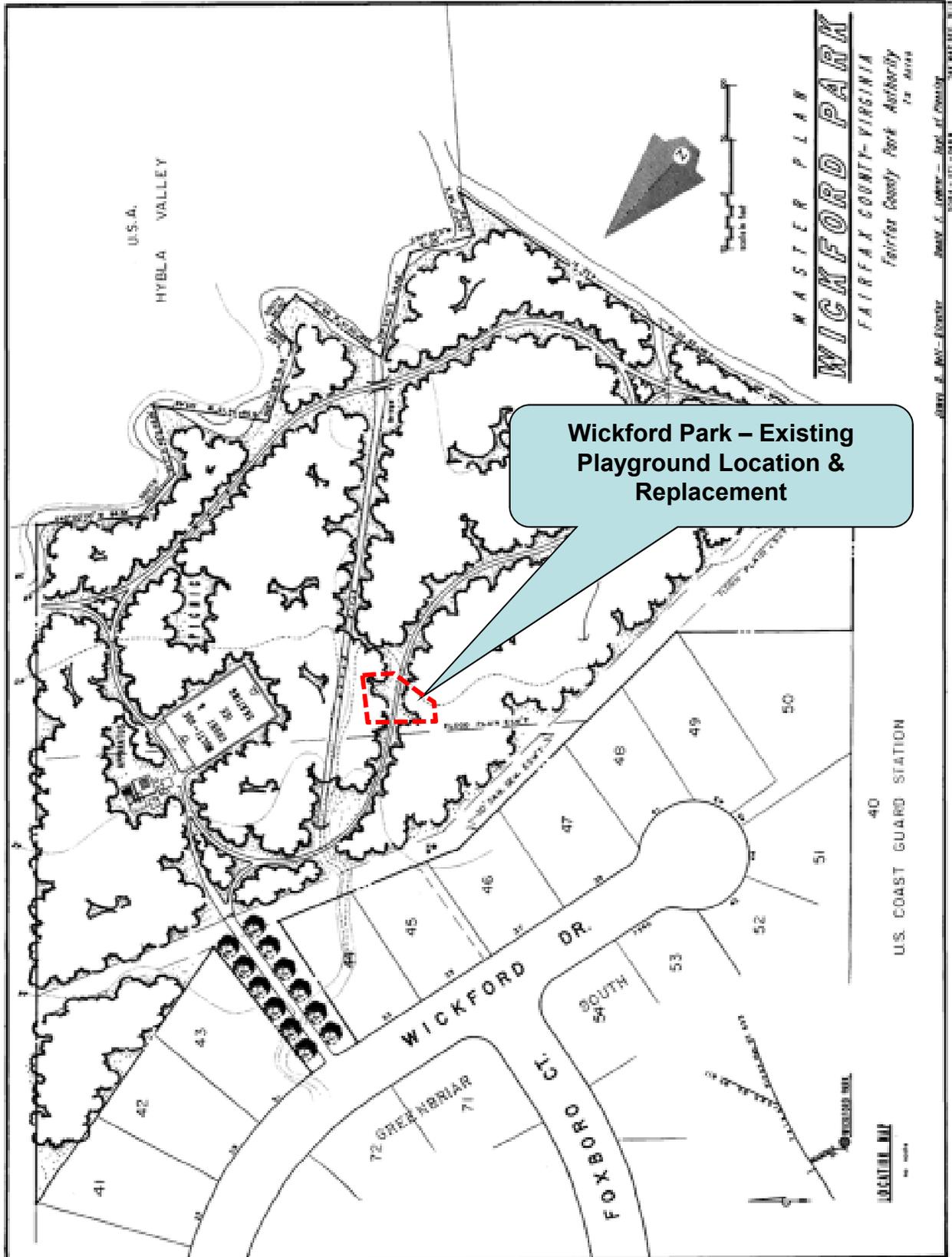
Janet Burns, Senior Fiscal Manager

Michael P. Baird, Manager, Capital and Fiscal Services

This page intentionally left blank.

This page intentionally left blank.

Attachment 2



Wickford Park - Existing
Playground Location &
Replacement

This page intentionally left blank.

SCOPE COST ESTIMATE

**Grouped Playground Replacement - Phase 4
Playground Equipment and Related Improvements at Wickford Park**

Scope & Design	\$	11,500
Permits	\$	-
Construction -		
Salvage/Demolition (Area & Mobile Crew); E&S Controls	\$9,150	
Install Play Equipment, Safety Surfacing, and Drainage	\$76,350	
ADA Accessible Route	<u>\$20,000</u>	
 Subtotal Construction	 \$	 105,500
Utilities	\$	-
Surveying/Engineering	\$	6,600
Contingency (10%)	\$	11,250
Administration (8%)	<u>\$</u>	<u>9,900</u>
 Total Project Estimate	 \$	 144,750

This page intentionally left blank.

Board Agenda Item
October 22, 2014

ACTION

Capital Improvement Program (FY 2016 - FY 2020) (with presentation)

ISSUE:

Approval of the submission of the Capital Improvement Program (FY 2016 - FY 2020) to the County's Capital Improvement Program review team.

RECOMMENDATION:

The Park Authority Director recommends approval of the submission of the Capital Improvement Program (FY 2016 - FY 2020) to the County's Capital Improvement Program review team.

TIMING:

Board action is requested on October 22, 2014, as the submission of the Capital Improvement Program (FY 2016 - FY 2020) was due on October 15, 2014, to the Department of Management and Budget.

BACKGROUND:

The Park Authority received the draft submission package for completing the Park Authority's Capital Improvement Program (CIP) (FY 2016 - FY 2020) from the Department of Management and Budget on August 28, 2014. Attachment 1 details the preliminary schedule for submission and review of the CIP. The Park Authority is one of several agencies that have been asked to brief the County Executive on our CIP program and project priorities.

Fairfax County has adopted the Principles of Sound Capital Improvement Planning as part of this CIP process (Attachment 2). These principles serve as the foundation for the CIP process, linking the process with the goals as articulated in the Policy Plan of the County Comprehensive Plan. The CIP will reflect not only the need for new facilities required to handle population increases but also incorporate planning and funding for maintenance, renewal and replacement of existing facilities. The principle of life cycle planning for all facilities is established with a commitment to invest in long-term infrastructure renewal and maintenance.

The county also adopted Criteria for Recommending Future Capital Projects in conjunction with the Principles of Sound Capital Improvement Planning (Attachment 3).

Board Agenda Item
October 22, 2014

These criteria serve as a guide for evaluating and prioritizing future capital projects to be included in the CIP. The intent is to formalize and standardize the CIP process using current best practices and accepted standards while maintaining a degree of flexibility to meet unforeseen or immediate needs. Application of these criteria will ensure that each project recommended for consideration by the Board of Supervisors supports the policy objectives of the Comprehensive Plan and identifies a basis for scheduling and allocation of resources. The objective is to ensure that the CIP reflects not only what is needed and when, but also what is possible and a commitment for completion.

The Park Authority Board adopted a needs-based 10-Year CIP that identified capital improvement needs valued at \$376,000,000 through 2013 in conjunction with the Principles of Sound Capital Improvement Planning. This value has increased to \$435,000,000 when indexed for inflation reflecting adjusted land values and escalating construction costs. Funding to implement the plan has primarily been in the amount of \$65,000,000 from the fall 2004 Park Bond Program, \$25,000,000 from the fall 2006 Interim Park Bond Program, \$65,000,000 from the fall 2008 Park Bond Program, and \$63,000,000 from the fall 2012 Park Bond Program totaling \$218,000,000. Staff has included language in the main body of the CIP indicating that an additional \$217,000,000 would be needed to fully fund the identified need. Additional language references that many park facilities are 20-30 years old and will need a significant reinvestment to prevent deteriorating conditions and functionality.

The main elements of this package to be included in the submission are the Fairfax County Park Authority Capital Program Description (Attachment 4) and the Project Cost Summaries (Attachment 5).

FISCAL IMPACT:

The Park Authority appropriation for the current fiscal year is \$79,558,020. This amount includes a current cash balance of \$1,745,920, and bond sales in the amount of \$77,812,100. All funds associated with the 1998, 2002, 2004, and 2006 program have been sold. A \$65,000,000 park bond was approved as part of the fall 2008 Bond Referendum. Bond sales to date total \$50,187,900, leaving a balance of \$14,812,100 associated with the fall 2008 program. In addition, a \$63,000,000 park bond was approved as part of the fall 2012 Bond Referendum. The full complement of \$63,000,000 from the 2012 program was appropriated as part of the FY 2013 Third Quarter; no bonds from this program have been sold.

ENCLOSED DOCUMENTS:

Attachment 1: The CIP Calendar

Board Agenda Item
October 22, 2014

Attachment 2: Principles of Sound Capital Improvement Planning
Attachment 3: Criteria for Recommending Future Capital Projects
Attachment 4: Fairfax County Park Authority Capital Program Description
Attachment 5: Project Cost Summaries

STAFF:

Kirk W. Kincannon, Director
Cindy Messinger, Deputy Director/CFO
Sara Baldwin, Deputy Director/COO
David Bowden, Director, Planning and Development Division
Janet Burns, Senior Fiscal Administrator
Michael Baird, Capital and Fiscal Services

This page intentionally left blank.

THE CIP CALENDAR

October 2014	Departmental Meetings (Including Park Authority) with County Executive and CIP submission due to DMB
December 2014	CIP Recommendations discussed with County Executive
January/February 2015	CIP decisions and draft documents shared with agencies
Late February 2015	Advertised CIP released with Advertised Budget
March 2015	Formal Presentations to the BOS and PC; Public Hearings with PC
April 2015	Presentations and Public Hearings with BOS
Late April	CIP Adoption

This page intentionally left blank.

Capital Improvement Programming

Principles of Sound Capital Improvement Planning

1. The Board of Supervisors' goals and the adopted Comprehensive Plan, specifically the Land Use Plan and the Policy Plan, are the basis for capital planning in Fairfax County. The Capital Improvement Program (CIP) shall execute the goals and objectives of the adopted Comprehensive Plan for Fairfax County.
2. Pursuant to Section 15.2-2239 of the Code of Virginia, the Planning Commission shall review and recommend annually the County's Capital Improvement Program based on the adopted Comprehensive Plan for the consideration of the governing body. Public participation in the CIP process is essential and shall continue to be encouraged.
3. Criteria consistent with the Comprehensive Plan, and with the principles stated herein, shall be established to guide the selection and prioritization of CIP projects.
4. The development of the CIP shall be guided by the principles of life cycle planning to ensure that long-term maintenance, renewal and replacement requirements are adequately addressed to protect the county's investment and maximize the useful life of facilities. The county shall allocate an appropriate amount of its general operating, special revenue, enterprise and other funds to finance ongoing infrastructure maintenance, renewal and replacement of facilities. Facilities are defined to include all fixed installations constructed and/or maintained with public funds, including buildings and structures, utilities and related improvements.
5. The CIP shall include the fiscal impact of each project and identify unfunded capital requirements to adequately anticipate resource requirements and capacity to provide services beyond the planning period.
6. The CIP shall support the county's efforts to promote economic vitality and high quality of life. The CIP should recognize the revenue generating and/or cost avoiding value of making public infrastructure improvements to spur private reinvestment and revitalization in support of county land use policy.
7. The CIP shall support the county's efforts to encourage the development of affordable and effective multi-use public facilities as feasible.
8. The CIP shall be developed to provide facilities that are cost effective, consistent with appropriate best practice standards, community standards and expectations of useful life.
9. The County will endeavor to execute the projects as approved and scheduled in the CIP. Value Engineering principles will continue to be applied to appropriate capital projects. Changes in project scope, cost, and scheduling will be subject to close scrutiny.
10. The CIP shall be guided by the county's adopted Ten Principles of Sound Financial Management.

This page intentionally left blank.

Criteria for Recommending Future Capital Projects

The following criteria shall be applied to future capital projects in order to establish a relative priority for beginning and completing projects. These criteria are intended to guide decision making and may be adjusted as necessary. All capital projects must support the goals established by the Board of Supervisors and the adopted Comprehensive Plan and conform to specified standards mentioned in the Plan. Other county or best practice standards may be cited so long as they are not in conflict with the Comprehensive Plan or Board directives.

