



CITY COUNCIL AGENDA
May 16, 2016

5:30 p.m. **Closed session as provided by Section 2.2-3712 of the Virginia Code**
Second Floor Conference Room

7:00 p.m. **Regular Meeting**
Council Chambers

CALL TO ORDER
PLEDGE OF ALLEGIANCE
ROLL CALL

AWARDS/RECOGNITIONS Mental Health Awareness; Bike/Pedestrian Month; Daughters of Zion
ANNOUNCEMENTS City/County MOU Signing

APPOINTMENTS TO BOARDS & COMMISSIONS
CITY MANAGER RESPONSE TO MATTERS BY THE PUBLIC

MATTERS BY THE PUBLIC Public comment provided for up to 12 speakers publicized at noon the day of the meeting (limit 3 minutes per speaker) and for an unlimited number of speakers at the end of the meeting on any item, provided that a public hearing is not planned or has not previously been held on the matter.

1. CONSENT AGENDA* (Items removed from consent agenda will be considered at the end of the regular agenda.)

- a. Minutes for May 2
- b. APPROPRIATION: 2016-17 Community Development Block Grant – \$407,585.44 (2nd of 2 readings)
- c. APPROPRIATION: 2016-17 HOME Funds – \$69,849 (2nd of 2 readings)
- d. APPROPRIATION: Housing Funds for Free Paint Program -- \$15,000 (2nd of 2 readings)
- e. APPROPRIATION: Loan Repayment Proceeds from Brown – \$43,481 and Brown – \$879 (2nd of 2 readings)
- f. APPROPRIATION: Out-of-School Time Programs grant from the National Recreation and Park Association in Partnership with the Wal-Mart Foundation \$15,000 (2nd of 2 readings)
- g. APPROPRIATION: Domestic Violence Services Coordinator Grant - \$47,481 (2nd of 2 readings)
- h. APPROPRIATION: CATEC to the CATEC – IT Network Academy Project – \$47,194 (2nd of 2 readings)
- i. APPROPRIATION: Charlottesville City Schools (C.C.S.) to the C.C.S. Enhanced Entrance Security Project - \$50,000 (2nd of 2 readings)
- j. APPROPRIATION: Albemarle County Reimbursement for the Gordon Avenue Library Main Level Restroom Renovation (Design Only) Project – \$2,487.50 (2nd of 2 readings)
- k. RESOLUTION: V.D.O.T. Transfer of Grant funds for Construction of McIntire Park trail bridge over railroad – \$145,599 (1st of 1 reading)
- l. RESOLUTION: City/County MOUs (1st of 1 reading)
- m. RESOLUTION: Pavilion Naming Rights (1st of 1 reading)
- n. RESOLUTION: Acquisition of Greenbelt Trail off Meridian St. (1st of 1 reading)
- o. RESOLUTION: Transfer of Funds from Stormwater Utility to C.H.S. Green Stormwater Infrastructure Retrofit Project – \$70,000 (1st of 1 reading)
- p. RESOLUTION: Self-Contained Breathing Apparatus System – \$463,035 (1st of 1 reading)
- q. ORDINANCE: Sanitary Sewer and Slope Easements Abandonment – William Taylor Plaza Project (2nd of 2 readings)

2. PUBLIC HEARING / ORDINANCE* Utility Rates (1st of 2 readings) – **20 mins**

3. PUBLIC HEARING / RESOLUTION* Condemnation for Utilities at Steephill Street (1st of 1 reading) – **20 mins**

4. REPORT Tree Commission Annual Report – **20 mins**

5. REPORT Integrated Pest Management Annual Report – **20 mins**

OTHER BUSINESS
MATTERS BY THE PUBLIC

***ACTION NEEDED**

GUIDELINES FOR PUBLIC COMMENT

**We welcome public comment;
it is an important part of our meeting.**

Time is reserved near the beginning and at the end of each regular City Council meeting for Matters by the Public.

Please follow these guidelines for public comment:

- If you are here to speak for a **Public Hearing**, please wait to speak on the matter until the report for that item has been presented and the Public Hearing has been opened.
- Each speaker has **3 minutes** to speak. Please give your name and address before beginning your remarks.
- Please **do not interrupt speakers**, whether or not you agree with them.
- Please **refrain from using obscenities**.
- If you cannot follow these guidelines, you will be escorted from City Council Chambers and not permitted to reenter.