All capital projects within the 5-Year CIP period are not ranked, as funding is approved or anticipated. Future projects are categorized based on priority and recommended for appropriate funding sources (i.e., general funds, bonds, special revenue funds, other funds) according to their criticality or other standards as recommended by the staff, School Board, Planning Commission, or other advisory body. Actual project commencement and completion are subject to identification of resources and annual appropriation by the Board of Supervisors.

1

Immediate: *Projects may be moved to the 5-year plan within a year.*

Examples of such projects may exhibit the following criteria:

- Eliminate an immediate threat to personal and public safety.
- Alleviate immediate threats to property or the environment.
- Respond to a court order or comply with approved Federal or State legislation.

2

Near Term: *Projects may be moved to the 5-year plan within 2–3 years.*

Examples of such projects may exhibit the following criteria:

- Have significant Federal/State commitment or significant private sector investment.
- Preserve existing resources or realize significant return on investment.
- Preserve previous capital investment or restore capital facilities to adequate operating condition.
- Respond to Federal or State mandates in compliance with extended implementation schedules.
- Generate significant revenue, are self supporting, or generate cost avoidance (return on investment and/or improved efficiency).
- Alleviate existing overcrowded conditions that directly contribute to the deterioration of quality public services.
- Generate private reinvestment and revitalization.
- Have significant public expectations as demonstrated by development proffers or other Board action.
- Support the county's efforts to encourage development of affordable and effective multi-use public facilities.

3

Long Term: *Projects may be moved to the 5-Year plan within 4–5 years.*

Examples of such projects may exhibit the following criteria:

- Accommodate projected increases in demand for public services and facilities.
- Maintain support for public services identified by citizens or appointed Boards and Commissions as a priority in furtherance of the goals and objectives established by the Comprehensive Plan.
- Meet new program goals or respond to new technology.
- Fulfill long term plans to preserve capital investments.

4

Future Projects: *Projects that are anticipated, but not yet scheduled.*

This page intentionally left blank.

Fairfax County Park Authority

PROGRAM DESCRIPTION

The Fairfax County Park Authority (FCPA) is directed by a twelve-member board appointed by the county Board of Supervisors. One member is appointed from each of the county's nine supervisor districts, and three are appointed at-large. Since its establishment in 1950, the Authority has acquired 23,310 acres of parkland, including 425 individual parks. In the past, most of the funds to carry out capital acquisition and improvements were provided through bond referenda. Currently, more than half of the Park Authority operating funds are raised by revenue-producing facilities in the system; additional funding for the operation and maintenance of parks is appropriated annually by the county Board of Supervisors. Grants from the state and federal government supplement funds on a limited basis; however, gifts and donations from individuals, community organizations, corporations and foundations are an increasingly important source of funding for community improvements.

LINK TO THE COMPREHENSIVE PLAN

Fairfax County's Comprehensive Plan has established a number of objectives and policies in order to:

- ✓ Identify and serve park and recreation needs through an integrated park system that provides open space, recreational services and facilities and stewardship of natural and cultural resources.
- ✓ Protect appropriate land areas in a natural state to ensure preservation of significant and sensitive natural resources, and protect and preserve significant cultural resources on parklands.
- ✓ Provide for current and future parks and recreational needs through development of new and existing sites and the optimal use of all existing facilities, including Fairfax County Public Schools.
- ✓ Ensure the long-term protection, preservation and sustainability of park resources.
- ✓ Ensure the mitigation of adverse impacts to park and recreation facilities and service levels caused by growth and land development.
- ✓ Utilize the Urban Parks Framework to encourage developers to cooperatively develop and maintain publicly accessible urban parks, connective trails, park amenities and active recreation facilities in Tysons and other designated mixed-use centers.

Source: 2007 Edition of the Fairfax County Comprehensive Plan, Policy Plan Element, Parks and Recreation Section, as amended

CURRENT PROGRAM INITIATIVES

The Park Authority acquired 49 acres of land in FY 2014 for a total of 23,310 park acres which equates to over 9.2 percent of the land mass of Fairfax County. There were eight land acquisition activities that resulted in additional Park Authority land. Six parcels were acquired through property investigation and negotiation with the owners which resulted in a half-acre addition Historic Centreville Park, a 25-acre

addition to Lincoln Lewis Vannoy Park, and a 5-acre addition to Lake Fairfax Park. Two properties were acquired through the development plan review process, transfer dedications and proffered dedications including a dedication of approximately .8 acres in the Little Difficult Run Stream Valley Park and the proffered, 17-acre, fully developed Sully Highlands Park. The current Land Acquisition Work Plan programs the expenditure of funds authorized by the 2008 and 2012 Park Bond Referenda.

One of the Park Authority's primary objectives over the CIP period is to complete construction already begun in county parks and to upgrade the various athletic fields and courts maintained by the Park Authority. An objective is also to sustain existing parks, facilities and natural resources. Another major objective is to continue land acquisition and work toward meeting the acreage standard established for acquisition of developable parkland. The agency has been challenged to acquire an additional 1,970 acres of land, which would ensure that 10 percent of the total county landmass, or a total of 25,280 acres, are held as county parks. Many park facilities are 20-30 years old. Without a significant reinvestment in building and park infrastructure and facilities many of these older parks will fall into a state of deteriorating condition and functionality and repair/operating costs will increase. Current active projects include the expansion of Spring Hill RECenter to provide a larger fitness center, additional multipurpose rooms, and a new 20,500 square foot gymnasium; Twin Lakes Golf Course renovation of 56 sand bunkers, construction of a new practice green and renovations to the chipping green; Audrey Moore RECenter Natatorium improvements that consist of the replacement of the corroded structural steel members and the existing window system along the west wall of the natatorium; the Lake Fairfax Park Water Mine expansion that will include an active spraypad, a tot spraypad, two tall water slides and a secondary bathroom building.

Recently completed improvements include:

- Luria Park – Steel Pedestrian Bridge and Boardwalk Improvements. This project replaces a section of wood boardwalk and bridge, which were in a degraded condition, with a more sustainable structure including 40 linear feet of new boardwalk and a new 60' prefabricated steel pedestrian bridge. The bridge along with the new boardwalk will better withstand the extreme flood conditions present in the Holmes Run Stream Valley.
- Turkeycock Run Stream Valley repairs at Green Spring Garden – restoration improvements to stabilize approximately 1,500 linear feet of stream valley that was damaged as a result of Tropical Storm Lee in September 2011.
- Oak Marr RECenter Fitness Expansion and Renovation Project. Expansion includes a 12,500 square foot new addition and 5,700 square foot renovation of the existing facility. The existing building renovation updated the existing lobby, administration area, and relocated the building entry to improve building access as well as included short term child care facility. The building addition includes a two story fitness center and three new multi-purpose rooms.
- Sully Highland Park – Athletic Fields – Project included the construction of two lighted full size rectangular synthetic turf fields constructed as a continuous sheet of synthetic turf to allow the field to accommodate a cricket pitch, two irrigated natural turf 60 foot diamond fields, and one irrigated natural turf 90 foot diamond field. The facility also includes a 270-space parking lot, and bioretention stormwater management facility.
- Sully Historic Site, Visitor Center – Installation of a new modular visitor's center and supporting infrastructure. The visitors center will welcome guest to the popular site as they arrive serving as a gathering place and accessible building allowing visitors to easily obtain information about the historic house and grounds while providing a point of orientation to the Sully historic core area. The visitor center includes a large space for museum gift shop merchandise, food and drink sales, restrooms, and a conference room for meetings.
- Lewinsville Park – Synthetic Turf / Athletic Field Lighting – Converted existing natural turf field #2 to synthetic turf and replaced the synthetic turf on field #3. Both fields were reoriented and new athletic field lighting installed. Enhanced stormwater controls and measures were installed including a bio-retention facility, a bio-swale, soil augmentation around the fields and a reforestation area.
- Pinecrest Golf Course – Irrigation System Replacement – Project consist of designing and installing a new irrigation system to include new main, lateral and station piping, valves and boxes, sprinkler heads and quick couplers, control wire, controllers, and new pump equipment and controls.

- Lee District Park – Chessie’s Big Back Yard- Nautical Cove Accessible Playground – Is the second phase of a fully accessible playground that serves children ages 2 – 5. The playground includes Chessie the Monster, a Pirate Ship, Lighthouse and Sand Castle and fully accessible rubber surfacing. Sound effects and visual elements are embedded in the equipment and surfacing to enhance play value.
- Huntley Meadows Park – Wetland Restoration – Project included design and construction of an impoundment structure to return the central wetland back to hemi-marsh and expand the footprint of the wetlands. Constructed features include a water containment structure, water control structure, access road/pedestrian trail, habitat pools, wetland plantings and related site work.
- South Run Park- Parking Lot Improvements – Design and construction of 144 new parking spaces and renovation of 121 existing spaces for a total of 265 spaces serving the athletic fields. Storm water management facilities, trails, landscaping and other supporting infrastructure were provided as part of the project. DPWES partnered with the Park Authority for the design and construction of new and retrofitted LID stormwater management facilities.

The Park Authority Board approved three master plans/master plan revisions during the past fiscal year for Baron Cameron, McLean Central, and Westgrove. The Great Parks, Great Communities comprehensive park plan adopted in 2011 creates a series of district-based park plans. This plan provides a comprehensive planning framework for parks within each district, applying countywide service level standards, trail plans and resource management initiatives. The Great Parks, Great Communities Plan is available for download on the project web site, <http://www.fairfaxcounty.gov/parks/plandev/greatparks>.

The implementation of the Laurel Hill Master Plan is proceeding. An extensive feasibility analysis of the Sportsplex was completed and options for funding continue to be explored. Development of Phase I of the equestrian area in Laurel Hill is underway. An area-wide signage and way finding plan is nearly complete and a cultural resource study for the Laurel Hill House was completed as well as a historic landscape study of its gardens. Further archeological work at the site is anticipated. Improvements to the Laurel Hill Greenway portion of the Cross County Trail continue to be made. Maintenance and land management activities continue to be provided.

A large portion of Fairfax County Park Authority projects are supported by General Obligation Bonds. Park Bond referenda were approved in November 2004, 2006, 2008, and 2012 totaling \$218 million. The completion of the 2004 Park Authority Needs Assessment Study resulted in a phased 10-year Capital Improvement Plan. The foundation of this plan is based on data gathered on citizen demand, population growth and leisure trends. In 2004, the Fairfax County Park Authority Board adopted a 10-year needs-based Capital Improvement Plan that identifies new recreational facilities, renovation and land acquisition capital projects through the year 2013 that were projected to cost \$376 million. The \$376 million has been inflated to \$435 million to reflect the increasing prices of land for acquisition and escalating construction costs. Funding to meet this identified 10-year need has primarily been in the amount of \$65 million from the fall 2004 Park Bond Referendum, \$25 million from the fall 2006 Interim Park Bond Referendum, \$65 million from the 2008 Park Bond Referendum, and \$63 million from the Fall 2012 Park Bond Referendum. The Park Authority would require an additional \$217 million in order to fully fund the identified needs. It is important to note that the additional \$217 million needed would only meet the identified capital need



‘Our Special Harbor’ splash-ground located in Franconia in Lee District was designed and built by the Joey Pizzano Memorial Fund and operated by the Fairfax County Park Authority.

for new park facilities and major renovation of existing facilities identified through 2013. An update to the Needs Assessment has been initiated to determine countywide capital park and recreation needs through 2023. Based on continual facility condition assessments, growing and shifting community needs and expectations, an ever increasing amount of funding will be needed for capital maintenance of aging park assets in order to maximize the life of the existing facilities and to develop new facilities.