CITY OF CHARLOTTESVILLE, VIRGINIA
CITY COUNCIL AGENDA



Agenda Date:	May 2, 2016
Action Required:	Appropriation and Approval
Presenter:	Tierra Howard, Grants Coordinator, NDS
Staff Contacts:	Tierra Howard, Grants Coordinator, NDS
Title:	Approval and Appropriation of CDBG & HOME Budget Allocations for FY 2016-2017

Background:

This agenda item includes project recommendations, action plan approval, and appropriations for the Community Development Block Grant (CDBG) and HOME Investment Partnerships (HOME) funds to be received by the City of Charlottesville from the U.S. Department of Housing and Urban Development (HUD).

Discussion:

In Fall 2015, the City of Charlottesville advertised a Request for Proposals (RFP) based on the priorities set by Council on September 21, 2015 for Microenterprise Assistance; Workforce Development, Quality Childcare; and Homeownership/Downpayment Assistance. The City received 3 applications totaling \$20,800 for housing projects; 6 applications totaling \$96,500 for public service projects; and 5 applications totaling \$74,000 for economic development projects. A summary of applications received is included in this packet.

In January and February 2016, the CDBG Task Force reviewed and recommended housing and public service projects for funding; the Strategic Action Team on Economic and Workforce Development reviewed and recommended economic development projects for funding. Office of Economic Development applicants recused themselves from the process. The 10th and Page Priority Task Force met over the course of 2014 and made recommendations for neighborhood improvements. Previous prioritized recommendations are currently being carried out. The Task Force will reconvene to discuss additional improvement projects for FY 16-17 and 17-18.

On March 8, 2016, these items came before the Planning Commission and Council for a joint public hearing. The Planning Commission accepted the report and unanimously recommended the proposed budget for approval by City Council. There was not a Council quorum for the public hearing at the meeting, therefore, the public hearing is scheduled to be held on May 2nd.

CDBG and HOME Project Recommendations for FY 16-17: The CDBG program has an estimated \$371,309 for the 2016-2017 program year; the HOME program was expecting to be dramatically cut with the City expecting \$0 for program year 2016-2017, however HOME funding has been restored and the City is expecting to receive an estimate of \$58,207 for the 2016-2017 program year. The CDBG total reflects the \$371,309 entitlement grant, \$6,454.65 in Reprogramming, and \$29,821.79 in previous years' entitlement available after program income has been applied. The HOME total consists of an estimated \$58,207, which is the City's portion of the Consortium's appropriation, in addition to \$11,642 for the City's 20% required match, \$0 in reprogramming and \$0 in program income. Minutes from the meetings are attached which outline the recommendations made. It is important to note that all projects went through an extensive review as a result of an RFP process.

Housing Projects: The CDBG Task Force has recommended housing programs that are consistent with those from prior years. The main areas of focus are based on Consolidated Plan goals related to homeowner rehabilitation.

Projects recommended for funding include:

- AHIP, funds to provide homeowner rehabs

Estimated benefits include 5 homeowner rehabs.

Priority Neighborhood: The FY 2016-2017 Priority Neighborhood is the Block by Block area of 10th and Page. The 10th and Page Priority Neighborhood Task Force has previously recommended several projects to improve the streetscape and pedestrian safety along the 10th Street Corridor and within the 10th & Page Neighborhood. Previous recommendations provided by the Task Force have been prioritized and are currently being carried out in the 10th & Page Neighborhood. The Priority Neighborhood Task Force will reconvene to discuss additional improvement projects for FY 16-17 and FY 17-18.

Economic Development: Council set aside FY 16-17 CDBG funds for Economic Development activities. The Strategic Action Team reviewed proposals for funding.

Projects recommended for funding include:

- Community Investment Collaborative: scholarships to low-income entrepreneurs
- Seedplanters: technical assistance to women entrepreneurs
- Office of Economic Development: small business development

Funds are proposed to be used to provide scholarships, technical assistance, and business support services to an estimate of 12 qualified Charlottesville businesses and at least 20 entrepreneurs hoping to launch their own micro-enterprises.