In addition, to fund additional facilities and land acquisition, funding will be necessary to operate, support, sustain and protect future years of County investment in existing facilities. As the county's largest landowner, the Park Authority's stewardship responsibility is documented in its Natural Resource Management Plan (NRMP) and Cultural Resource Management Plan (CRMP). These plans identify issues, strategies and projects to protect County parkland and valuable natural and cultural resources. This effort meets the County's Vision of Practicing Environmental Stewardship and is supported in the Board of Supervisors' Environmental Agenda. In addition, the Park Authority is charged with stewardship of all county cultural resources. These plans contain critical strategies for preventing the degradation of resources that cannot be reclaimed once lost.

The Park Authority also recently automated its asset tracking and maintenance scheduling system that relates to a Park Facility Condition Assessment and Lifecycle Replacement Schedule. This system is utilized to efficiently manage facility repairs and develop long-range facility life cycle plans, as well as aid in the forecasting of future capital renovations.

On June 26, 2013, the Park Authority Board approved the FY 2014–FY 2018 Strategic Plan and Balanced Scorecard. The Strategic Plan is a tool to enable the agency to focus on the most pressing concerns and opportunities over the next five years. In light of increasing demands and limited or shrinking resources, it is more important than ever that priorities be strategically determined. Key focus areas include:

- ❖ Emphasizing and communicating the park systems value and benefits
- ❖ Encouraging park users to utilize the park system from generation to generation
- ❖ Inspiring tomorrow's stewards
- ❖ Investing in aging infrastructure and natural capital
- ❖ Strengthening community partnerships
- ❖ Stabilizing funding resources and prioritize core services
- ❖ Building leadership capacity to champion innovative solutions

Using the Balanced Scorecard approach and input from park leadership, staff, stakeholders, and the general public, the strategic plan is structured around four important perspectives: Customer, Financial, Business Process and Learning and Growth.

During the last two years, a deliberate focus on fiscal sustainability resulted in the adoption of the Financial Sustainability Plan. This Plan focuses on the evaluation of core services and options and opportunities for improving the overall cost recovery of the whole organization. The Plan contains clearly defined recommendations that when collectively implemented will position the Authority to reach a cost recovery target that is greater (more self-sufficient) than the present day one. In addition to the focus on sustainable operations, capital investment in our facilities and stewardship efforts are also significant to future growth and sustainability

CURRENT PROGRAM INITIATIVES

1. **Americans with Disabilities Act (ADA) Compliance** (Countywide): This is a continuing project to address ADA Compliance measures throughout county parks. The Park Authority has retrofitted existing park facilities and continues to retrofit parks in priority order so that park facilities, programs, services and activities are readily accessible to individuals with disabilities. It should be noted that in May and June 2007, the United States Department of Justice (DOJ) conducted an audit of the county government facilities and programs to determine compliance with the Americans with Disabilities Act (ADA). The DOJ presented the county with the audit results in August 2009. The audit covered 78 buildings in the county and listed approximately 2,100 violations as well as approximately ten program areas which needed improvement in order to comply with the ADA. These violations ranged from updating emergency management procedures, web-based services, and general communication procedures, to improving access to buildings, parking garages, restrooms and elevators. Identified violations have been categorized by color: easy, inexpensive (green); more timely and costly (yellow); and difficult, time consuming, and/or expensive (red). FY 2016 funding of \$1,840,000 is provided to continue to address identified deficiencies. Funding for violations associated with county buildings and facilities has also been included in FY 2016 and is detailed in the Facilities Management and Capital Renewal section of this document.

2. **Park General Maintenance** (Countywide): This is a continuing project to address Park Authority general maintenance requirements at non-revenue producing parks, including plumbing, electrical, lighting, security/fire systems, sprinklers and HVAC. In addition, this project funds roof repairs and structural preservation of park historic sites. The facilities maintained include, but are not limited to rental properties, historic properties, nature centers, maintenance facilities, sheds, shelters and office buildings. Park priorities are based on the assessment of current repair needs including safety and health issues, facility protection, facility renewal and improved services. Priorities are based on an assessment of current repair needs associated with safety and health issues, facility protection, facility renewal and improved services. This program also provides for the stabilization of newly acquired structures and emergency repairs as needed at these facilities.
3. **Park Facility/Equipment Maintenance** (Countywide): This is a continuing project to address routine repairs in non-revenue producing Park Authority buildings and to provide routine and corrective maintenance of Park Authority structures and the equipment fleet required to manage these facilities. Facility maintenance includes routine and preventive maintenance such as carpentry, plumbing, electrical HVAC, security and fire alarm systems at park sites. Equipment needs include routine and preventative maintenance on operating equipment and the need to purchase aging equipment such as mowers, tractors, utility vehicles and heavy construction equipment.
4. **Park Grounds Maintenance** (Countywide): This is a continuing project to provide for routine preventative and corrective grounds maintenance at non-revenue producing parks throughout the park system on park roads and parking lots, irrigation systems, bridges, playgrounds, picnic areas, tennis courts and trails.

2004 Park Bond Program:

5. **Athletic Fields** (Countywide): \$8,633,000 to renovate existing fields, add lighting and irrigation systems to existing fields, and to acquire new synthetic turf fields in order to enhance the quality of the play experience and to ultimately increase field capacity. The 2004 Bond included approximately one dozen new rectangular fields and one new diamond field, plus extensive field lighting and irrigation projects. Completed projects include the replacement of 12 athletic field irrigation systems at Lee District, Mason District, Nottoway and Wakefield Park; lighting projects included the installation of two new lighting systems at Lincoln Lewis Vannoy, and one new lighting system at Lewinsville, plus the demolition and replacement of six lighting systems at Baron Cameron, Martin Luther King Jr. and Nottoway Parks. Patriot Park phase I is completed and includes a soccer field complex, 120-space parking lot, three lighted synthetic turf micro-soccer fields, trails, site lighting and landscaping. Hutchinson School Site Phase II includes a lighted synthetic turf field, lighted parking lot and an ADA-accessible trail.
6. **Building Renovations and Expansion** (Countywide): \$23,029,000 to repair roofs and mechanical equipment, make mandated repairs to dams, replace worn out equipment and remodel facilities for improved space utilization. This was the largest single category in the 2004 Bond and includes core renovations of \$6 million at Lake Fairfax. Other items in this category include RECenter improvements and replacement of aging equipment, flooring and an elevator, replacement of existing equestrian facilities at Frying Pan Park, as well as dam repairs at Lake Accotink Park. Completed projects include multiple RECenter facility HVAC and roof improvements; elevator repairs at Audrey Moore RECenter; golf course irrigation improvements at Greendale, Pinecrest, and Jefferson; electrical upgrades at Lake Fairfax Park Campground "A" to bring the campground up to current code and to accommodate the electrical needs of modern RV's; and Lake Accotink Dam Repairs consisting of structural repairs to the concrete dam and stilling basin and replacement of wood flashboard system.
7. **Community Park/Courts** (Countywide): \$9,580,000 for phased development of several new and existing community parks throughout the county to include passive and active types of recreational facilities. This category includes funding for playgrounds throughout the county, for the Mastenbrook Matching Fund Grant Program and for the creation of community skate parks. Funding of \$3 million is provided for various projects at Laurel Hill. Ossian Hall Park Phase I was recently completed and includes a visible trail network connected to three new park entrance nodes with enhanced signage.

A Commemorative Sundial, including a stone dust pad, sundial pedestal, security cabinet, planters, ornamental fencing and an ADA accessible stone dust trail was installed at Turner Farm Observatory Park. Additional improvements include an equestrian riding ring and related facilities at Turner Farm Park.

2006 Park Bond Program:

- 8. Trails and Stream Crossings** (Countywide): \$5,000,000 to further develop a countywide comprehensive trail network including funding the design and construction of additional enhancements to the Cross County Trail (Phase II), stream valley trails and other planned trails throughout the county. Recently completed trail projects include Frog Branch Stream Valley, Clarks Branch Bridge which included the replacement of a failed wooden fair-weather crossing with a 90' steel frame pedestrian and equestrian bridge, and the re-routing of the Pohick Stream Valley trail. Improvements in the Difficult Run Stream Valley section of the Cross County Trail include installation of a 25' fiberglass bridge and building a stone base and surface of 900 linear feet and stone reinforcement for the surface of an additional 1,200 linear feet of the natural surface section of the Cross County Trail. A new, 60' prefabricated steel pedestrian bridge was installed in Luria Park which will better withstand the extreme flood conditions present in the Holmes Run Stream Valley.

2008 Park Bond Program:

- 9. Stewardship** (Countywide): \$11,740,000 for projects that promote the protection, enhancement, interpretation and education of natural and cultural park resources. Projects include Phase II Huntley Meadows wetlands restoration and boardwalk replacement, Historic Huntley restoration to allow public accessibility, mandatory dam repairs, Colvin Run Mill Visitors Center design, concept design for the Stewardship Education Center, and other natural resource protection projects in Sully Woodlands and Laurel Hill. Cultural resource and archaeology projects are also included to protect various cultural resource sites associated with capital projects.



The 'Historic Huntley House' was built for Thomson Francis Mason, a grandson of George Mason. The Park Authority obtained the house and its surrounding 2.5 acres in 1989. It has undergone an extensive \$100,000 renovation recently. It is on the National Register of Historic Places, the Virginia Landmarks Register and the Fairfax County Inventory of Historic Sites.

- 10. Park and Building Renovations** (Countywide): \$29,033,000 for replacement of aging roofs, HVAC, and pool systems for RECenters built in the 1980s and 1990s. These RECenters include Spring Hill, Lee District, Oak Marr, and Providence. An engineering study to assess renewal requirements for Mount Vernon RECenter and Ice Rink which opened in 1981 is also funded. Replaced the 41-year-old train track at Burke Lake Park, parking and entrance improvements at Spring Hill, irrigation system at Jefferson Golf Course, and renovation at Ossian Hall Park and Kings Park will renew these facilities and extend their service life.
- 11. Park Development** (Countywide): \$18,846,000 to develop new park facilities and infrastructure. This category includes funding for the conversion of four natural-turf rectangular fields to synthetic turf and to upgrade the lighting systems on eight fields. Funding is also included to continue the planning, design and site preparation of a countywide Sportsplex at Laurel Hill Park. Another goal is to add 75 miles of trails and trail connections that will increase citizen access to this highly used resource. Additional development includes the construction of the new concrete "streetscape" style urban skate park and bowl at Lake Fairfax and the expansion of the skate park at Wakefield. Future projects include the clubhouse replacement and driving range expansion at Burke Lake Golf Course and a small roll-top observatory at Observatory Park in Great Falls.

2012 Park Bond Program:

- 12. Community Parks/New Facilities** (Countywide): \$7,285,000 for planning, design and construction of new parks or park facilities to implement approved master plans, meet community needs, or

provide additional functionality. Projects include Monticello Park to develop Phase 1 of the park planned improvements per master plan, John C. and Margaret K. White Gardens to build internal trail network and shelter, Signage and Branding to develop a branding approach to identify Park Authority facilities, and Laurel Hill development to continue the phased development of the Park.

13. **Existing Facility Renovations** (Countywide): \$23,302,000 to improve existing park facilities to maintain designed capacity or retrofit obsolete facilities and bring them up to contemporary standards and codes. Projects include Lake Accotink to renovate and upgrade infrastructure and other amenities, countywide playground equipment upgrade, and countywide trails.
14. **Facility Expansions** (Countywide): \$19,497,500 to expand existing buildings and facilities to update, renew and improve existing aging facilities and add user capacity. Projects include expansion of Spring Hill and Oak Marr RECenters, Lake Fairfax Water Mine, and Twin Lakes Oaks Room and additional practice putting area.
15. **Land Acquisition and Stewardship** (Countywide): \$12,915,000 for acquisition of parkland and/or parkland rights, including easements. Stewardship includes projects that support the approved Natural and Cultural Resource Management Plans and/or county's environmental or cultural resource initiatives, Hidden Pond Nature Center for shelter and parking, and the Sully Woodlands Environmental Education Center. Additional projects include land acquisition, energy management, and Natural and Cultural Resources.

2016 Park Bond Referendum (Proposed):

16. **Park Capital Renewal, Stewardship, Park Development and Land Acquisition** (Countywide): To Be Determined. It is anticipated that additional bonds will continue to fund deferred projects and fund long-term projects identified in the Park Authority 10-Year Capital Plan. Projects could include renovation of existing aging community parks, recreation facilities, and infrastructure systems as well as new park facilities to better serve a growing and diverse population and continued renovation. Citizens recognize that parks contribute highly to their quality of life in Fairfax County. Shifting and expanding leisure interests increase the demand for parks and park facilities. These shifts will be evaluated in preparation for 2016 Bond and will likely be reflected in additional prioritized park and facility needs. Additional funding needs that were not included in the needs assessment include escalating land prices, construction and materials costs, infrastructure improvements associated with the identified projects, capital maintenance projects and site specific engineering and regulatory requirements. In addition to land acquisition and park development projects, the Park Authority adopted Natural Resource and Cultural Resource Management Plans that identify initiatives needed to provide essential stewardship efforts of environmental resources on parkland and cultural resources throughout the county. To fulfill the Park Authority's stewardship mission, implement these plans and align with the County's 20-Year Environmental Vision and Environmental Agenda, major monies are needed to protect these resources under Park Authority responsibility.

This page intentionally left blank.

**PROJECT COST SUMMARIES
FAIRFAX COUNTY PARK AUTHORITY
(\$000's)**

Attachment 5

Project Title/ Project Number	Source of Funds	Budgeted or Expended Through FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total FY2016-FY2020	Total FY2021-FY2025	Total Project Estimate
1 Americans with Disabilities Act (ADA) Compliance / PR-000083	G, X	C	1,840	2,370	300	300	300	5,110	1,500	6,610
2 Park General Maintenance / 2G51-005-000	G	C	625	644	663	683	703	3,318	3,418	6,736
3 Park Facility/Equipment Maintenance /2G51-007-000	G	C	470	484	499	514	529	2,496	2,570	5,066
4 Park Grounds Maintenance / 2G51-006-000	G	C	1,117	1,151	1,185	1,221	1,257	5,930	6,108	12,039
Subtotal General Fund Projects			4,052	4,649	2,647	2,718	2,789	16,854	13,596	30,451
5 Athletic Fields (2004 Bond) / PR-000001	B	8,500	133					133		8,633
6 Building Renovations and Expansion (2004 Bond) / PR-000018	B	22,798	231					231		23,029
7 Community Park/Courts (2004 Bond) / PR-000015	B	9,400	180					180		9,580
8 Trails and Stream Crossings (2006 Bond) / PR-000008	B	4,600	200	200				400		5,000
9 Stewardship (2008 Bond) / PR-000012	B	9,495	900	600	500	245		2,245		11,740
10 Park and Building Renovations (2008 Bond) / PR-000005	B	19,000	1,100	800	1,159	4,597	4,016	11,672		30,672
11 Park Development (2008 Bond) / PR-000016	B	13,000	2,000	1,800	1,500	546		5,846		18,846
12 Community Parks/New Facilities (2012 Bond) / PR-000009	B	0		750	2,985	3,550		7,285		7,285
13 Existing Facility Renovations (2012 Bond) / PR-000091	B	4,300	4,500	5,800	5,500	3,057	145	19,002		23,302
14 Facility Expansions (2012 Bond) / PR-000092	B	14,672	2,500	1,255	900	170		4,825		19,497
15 Land Acquisition and Stewardship (2012 Bond) / PR-000093	B	500	2,025	3,825	4,275	1,640	650	12,415		12,915
16 Land Acquisition and Park Development (2016 Bond)	B							TBD		TBD
Subtotal Bond Projects			13,769	15,030	16,819	13,805	4,811	64,234		170,499
TOTAL		\$106,265	\$17,821	\$19,679	\$19,466	\$16,523	\$7,600	\$81,088	\$13,596	\$200,950

Notes: Numbers in **bold italics** represent funded amounts.
A "C" in the 'Budgeted or Expended' column denotes a continuing project.

Key: Stage of Development	
	Feasibility Study or Design
	Land Acquisition
	Construction

Key: Source of Funds	
B	Bonds
G	General Fund
S	State
F	Federal
X	Other
U	Undetermined

This page intentionally left blank.

INFORMATION

Draft Bruin Park Master Plan Amendment (Dranesville District)

Bruin Park is an eight-acre Local Park in the Town of Herndon and the Dranesville Supervisory District located at 415 Van Buren St., Herndon (Attachment 1). The park was master planned in 1966 and has largely been developed and managed over the last 45 years as a local-serving park in the Herndon community. The park is bordered on three sides by single-family detached homes and townhomes to the northwest. Existing facilities in the park include trails, a reservable picnic shelter, picnic tables, two tennis courts, a multi-purpose court, a school age playground, an open play field, and onsite parking.

In July 2014, the Park Authority received a request from Herndon Environmental Network (HEN) through the Town of Herndon to consider a garden plot use in the park, and identified a portion of the park adjacent to the tennis courts as an optimal location. A collaborative group of 34 local citizens and members of the Herndon Environmental Network have been working to establish a community garden since the summer of 2012. The group represents varying interests and levels of support, ranging from those who want to secure a garden plot to community experts who are willing to offer garden knowledge and workshops when the project is in operation (Attachment 2).

To evaluate the garden plot proposal, staff conducted background research and site analysis, collected input from park staff, and the Town of Herndon. Staff analysis identified that the garden plots could be physically located in the park in the area recommended by HEN. Potential impacts identified by staff included maintenance, soil erosion, water access, and neighborhood impacts. Through continued dialogue with staff and the Town of Herndon, HEN committed to addressing potential impacts, including entering into an agreement with FCPA and the Town of Herndon to construct and maintain the garden plots.

In addition, a simple amendment to the existing master plan is needed to allow the proposed use. A simple amendment to the existing Bruin Park Master Plan adds the proposed garden plot label to the open space area shown on the master plan. To facilitate a community discussion on the proposed use, a public comment meeting will be held in the fall of 2014, at which staff will present the HEN proposal and Draft Bruin Park Master Plan Amendment (Attachment 3).

Public input on the proposed use will be collected at the public meeting and will be followed by a 30-day open comment period. The draft Master Plan Amendment will also be published on the Park Authority website in order to disseminate information and

Board Agenda Item
October 22, 2014

collect input. Consideration for the Master Plan Amendment approval by the Park Authority Board is expected in winter 2015 after all public comments are evaluated. If approved, a development, maintenance, and use agreement with HEN will be required. In addition, a public use conformance determination (2232 process) may also be required.

FISCAL IMPACT:
None

ENCLOSED DOCUMENTS:
Attachment 1: Bruin Park Vicinity Map
Attachment 2: Community Garden Proposal
Attachment 3: Draft Bruin Park Master Plan Amendment

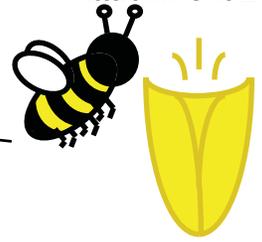
STAFF:
Kirk W. Kincannon, Director
Cindy Messinger, Deputy Director/CFO
Sara Baldwin, Deputy Director/COO
David Bowden, Director, Planning & Development Division
Cindy Walsh, Director, Resource Management Division
Barbara Nugent, Director, Park Services Division
Todd Johnson, Director, Park Operations Division
Judy Pedersen, Public Information Officer
Sandy Stallman, Manager, Park Planning Branch
Pat Rosend, Project Manager, Park Planning Branch



Bruin Park Vicinity Map

October 2014

This page intentionally left blank.



Proposal: Revise the Bruin Park Master Plan to Incorporate a Community Garden

A Herndon Environmental Network pilot project for healthy homegrown food in cooperation with the Town of Herndon and the Fairfax County Park Authority

July, 2014



Photo courtesy of Blue Heron Farm at www.blueherontexas.com

Consolidated and written by Herndon Environmental Network volunteers Eric L. Kephart, Tia M. Mayer, Meaghan E. M. Selki and Barbara A. Welsh; contributions from Dr. John M. De Noyer and Ann H. Csonka, Nature's Web, L.L.C., Earth Science and Ecology in the Public Interest

This page intentionally left blank.

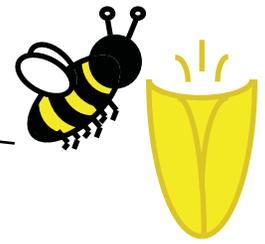


Table of Contents

I. Purpose, Property Description and Park History	5
A. Purpose	5
B. Property Description	5
C. Park History	6
II. Park Classification and Facilities	6
A. Community Park	6
B. Existing Facilities and Master Plan	7
III. Conceptual Development Plan	8
A. Characteristics of the Proposed Garden Site	8
B. HEN Garden Committee Preliminary Planning Work	8
C. HEN Recommendation	10
D. Background and Benefits of Community Gardens	10
E. Description of Proposed Master Plan Elements	12
1. Size of the Community Garden	
2. Times of Use	
3. Capacity	
4. Containment	
5. Proposed unfenced areas	
6. Education	
F. Conceptual Site Plan: Potential Garden Plot Layout	13
G. Management and Operations	13
1. Oversight and Guidance	
2. Kiosk	
3. Records	
4. Site maintenance	
5. Complaints	
6. Trash and debris	
7. Water access	
8. Sewer fee waiver request	
9. Equipment	
10. Dogs	
Appendices	15
Appendix A: 2015 Herndon Garden Plot Rules and Guidelines	
Appendix B: Typical Flyer	
Appendix C: About Us: Herndon Environmental Network	
Appendix D: Helpful Links & Resources	

This page intentionally left blank.



I. Purpose, Property Description and Park History

A. Purpose

The purpose of this proposal is to update the Bruin Park master plan. This revision will reflect the addition, development and management of a community garden. The plan will describe the proposed location within the park, where it will be constructed, and how it will be operated in conjunction with other areas of the park and existing uses. Bruin Park currently provides several successful recreational assets. An undeveloped part of the park is ideal for community gardening and presents a special opportunity to maximize use of the park.

Members of the Herndon Environmental Network (HEN) and the surrounding community have identified the many benefits that a community garden would bring to the Town of Herndon and to Bruin Park visitors from across Fairfax County. Availability of healthy food and outdoor activities plays a critical role in any community. Locally grown organic food and personal connections with growing food can make a difference in quality of life for residents. A community garden would serve the surrounding population well in those capacities.

B. Property Description

Bruin Park is located on Van Buren Drive and bounded by Alabama Drive and Virginia Avenue in the Town of Herndon. It includes two tennis courts, a tot play area, a youth baseball field, a basketball court, a picnic shelter, and parking. The park is classified as a community park under the Fairfax County Park Authority classification system. The proposed community garden would occupy the undeveloped western corner of the park between the tennis courts and the Waterford Townhouse community.



C. Park History

Bruin Park was established in 1966 and is owned by the Town of Herndon. The park was originally master-planned by the Fairfax County Park Authority under a partnership agreement with the town. The park was subsequently developed and is currently maintained by the Fairfax County Park Authority (FCPA).



II. Park Classification and Facilities

A. Community Park

Bruin Park is a community park. Community parks provide a variety of individual and organized recreation activities conveniently located for short term visits. These parks may be located in residential neighborhoods or suburban centers. Community parks support active recreation including organized sports and may be intensely developed.

All facilities planned for a neighborhood park can be located in a community park. Facility development may include: lighted or unlighted athletic fields, court facilities, picnic areas, playgrounds, tot lots, garden plots, fitness courses, trails and parking. Parking is provided on-site.