Public Service Projects: The CDBG Task Force has recommended several public service programs. Programs were evaluated based on Council's priority for workforce development and quality childcare. Programs were also evaluated based upon consistency, need, collaboration, achievability, outcomes, leverage, capacity, experience, and overall impression of the funding proposal. Funding will enable the organizations to provide increased levels of service to the

community.

Projects recommended for funding include:

- City of Promise: Enrolled to Launch - access to quality childcare program
- OAR: Re-entry Services
- Office of Economic Development: GO Driver Workforce Training
- Community Attention: Youth Internship Program
- United Way – Childcare Subsidies

Estimated benefits include helping 5 youth gain workforce readiness skills, helping at least 2 adults with direct employment training, providing childcare subsidies for up to 3 families, providing supportive services around accessing quality childcare for 20 children, and helping 150 recently released offenders will receive supportive services to help reduce recidivism.

Administration and Planning: To pay for the costs of staff working with CDBG projects, citizen participation, and other costs directly related to CDBG funds, \$74,261.80 is budgeted.

Program Income/Reprogramming: For FY 2016-2017, the City has \$27,821.79 in previous CDBG EN that has been made available through the application of received Program Income (PI) to be circulated back into the CDBG budget. The City has \$0 in HOME PI and \$0 in reprogramming to be circulated back into the HOME budget. There are also completed CDBG projects that have remaining funds to be reprogrammed amounting to \$6,454.65 CDBG. These are outlined in the attached materials.

Community Engagement:

A request for proposals was held for housing, economic development, facilities and public service programs. Applications received were reviewed by the CDBG Task Force or SAT. Priority Neighborhood recommendations were made by the 10th and Page CDBG Task Force.

Alignment with City Council's Vision and Strategic Plan:

Approval of this agenda item aligns directly with Council's vision for Charlottesville to have **Economic Sustainability and Quality Housing Opportunities for All.**

Budgetary Impact: Proposed CDBG projects will be carried out using only the City's CDBG funds. The HOME program requires the City to provide a 20% match. The sum necessary to meet the FY 2016-2017 match is \$11,642, which will need to be appropriated out of the Charlottesville Housing Fund (CP-0084) at a future date.

Recommendation:

Staff recommends approval of the CDBG and HOME projects as well as the reprogramming of funds. Planning Commission recommended approval of the proposed budget with any percent changes to the estimated amounts being applied equally to all programs on March 8, 2016. All Planning Commissioners present at the meeting voted. Staff also recommends approval of the appropriations. Funds will not be available or eligible to be spent until HUD releases funds on July 1, 2016. If the funds are not released on that date, funds included in this budget will not be spent until HUD releases the entitlement.

Alternatives:

No alternatives are proposed.

Attachments:

2016-2017 Proposed CDBG and HOME Budget
Appropriation Resolution for CDBG funds
Appropriation Resolution for HOME funds
Appropriation Resolution for CDBG reprogrammed funds
Summary of RFPs submitted
Minutes from CDBG Task Force meetings

2016-2017 CDBG BUDGET ALLOCATIONS
RECOMMENDED BY CDBG TASK FORCE and SAT: 1/13/16, 1/29/16, 2/9/16, 2/8/16, and 2/11/16
RECOMMENDED BY PLANNING COMMISSION: 3/8/2016
RECOMMENDED BY CITY COUNCIL: 5/2/2016

I.	PRIORITY NEIGHBORHOOD		
	A. 10 th and Page –		\$243,128.44*
II.	ECONOMIC DEVELOPMENT PROJECTS		
	A. Community Investment Collaborative Scholarships	\$ 12,500	
	B. Seedplanters Women Entrepreneur Academy	\$ 10,000	
	C. Office of Economic Development Small Business Development	\$ 12,000	
		ECONOMIC DEVELOPMENT TOTAL:	\$34,500
III.	PUBLIC SERVICE PROJECTS		
	A. OAR – Reentry Services	\$ 14,856	
	B. United Way – Child Care Subsidies	\$ 14,106	
	C. Office Economic Development – GO Driver	\$ 12,021	
	D. City of Promise – Enrolled to Launch Childcare Access Program	\$ 9,857	
	E. Community Attention - Youth Internship Program	\$ 4,856	
		SOCIAL PROGRAMS TOTAL:	\$55,696 (15% EN)
IV.	ADMINISTRATION AND PLANNING:		
	A. Admin and Planning		\$74,261 (20% EN)
		GRAND TOTAL:	\$407,585.44
		ESTIMATED NEW ENTITLEMENT AMOUNT:	\$371,309
		ESTIMATED EN AVAILABLE AFTER PI APPLIED:	\$29,821.79
		REPROGRAMMING:	\$6,454.65