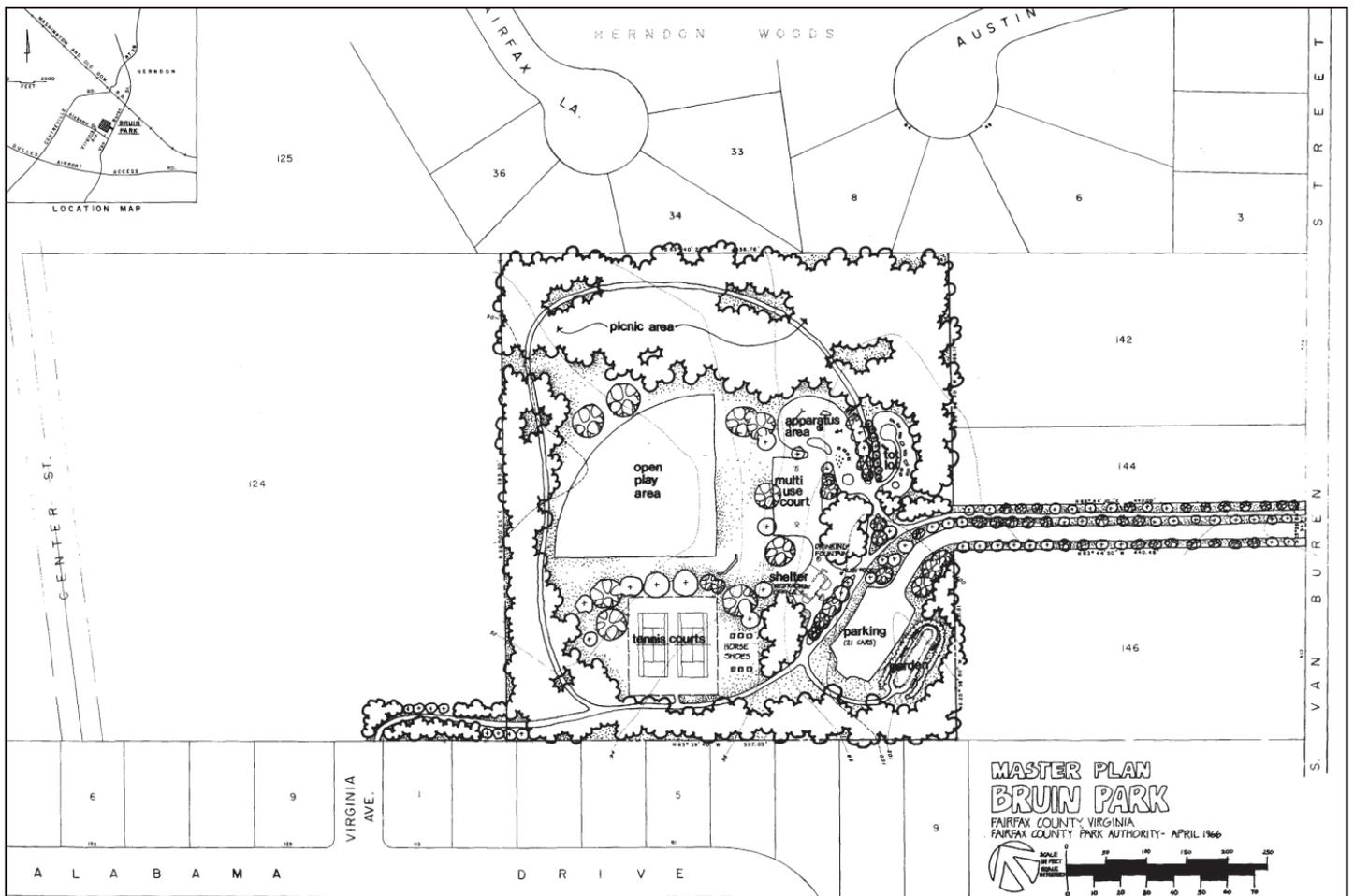
Community parks are typically 10-50 acres in size serving several neighborhoods. The service area is measured by a 5 to 10 minute drive or 15 to 20 minute bicycle trip. Depending on the density of surrounding communities, the service area generally extends up to three miles.



B. Existing Facilities and Master Plan

The following facilities are currently in place at Bruin Park:

1. Youth baseball diamond
2. Tennis courts (2 courts)
3. Playground/tot lot
4. Basketball court
5. Parking lot (21 spaces)
6. Open space



III. Conceptual Development Plan

The purpose of this Conceptual Development Plan (CDP) is to incorporate a description of the proposed community garden with maps and information that depict the general location and specific physical and functional features of the recommended facility.

A. Characteristics of the Proposed Garden Site



The present open space is grass-covered, with a large oak tree stump.

B. HEN Garden Committee Preliminary Planning Work

A collaborative group of 34 local citizens and members of the Herndon Environmental Network have been working to establish a community garden since the summer of 2012. The group represents varying interests and levels of support, ranging from those who want to secure a garden plot to community experts who are willing to offer garden knowledge and workshops when the project is in operation.

HEN contacted community gardeners and garden managers in the area. Discussions included fact finding on benefits, day to day management, community outreach and donating to food pantries, as well as general information-sharing about costs, rental rates, and establishing rules to keep the garden running smoothly.

Many sites were surveyed and prioritized for the best possible outcome. Land is definitely at a premium within the Town of Herndon, but this fact actually enhances the potential for this project to be successful. The primary determining factors were:

- size of land area
- accessibility to water
- growth factors, such as sunny exposure and relatively flat area
- locations on Town or County public land or church property were favored due to potential support



Public support

HEN members obtained over 50 signatures in support of a Community Garden while walking through the Herndon Farmers' Market and downtown area in less than an hour, and we are confident that many more are interested due to the extremely long waiting lists to obtain plots in nearby Community Gardens.

Dulles Chamber of Commerce

HEN reached out to the local Chamber of Commerce in hopes of contacting local businesses for support.

Waterford Homeowners Association (HOA) and private homeowners adjacent to Bruin Park

HEN contacted the HOA Board to communicate our efforts and potentially enlist homeowners to support the project both as volunteers and plot leasees.

Financing

As a group, HEN is actively pulling together strategies to gain funding for this project by seeking corporate sponsorships, as well as by applying for grants that would supplement local community financing. HEN intends to run a Kickstarter campaign once approval for the community garden is finalized.

Town and County Officials

HEN introduced the idea to Mayor Lisa Merkel and the Town Council members. HEN also met with John Dudzinsky, Community Forester, to discuss locations, benefits, and potential roadblocks

Staffing

HEN volunteers are dedicated to seeing the garden established and will provide the necessary volunteer commitment. In addition, HEN will seek corporate sponsorships and grants to fund start-up and initial operations.

Rental fees

HEN is aware of FCPA rental fees and recent increases. We will establish reasonable fees and are also working out possibilities for scholarship plots.

Garden Management

Once the community garden is established, the Herndon Environmental Network will agree to manage the day-to-day operations of the garden for a period of three years, in cooperation with the Town of Herndon and FCPA as needed. During that time, HEN will establish a separate 501(c)(3) nonprofit organization dedicated solely to community gardening, similar to Herndon Dogs that operates the Chandon Dog Park.

Garden Design

HEN has documented various potential configurations for the site. This is a small area. Therefore, we plan to encourage intensive gardening methods rather than use the larger plot sizes that are standard for Fairfax County facilities, allowing many more people/families to participate.

In order to ensure an aesthetically pleasing garden year round, HEN will enforce rules that ensure the land is maintained. Additionally, the fencing structure will be mesh and essentially covered by various border plants to lessen the visual disruption that an otherwise more obvious fence structure might introduce.

HEN is reaching out to adjoining neighborhoods, knowing that their input and support is essential to a successful garden.

This is an ongoing process.



Additional Considerations

The park is located in a densely populated sector of the town where many residential units have no suitable space for growing food gardens. Census data shows 33.8% of town housing units are in multi-unit structures (Census data 2007-2011).

Town of Herndon Population and Housing		
Dwelling Units	Number	Percent*
Single Family Detached	2,979	38%
Single Family Attached (Townhouses)	2,398	30%
Multifamily (Apartments & Condos)	2,512	32%
TOTAL	7,889	100%

*Percentage of total dwelling units

Current as of January 1, 2012

Source: <http://www.herndon-va.gov/Content/AboutHerndon/Demographics/default.aspx?cnlid=23>

Approximately one-third of housing units are townhomes, and another third are single-family detached structures. Therefore, residents in two-thirds of town have little-to-no yard space to use for gardening—especially for food gardening (<http://quickfacts.census.gov/qfd/states/51/5136648.ht>).

Additionally, a town water line in the Waterford HOA can be extended to provide metered water for the garden plots. The vacant park area is primarily sunny, with the exception of the areas where trees will eventually produce shaded areas. This is compatible with the gardening objectives. The location is highly accessible.

Other Community Gardens

Members of the Garden Committee have visited existing community gardens in Fairfax County and in other parts of Northern Virginia. HEN is familiar with the Fairfax County Garden Plot program administered by Green Spring Gardens staff and has met with their garden plot coordinator. HEN also has reviewed the rules for Fairfax County, Reston Association, Leesburg’s Ida Lee Community Garden, and several other local municipal community gardens, as well as general operational guidelines of the American Community Gardening Association.

C. HEN Recommendation

HEN recommends establishing a pilot community garden on this open space at Bruin Park. A community garden at this location would add diversity to recreational opportunities in the town; provide significant food, health, and educational value to the community; might help to manage and mitigate stormwater runoff on the parcel by judicious placement of plots as well as possible additional plantings; and would be an environmental asset to expand the town’s green initiatives and support Fairfax County’s sustainability objectives.

D. Background and Benefits of Community Gardens

Community gardens are usually on public land, owned by the government or non-profit associations. Occasionally, they are privately owned and function as businesses.

Community gardens are found in urban areas throughout Fairfax County. Sometimes they are collectively gardened with a shared harvest. Most of the time individuals tend to their own plots. Garden plots are used to grow vegetables, fruit, flowers, and herbs... a wide variety of crops the community or its individual members wish to grow.



Implementing a community garden will not only increase access to affordable, healthy food for residents, but will create an opportunity to engage residents in taking a hands-on approach to improving their community. It will help to engage residents in physical activity through maintenance of the gardens and to promote healthful eating. Community gardens are areas of unused open space where neighbors gather to collectively manage and care for a piece of land. These areas serve as a way for urban residents to grow their own food and to interact with both the environment and their neighbors.

Several community gardens are located in Virginia including: Reston, Arlington, Alexandria, McLean, Leesburg, Purcellville, and Round Hill. A majority of these gardens have a wait list which prevents the residents of Herndon from utilizing these facilities.

Community gardens provide unique benefits to residents. People grow their own produce, thereby reducing grocery bills; engage in exercise and enjoy the outdoors while tending the garden; and enjoy the social aspect gardening provides. Gardens also help to increase fruit and vegetable consumption by increasing the availability of these items and improve skills in food preparation if combined with nutrition education. Residents will benefit from having increased access to land for food production, resulting in an innovative way to create food security. Community gardens do not require large areas of land and can be as simple as a few raised beds in a park or residential area.

Further benefits of a community garden include, but are not limited to:

- Improves quality of life for people using the garden
- Provides a catalyst for neighborhood development
- Stimulates social interaction
- Encourages self-reliance
- Beautifies neighborhoods
- Produces nutritious food
- Reduces family food budgets
- Conserves resources
- Creates opportunity for recreation, exercise, therapy, and education
- Reduces crime
- Preserves green space
- Provides a resource of donations to local food banks
- Provides opportunities for intergenerational and cross-cultural connections

Community gardens improve food security by increasing the availability of nutritious foods, such as fruits and vegetables. Community gardening offers other benefits to society such as reductions in crime, vandalism, and health care costs as well as increased social cohesion.

Studies suggest that environments in disrepair often attract more crime (Frumkin, 2005). Gardens can turn these vacant areas into a resource that benefits the community. A garden provides opportunities for informal gatherings that help build a sense of community and pride. Neighborhoods near community gardens consistently experience a decrease in reported criminal activity (Bremmer, 2003). The safety and vitality of a community relies upon the pride and sense of ownership that residents have for their neighborhood. Community gardens offer a focal point for neighborhood organizing and can increase safety by providing more eyes on the area.

Community gardens are also known to improve residents' sense of well-being in their neighborhood. In addition to creating a more attractive area, gardens promote a sense of connection in neighborhoods. By promoting pride in one's home, residents may take better care of their home and the surrounding area.



Additionally, gardens help lower stress and improve diets. As a result, residents may decrease the number of sick days away from work and enjoy more stable employment (Armstrong, 2000). The health, social and economic benefits of a garden will all help improve resident retention.

Gardening connects people with the rhythms of life in the natural world. Studies have revealed just viewing a garden has healthy psychological benefits. One study found that older adults who regularly garden have higher levels of overall life satisfaction (Sommerfeld, 2010). Gardening can be especially beneficial for people with special needs or those recovering from illness.

Gardening promotes an increased range of motion, develops eye-hand coordination, improves motor skills and increases self-esteem (Mason, 2005). Over the past few years special tools and garden designs to make gardens more accessible have become readily available.

Gardening is a moderate form of exercise, promoting increased physical activity among residents (Dorn, 2009). Community gardens provide a unique outlet to combat obesity and chronic diseases by increasing fruit and vegetable consumption, and by providing a space and positive incentive for physical activity. Gardening provides regular physical exercise to aid in the prevention of heart disease, obesity, type-2-diabetes and high blood pressure.

One of the primary steps in diabetes management is getting enough physical activity. Gardeners can easily achieve the recommended 150 minutes per week of exercise. It also provides moderate strength training, which is a step in the prevention of osteoporosis. Carrying a gallon sprinkling can full of water in each hand is like lifting 8 pound dumbbells. Pushing a wheelbarrow is a good bicep workout. Additional activities such as pulling weeds, carrying soil and compost, and digging holes are activities that will also give you a workout (Main, 2011).

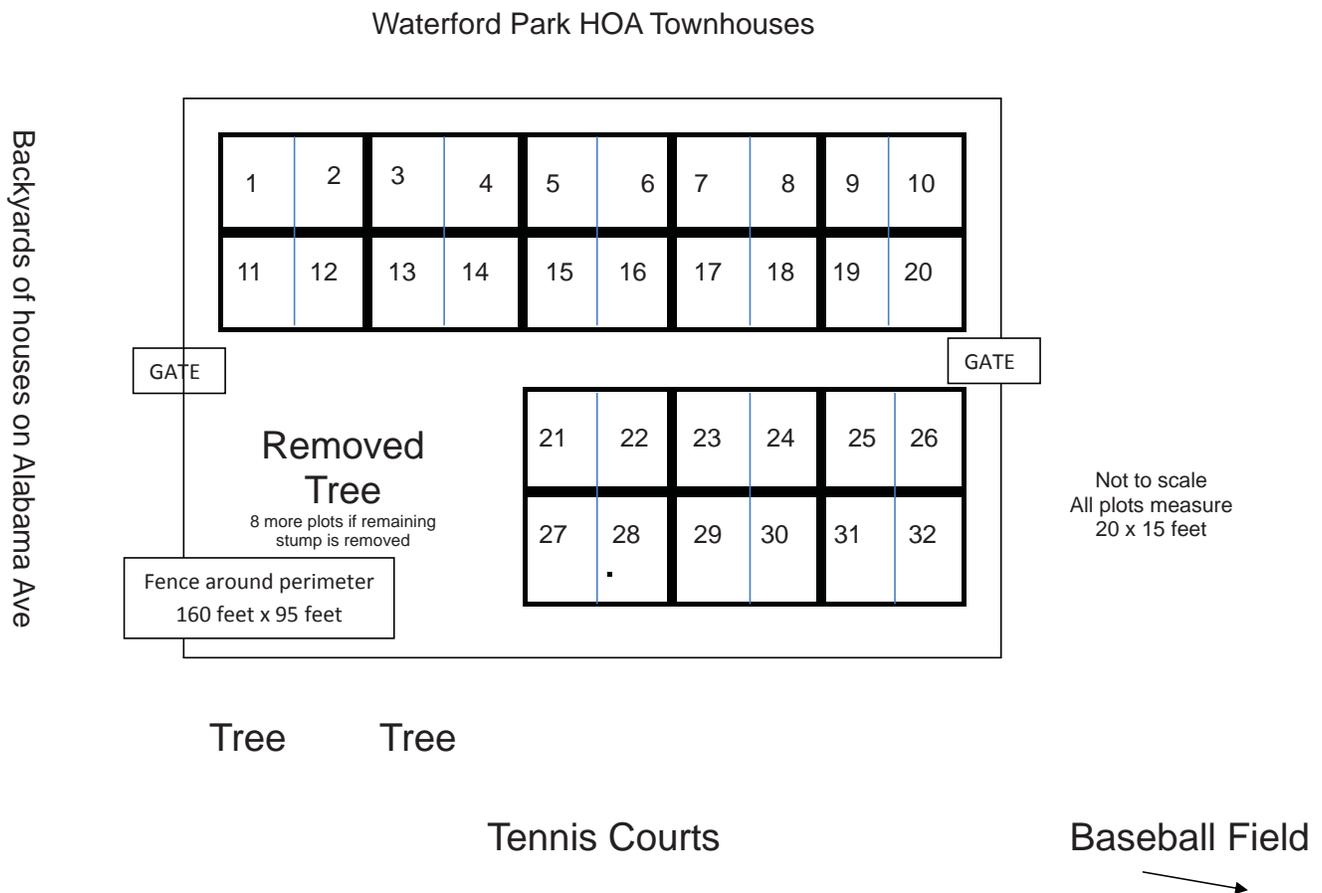
In addition to the regular physical activity of gardening, gardens produce a wide range of fruits and vegetables that are also important in the prevention of chronic disease. Gardening is a great way to improve your diet and to participate in activities that will help to improve your health.

E. Description of Proposed Master Plan Elements

- 1. Size of the Community Garden:** The proposed garden plot area would be 15,200 square feet (160 feet by 90 feet or about 1/3 of an acre).
- 2. Times of Use of Garden:** hours shall be consistent with Bruin Park, from dawn until dusk.
- 3. Capacity:** 32 garden plots 15'x20', with the possibility to expand to 40 plots if the existing tree stump can be removed.
- 4. Containment:** The designated garden plot space will be fully enclosed by a 7-foot nylon fence to discourage deer and the potential for theft and vandalism. Fencing the entire perimeter of the plot area is preferable functionally and aesthetically to having individual fences around each plot. Estimated cost (quote by Long Fence): \$5,000, plus one double swing gate for equipment and one 5-foot wide swing gate for garden plot owner access.
- 5. Educational Element:** HEN is planning on conducting periodic gardening clinics that would be open to the community.



F. Conceptual Site Plan: Potential Garden Plot Layout



G. Management and Operations

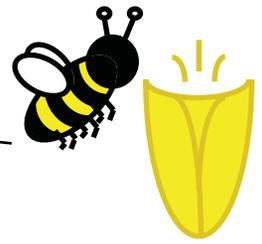
1. **Oversight and guidance.** HEN volunteers will collect rental fees and manage assignment of rental scholarships. A volunteer garden manager will monitor gardeners' activities to ensure compliance with the garden rules. Qualified volunteers also will serve as instructors to conduct periodic workshops and provide references in basic methods and choices of approach for new gardeners.
2. **Kiosk.** Volunteers will establish a kiosk where garden rules will be posted and informational materials will be provided.
3. **Records.** HEN volunteers will maintain records as necessary and practicable.
4. **Site maintenance.** Garden manager will monitor and manage general site conditions and conduct mowing operations within the fenceline.
5. **Complaints.** A point of contact for complaints, concerns, or questions shall be posted at the garden. The point of contact (garden manager or other designee) shall act as liaison between garden users and others, such as neighbors and groups using adjoining park areas. If a complaint first comes to the attention of the Town, FCPA, or HEN, it must be referred back to the garden manager or at least the manager must be kept apprised of resolutions. If the complaint has not been resolved in 30 days, the manager and complainant will meet with whomever the FCPA designates to mediate a solution.
6. **Trash and debris.** Gardeners will remove their own trash or debris from the site, similar to "leave no trace" when camping.
7. **Water Access.** HEN is working with Town of Herndon personnel on how best to bring water access to this



site. The closest water connection is approximately 20 feet from the park boundary in the Waterford HOA. The estimated cost to run water to the garden is \$10,000. Two standpipe faucets with hose splitters would be installed within the fenced garden. Hose bibs would be opened only by keys that would be issued to registered gardeners. Garden management would pay for initial and replacement hoses and hose splitters.

- 8. Sewer fee waiver request.** We hope to work with the town to waive the sewer fees associated with the typical water account since there will be no sewer involved.
- 9. Equipment.** The garden sponsor will facilitate acquisition of 2 heavy-duty wheelbarrows or utility wagons and garden hoses for use by the gardeners. Gardeners will be responsible for providing their own tools.
- 10. Dogs.** No dogs will be allowed within the fenced garden plot area.





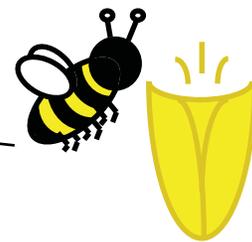
Appendices

The appendix contains references, guidelines, and/or learning resources used as part of the planning process. Some information herein will become part of operating references and resources. Some items will be finalized after the proposal for the community garden is approved.



Photo courtesy of Bonnie Averbuch and Tim Thumb at www.foodtank.com

This page intentionally left blank.



2015 Herndon Garden Plot Rules and Guidelines

The Herndon Garden Plot Program is a community garden plot rental program administered by the Herndon Environmental Network (HEN). Residents participating in the program enjoy nature, grow fruits and vegetables for food, and get exercise from the practice of gardening. The Garden Plot Rules and Guidelines provide the gardeners, their families, and the entire gardening community with basic principles for a successful garden plot program.

Table of Contents

- I. Purpose of the Program**
- II. Gardener Eligibility**
- III. Rules**
- IV. Guidelines**
- V. Administration**

I. Purpose of the Program

HEN provides Town of Herndon (TOH) and Fairfax County residents the opportunity to participate in a community gardening experience through the Herndon Community Garden Plot program. Preferential plot distribution will be given to residents with a Herndon zip code. All garden plots measure 20 feet by 15 feet. Gardening is permitted when the park is open, generally from dawn to dusk.

The rules and guidelines for the Garden Plot Program ensure that all participating gardeners have the opportunity for a positive gardening experience, that garden plot sites are an asset to the community, and that all plots are used in a productive manner.

Many residents want to garden, and we anticipate having a waiting list of willing gardeners. By following the rules and guidelines, you show that you want to garden successfully in a community garden plot program. All gardeners agree to follow the rules and guidelines of the Garden Plot Program.

II. Gardener Eligibility

The following criteria establish eligibility for having a garden plot:

- 1.** Must be residents of the Town of Herndon or Fairfax County. If you move from the county, you must return your plot at the end of the growing season.
- 2.** Must sign and return rental contracts with payment by the date on the contract.
- 3.** May have only one garden plot per name, household, or address.
- 4.** Food grown in the rental gardens are meant for personal consumption and not intended for commercial use. HEN does encourage plot usage to allow for use by charitable and non-profit organizations.
- 5.** Must agree to comply with rules identified in Section III for the duration of the rental agreement.

III. Rules

This section lists the rules that govern the program. These rules ensure that the plots are gardened, that the area is safe, and that policies and laws of the Commonwealth of Virginia, Fairfax County, and the Fairfax County Park Authority are followed (Source: Code of Virginia:§15.2-5704 <http://leg1.state.va.us/cgi-bin/legp504.exe?000+cod+15.2-5704>).

Please note that all Fairfax County Park Authority Regulations apply to the garden plots as well: <http://www.fairfaxcounty.gov/parks/parkpolicy/app7regs.pdf>. When gardeners sign the Garden Plot rental contract each year, they acknowledge that they have read and understand the following rules:

1. All gardening activities must be contained within the plot boundaries as marked by the Garden Plot Coordinator.
2. Prepare your entire plot for gardening and begin planting by May 1. Garden must be “active,” which means having two-thirds of the land in cultivation. Complete fall clean-up by November 15. Cleanup activities include removal of dead plants and weeds, removing plant supports, and mending fences. Plant a cover crop such as rye grass, if desired.
3. The entire garden plot has a seven (7) foot tall mesh fence. No interior fencing may be constructed.
4. Simple, non-permanent structures, such as trellises or raised beds are permitted. Neither solid walls nor roofs are permitted.
5. Poured concrete may not be used to anchor fence posts or other structures.
6. Gardeners may not dig channels or create berms outside of their plots.
7. Mulches such as stone, carpet and artificial turf are prohibited. You may use fabric, straw, and/or other natural biodegradable mulch materials (including newspapers) to help with weed control and help keep moisture in the ground, but the fabric must be removed by November 15th. The use of black plastic will not be permitted for weed control.
8. If you use a pesticide, you MUST follow these rules.
 - a) READ THE LABEL. It is against federal law to use a pesticide on a pest or crop that is not listed on the label.
 - b) NO restricted pesticide (pesticides requiring a permit for use) is permitted under any circumstances, even if the person is a licensed pesticide applicator.
 - c) Research the problem pest and the guidelines for managing it in the Virginia Pest Management Guide, <http://www.ext.vt.edu/pubs/pmg/index.html> .
 - d) Mix and apply the pesticide according to the label. Increasing the dose or frequency may harm your crop or other people.
 - e) For everyone’s safety, NO commercial, chemical or organic pesticides and NO fertilizers may be stored anywhere in the garden plot at any time, including locked storage bins.
 - f) Flamers or torches for weed control are NOT permitted due to the risk of fire and personal safety (<http://www.fairfaxcounty.gov/parks/parkpolicy/app7regs.pdf>., §1.07).
 - g) According to state and local game regulations, it is illegal to bait or trap or transport any animals across property lines. (<http://www.fairfaxcounty.gov/parks/parkpolicy/app7regs.pdf>, §1.10).
9. Take all trash and plant debris that you do not compost within your plot to your home, or to a citizen trash

collection location, such as the center on West Ox Road. DO NOT dump plants or trash anywhere outside of your plot, or in surrounding park or wooded areas. It is illegal to dump anywhere on Commonwealth of Virginia and Fairfax County property. (Source: Code of Virginia: § 33.1-346, [<http://leg1.state.va.us/cgi-bin/legp504.exe?000+cod+33.1-346>].

10. Gardeners may not store excess lumber, fencing mesh or other materials not needed for gardening at their plots for aesthetic and safety reasons.

11. Weeds must be kept under control throughout the year and must be kept below 8". If weeds exceed 8", the plot owner will be notified. If weeds reach a height of 24", the participant's use of the plot will be terminated immediately. Any produce in the plot will become the property of HEN and the plot will be mowed. Participant will be notified by mail that such action has been taken and that participant//household/address will not be permitted to register the following season. It cannot be stressed enough the importance of harvesting produce as it ripens and keeping weeds under control so as not to interfere with other gardens by harboring vermin and shedding weed seeds.

12. Any gardening supports/structures you erect/install on your plot should be made of wood or recycled wood type products, be natural or earth-tone in color, and cannot exceed 60" in height. No rebar or metal materials will be permitted. This will be strictly enforced. No support/structure may extend, overhang, or interfere with movement through an adjoining plot. Do not cultivate beyond the aisle stakes so the established width of the aisle can be maintained.

13. Do not block off-road garden paths and aisle ways with structures, equipment, debris, or vehicles

14. Gardeners who are not in compliance with these rules will:

- a) Receive a notice by email or phone from the Garden Plot Coordinator;
- b) Have 14 calendar days to correct the problem upon receipt of the notice; and,
- c) If the problem(s) is/are not corrected or addressed within the allotted time frame, the garden plot may be reclaimed and reassigned.

Receiving more than one notice of non-compliance in a single calendar year may result in the plot being reclaimed. Receiving the same notice in consecutive years (such as allowing your plot to become weedy while you are on vacation each year) may also result in a reclaim.

IV. Guidelines

These guidelines are designed to make gardening enjoyable and successful for you and your garden plot neighbors. For more gardening information, visit the Green Spring Gardens library, the Green Spring Gardens website, <http://www.fairfaxcounty.gov/parks/greenspring/plots.htm> , and the Virginia Cooperative Extension website, <http://www.ext.vt.edu/> .

1. Fences

The garden is surrounded by a 7-foot tall deer fence encompassing all plots. Gardeners may not erect fences around their individual garden plots.

2. Structures

The gardener supplies the materials and labor for non-permanent structures.

- a) Raised beds are permitted. Wood is recommended for the bed edging, but not required.
- b) Simple trellis structures are permitted if they do not shade other gardens. DO NOT use poured concrete for anchoring. Neither solid walls nor solid roofs are permitted.

- c) Storage bins for tools are not permitted.
- d) Row covers are to be prevented from blowing away, and remove them when not in use.

3. Making Good Plant Choices

Gardeners may grow a wide variety of fruits, vegetables, herbs and flowers. Choosing from among the wide range of plants for the garden is challenging and fun! The guidelines below will help you make good choices for gardening in a community garden plot program. Talk to your gardening neighbors to share ideas for good plant choices for success.

- a) Herbaceous vines are permitted.
- b) No plants may be grown that are listed on the Virginia Invasive Plant List ... www.dcr.virginia.gov/natural_heritage/documents/invlist.pdf

4. Mulch

Using mulch in your garden plot has many benefits. As organic mulches break down, they add valuable nutrients to your soil. You will need less fertilizer. They also help conserve water.

- a) Organic mulches, such as compost, leaves, straw, and shredded bark are highly recommended to conserve water and add nutrients to the soil.
- b) Non-biodegradable mulches, such as stone, plastic, carpet, and artificial turf, are prohibited.
- c) Composting plant materials within the plot is an excellent way to reduce trash and conserve nutrients. Do not compost food scraps (such as meat, oils, or fat), as this attracts animals.
- d) Avoid fresh manure which may contain weed seeds, smells bad, and may have sanitary issues that could affect neighboring plots. Composted manure is permitted.
- e) Mulch delivery to Fairfax County Parks is determined by the Fairfax County Department of Solid Waste Management. Garden Plot renters may obtain mulch at the following parks: Baron Cameron, Lewinsville, Pine Ridge/Bo White, and Grist Mill. Gardeners can also pick up mulch from E.C. Lawrence, Bull Run Regional Park, the I-95 Citizens' Recycling and Disposal Facility, and the I-66 Citizens' Recycling and Disposal Facility. For Fairfax County mulch delivery information, refer to the Fairfax County website: <http://www.fairfaxcounty.gov/dpwes/trash/dispmulch.htm> . The mulch is available for use by all Fairfax County citizens, not just garden plot renters.

5. Watering

The community garden plot has two water spigots with Y-splitters. We recommend using water conservation methods such as mulching and selecting plants that use less water. Earth-friendly and low-water gardening methods are encouraged.

- a) Water standpipes will be fitted with a Y-splitter attached to the main faucet enabling two gardeners to water simultaneously.
- b) All hoses must be stored in areas that do not present a safety problem to other gardeners.
- c) All gardeners should be considerate when using the water. If someone is waiting to water, please limit your time to 15 minutes.
- d) Please report water faucet problems to the Garden Plot Coordinator.

6. Managing Pests

There are many potential pests in the garden, such as weeds, insects, fungi, small mammals, etc. Most can be controlled using good gardening practices. We ask all gardeners to try these actions first. Remember the garden plot community is like a crowded neighborhood. Your actions can affect everyone. Please use any commercial pesticide very sparingly and only as a last resort. See the Rules for specific guidance on pesticide use.

- a) Choose plant varieties that are appropriate for our area and are resistant to pests.
- b) Keep plants healthy by using compost for fertilizer and mulches to retain water. Overwatering can cause diseases to increase.

- c) Remove insects by hand, or trap insects with soapy water.
- d) Clean up dead and diseased plants immediately.
- e) Get ideas from the Garden Plot Coordinator, your fellow gardeners, bulletin boards, books and magazines, and the Internet to help you resolve your pest problems safely. Small mammals, such as mice, voles, rabbits, squirrels and groundhogs can be a problem.

7. Existing Plot Condition

All plots are rented in their existing condition.

V. Administration

1. Program Management

The Herndon Garden Plot Program is managed by the Herndon Environmental Network (HEN). The HEN point-of-contact is Barb Welsh and can be reached via email at barb@herndonenvironment.org. However, for issues within the garden plots, please address the Garden Plot Coordinator, Eric Kephart, who manages the day-to-day operations and can be reached at 703-435-0772. You may also e-mail the Garden Plot Coordinator at ekepha@hotmail.com.

2. Rental Procedures

- a) The annual garden plot rental period is from March 1 through November 1 each year.
- b) Renewal contracts are mailed in December and must be signed and returned with payment by the date on the contract (generally this is January 31).
- c) Gardeners in good standing will be automatically mailed renewal contracts by US mail to their street address.
- d) As a garden plot renter, the gardener agrees to abide by the rules and guidelines of the program. He or she also accepts responsibility for family members and others who enter the plot.
- e) A gardener whose plot is in compliance may request a trade to a different plot, if one is available.

3. Garden Plot Waitlist and Offers to New Gardeners

Gardening is popular, and a waitlist of potential new garden plot renters will be maintained. Aspiring gardeners may enter the list by completing the form on the website www.herndonenvironment.org or emailing garden@herndonenvironment.org.

- a) Plots are offered throughout the year as they become available. Offers are sent by email.
- b) A potential gardener is offered a particular plot. He or she may accept or decline the offer. If the offer is declined or if no response is given within the allotted time for reply, the person is removed from the wait list. The time allotted to check out a plot and reply is 7 calendar days.
- c) Persons who are removed from the wait list may re-apply and will be placed at the end of the list.
- d) Names remain on the list from year to year, if no plot is offered.

4. Inspections

- a) The Garden Plot Coordinator will inspect and send written notices to gardeners whose plots are not in compliance with the rules, who interfere with neighbors; or, whose plots are not used appropriately.
- b) The Garden Plot Coordinator will contact the garden plot renter to address problems.
- c) Gardeners who fail to address a rules violation within 14 calendar days, or within an alternative time-frame specified by the Garden Plot Coordinator, risk losing their garden plot rental.

5. Plot Return Policy

- a) Gardeners may return their plots at any time by contacting HEN via email at www.herndonenvironment.org or the Garden Plot Coordinator at 703-435-0772.
- b) Garden plot renters may not give away or sublet their rented plot to other renters. All garden plot trades

or plot rental terminations must be managed by the Garden Plot Coordinator.

c) Fees are not returned or prorated if a garden plot is returned early or if it is reclaimed.

6. Safety

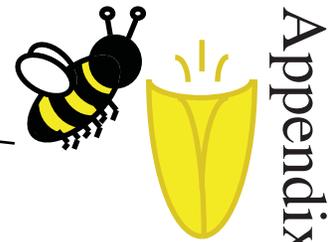
a) Renters garden at their own risk.

b) Since all plot locations are in public parks, the public cannot be banned from these areas. HEN, the Town of Herndon, and/or FCPA assume no responsibility for any loss or damage to personal property, plants or produce at the Garden Plots.

c) Should you observe illegal activities, such as theft, alcohol use, malicious damage, etc., please contact the Herndon Police Department at 703-435-6846. You may file a report at the Herndon Police Department website, https://www.herndon-va.gov/Content/public_safety/.

Please be a responsible member of the Garden Plot community while enjoying the benefits of gardening in the Garden Plot Program. If you have any questions, please contact the Garden Plot Coordinator at 703-435-0772.

This page intentionally left blank.



About Us: Herndon Environmental Network



Herndon Environmental Network is a nonprofit founded by a small group of Herndon-area residents concerned about the state of the planet. Our activities began in 2012 and are all organized and led by volunteers. We are committed to improving awareness about environmental issues through education, projects, and events in and around the Herndon area.

Our mission is to establish a presence in the community and give voice to important issues affecting our lives and the environment. We believe a cleaner, healthier Earth starts with action and awareness right here in our own community.

Current projects

Community Garden Initiative - HEN is working to set up a community garden pilot program in the Town of Herndon.

Winter Environmental Film Series - Held in cooperation with Herndon Parks and Recreation at the Herndon Community Center. Events in 2013 and 2014; planned for 2015.

Habitat Heroes - Mission is to enable community members to help protect Herndon's plants and wildlife while spending time outdoors, meeting people, and restoring natural habitats. Meets monthly to remove invasive plants from local parks.

Hens for Herndon - A grassroots movement supported by HEN that ran a successful campaign to change the ordinance governing chickens in Herndon. Currently, up to four backyard hens are allowed (changed from one bird previously).

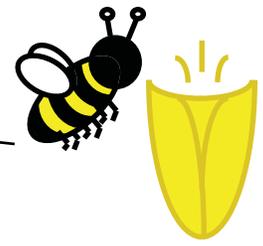
NOVA Climate Action Network - A coalition of environmental organizations, including HEN, working in Northern Virginia to fight climate change.

Past projects

- Stream and trail cleanups
- Tables at events such as Farmers Market, NatureFest/Quest, Bike to Work Day and more
- Neighborhood recycling contests "Battle of the Bottles" held in 2012 and 2013
- Tours of recycling centers and gardens
- Produced a series of videos aired on HCTV and posted online explaining how to identify and remove six invasive plant species
- Worked with several local elementary "green" programs
- Co-sponsored a successful e-cycling event in 2014
- Founder Carlin Anderson won a Cox Conserves award in 2013 that funded our grants program, awarded to local projects in 2014
- Received the 2013 Fairfax County Environmental Excellence Award (organization category)

More information about HEN projects, or how to get involved, can be found at www.herndonenvironment.org.

This page intentionally left blank.



Helpful Links and Resources

Green Spring Gardens, Community Garden Plots: Locations and Directions

<http://www.fairfaxcounty.gov/parks/greenspring/plots-locations.htm>

Alleycat Acres: Urban Farming Collective

<http://www.facebook.com/AlleycatAcres/notes>

American Community Garden Association

<http://communitygarden.org>

The Gardeners' Share

<http://www.facebook.com/pages/The-Gardeners-Share/211244315584812>

Fairfax County: Grants Available Through Neighborhood Enhancement Partnership Program

<http://www.fairfaxcounty.gov/news/2009/neighborhood-enhancement-program.htm>

Fairfax County Neighborhood Enhancement Partnership Program

<https://www.reston.org/ParksRecreationEvents/Parks-Facilities/GardenPlots/Default.aspx?qenc=HzT9ACzZbNs%3d&fqenc=%2fa9S7ogq3ove8G1aYs1xXg%3d%3d>

Chesapeake Bay Restoration Fund

<http://www.nfwf.org/chesapeake/pages/home.aspx>
The Chesapeake Bay Stewardship Fund (CBSF) issues grants and technical assistance to help local communities restore and protect water quality and vital habitats within the Chesapeake Bay watershed.

Pesticides: Topical & Chemical Fact Sheets

<http://www.epa.gov/pesticides/factsheets/ipm.htm>

Research Reveals Problems and Potential of Rain Gardens

<http://www.fairfaxcounty.gov/nvswcd/newsletter/rgresearch.htm>

WhatIsIPM.org (Integrated Pest Management)

<http://www.whatisipm.org/>

EarthWormDigest.org: The #1 Earthworm Information Website in the World

<http://www.wormdigest.org/>

Virginia Tech Department of Entomology: Insect Identification Lab

<http://www.insectid.ento.vt.edu/>

The Atlantic City Lab: “What I learned about community by working with community gardens” by Julie Mendoza

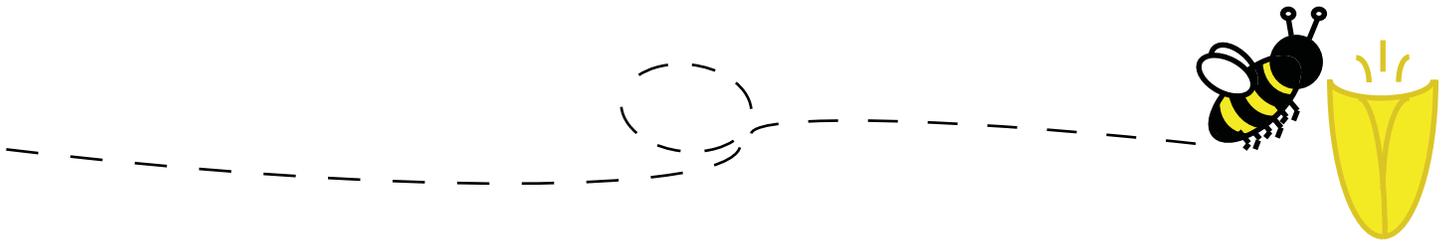
<http://www.theatlanticcities.com/arts-and-life-style/2012/04/what-i-learned-about-community-working-community-gardens/1775/>

ChangeLab Solutions: Ground Rules - A legal toolkit for community gardens

<http://changelabsolutions.org/publications/ground-rules>

This page intentionally left blank.

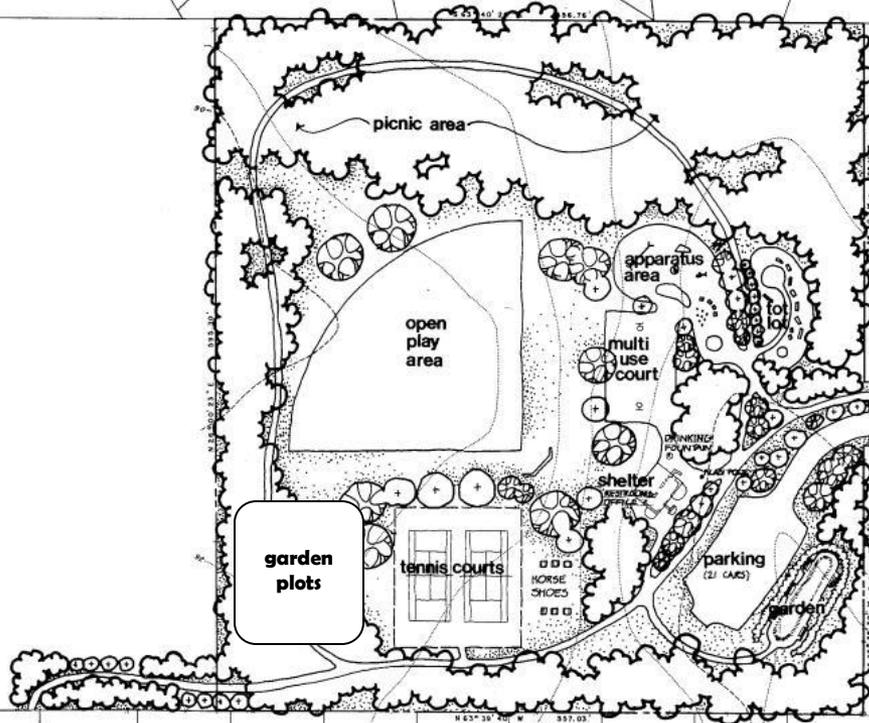
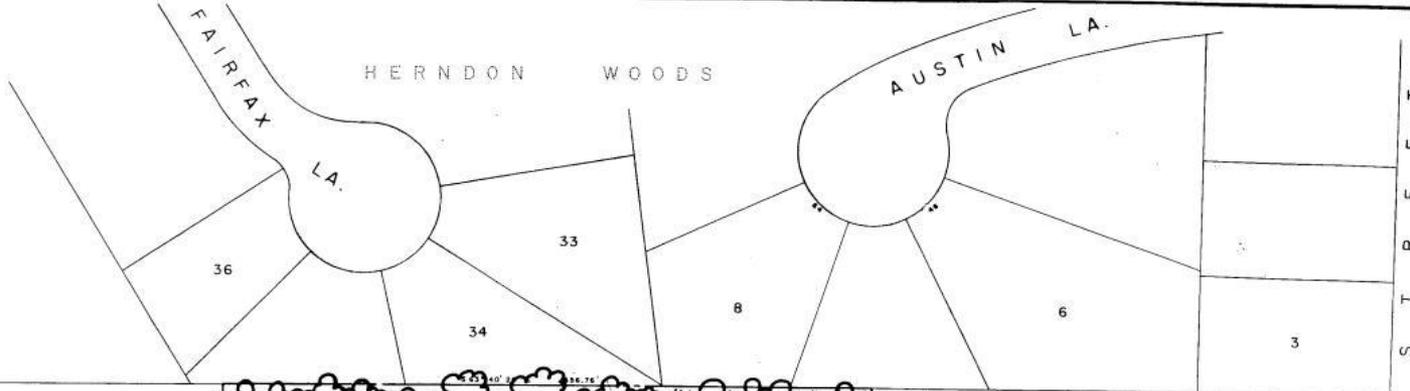
This page intentionally left blank.



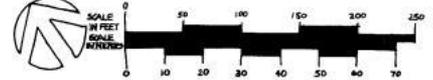
Published July, 2014
Herndon Environmental Network
www.herndonenvironment.org



**Herndon
Environmental
Network**



DRAFT
MASTER PLAN Amendment
BRUIN PARK
 FAIRFAX COUNTY, VIRGINIA
 FAIRFAX COUNTY PARK AUTHORITY - APRIL 1966



A L A B A M A

D R I V E

S T R E E T
 V A N B U R E N

This page intentionally left blank.

Committee Agenda Item
October 8, 2014

INFORMATION

Monthly Contract Activity Report

The Monthly Contract Activity Report lists all contract activities in support of the Capital Improvement Program (CIP) authorized during the month of September 2014 in value over \$100,000. The report lists professional services and construction activities to include awards made via competitive bidding as well as awards made through the use of open-ended contracts. An activity is reported when procurement begins and is listed on the report until a Notice to Proceed (NTP) is issued.

ENCLOSED DOCUMENTS:

Attachment 1: Monthly Contract Activity Report

STAFF:

Kirk W. Kincannon, Director

Cindy Messinger, Deputy Director/CFO

Sara Baldwin, Deputy Director/COO

David Bowden, Director, Planning and Development Division

John Lehman, Manager, Project Management Branch

Tim Scott, Project Coordinator, Project Management Branch

Brian Williams, Project Coordinator, Land Acquisition and Management Branch

Monika Szczepaniec, Project Coordinator, Project Management Branch

Janet Burns, Senior Fiscal Administrator

Michael P. Baird, Manager, Capital and Fiscal Services

This page intentionally left blank.

Construction Services:								
Project Name	Company Name	Contract Award	Total Construction	Type of Contract	Funding Source	Scope of Work	NTP	Comments
Greendale Golf Course Drainage Pipe Replacement	Finley Asphalt Paving and Sealing			PO	WBS/IO PR-000092-005 Fund 300-C30400	Replace deteriorated drainage pipe on golf course.		
Lake Fairfax Water Mine Expansion	J.A. Scheibel, Inc.	\$4,429,000	\$5,234,089	Contract (CP)	WBS/IO PR-000092-006 Fund 300-C30400	Expand the facility to include a 3,000 square foot tot spraypad, 5,200 square foot active spraypad, and a 30 foot tall slide tower with 2 flume slides.		Project successfully re-bid. Bids received 9/15/2014
Rolling Valley West Synthetic Turf Field #2	FieldTurf USA	\$639,640.02	\$810,000	PO	WBS/IO PR-000091-008 Fund 300-C30400	Convert existing natural turf field to synthetic turf, accessible route, storm water enhancements		
Spring Hill Park Accessible Trails	Southern Asphalt Co. Inc.	\$112,690.70	\$120,000	PO	WBS/IO PR-000092-004 Fund 300-C30400	Construct accessible trail from RECenter parking to lower level. Replace trails along Lewinsville Rd. and Spring Hill Rd. Construct trail from new park entrance to RECenter.		
Laurel Hill Nike Site 90' Diamond				PO				

Professional Services:					
Project Name	Firm Name	Amount	Funding Source	Scope of Services	NTP
Lake Fairfax Water Mine Expansion	Burgess & Niple, Inc.	\$108,363.48	WBS/PR/000092-006 Fund 300-C30400	Construction Administration services.	

This page intentionally left blank.