* Funding includes program income/reprogrammed funds

2016-2017 HOME BUDGET ALLOCATIONS

A.	AHIP – Homeowner Rehabs	\$69,849*
		GRANDTOTAL:
		\$69,849
		ENTITLEMENT AMOUNT:
		\$58,207
		ESTIMATED EN AVAILABLE AFTER PI APPLIED:
		\$0.00
		REPROGRAMMING:
		\$0.00
		LOCAL MATCH:
		\$11,642

* Only Entitlement funds (except Admin and Planning amount) require local match

**APPROPRIATION OF FUNDS FOR
THE CITY OF CHARLOTTESVILLE'S 2016-2017
COMMUNITY DEVELOPMENT BLOCK GRANT - \$407,585.44**

WHEREAS, the City of Charlottesville has been advised of the approval by the U.S. Department of Housing and Urban Development of a Community Development Block Grant (CDBG) for the 2016-2017 fiscal year in the total amount of \$407,585.44 that includes new entitlement from HUD amounting to \$371,309.00, previous entitlement made available through program income of \$29,821.79, and previous entitlement made available through reprogramming of \$6454.65.

WHEREAS, City Council has received recommendations for the expenditure of funds from the CDBG Task Force, the SAT, the 10th and Page Priority Neighborhood Task Force and the City Planning Commission; and has conducted a public hearing thereon as provided by law; now, therefore

BE IT RESOLVED by the City Council of Charlottesville, Virginia, that the sums hereinafter set forth are hereby appropriated from funds received from the aforesaid grant to the following individual expenditure accounts in the Community Development Block Grant Fund for the respective purposes set forth; provided, however, that the City Manager is hereby authorized to transfer funds between and among such individual accounts as circumstances may require, to the extent permitted by applicable federal grant regulations.

PRIORITY NEIGHBORHOOD

10th and Page – Pedestrian safety and accessibility improvements \$243,128.44

ECONOMIC DEVELOPMENT

Community Investment Collaborative Scholarships	\$12,500
Office of Economic Development Small Business Development	\$12,000
Seedplanters Women Entrepreneurship Academy	\$10,000

PUBLIC SERVICE PROGRAMS

OAR Re-entry Services	\$14,856
United Way – Childcare Subsidies	\$14,106
OED GO Driver Workforce Training	\$12,021
City of Promise – Enrolled to Launch Childcare Program	\$9,857
Community Attention – Youth Internship Program	\$4,856

ADMINISTRATION AND PLANNING:

Admin and Planning	\$74,261
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TOTAL	\$407,585.44
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BE IT FURTHER RESOLVED that this appropriation is conditioned upon the receipt of \$371,309 from the Department of Housing and Urban Development.

The amounts so appropriated as grants to other public agencies and private non-profit, charitable organizations (sub-recipients) are for the sole purpose stated. The City Manager is authorized to enter into agreements with those agencies and organizations as he may deem advisable to ensure that the grants are expended for the intended purposes, and in accordance with applicable federal and state laws and regulations; and

The City Manager, the Directors of Finance or Neighborhood Development Services, and staff are authorized to establish administrative procedures and provide for mutual assistance in the execution of the programs.

**APPROPRIATION OF FUNDS FOR
THE CITY OF CHARLOTTESVILLE'S 2016-2017
HOME FUNDS \$69,849**

WHEREAS, the City of Charlottesville has been advised of the approval by the U.S. Department of Housing and Urban Development of HOME Investment Partnership (HOME) funding for the 2016-2017 fiscal year;

WHEREAS, the region is receiving an award for HOME funds for fiscal year 16-17 of which the City will receive \$58,207 to be expended on affordable housing initiatives such as homeowner rehab and downpayment assistance.

WHEREAS, it is a requirement of this grant that projects funded with HOME initiatives money be matched with local funding in varying degrees;

BE IT RESOLVED by the Council of the City of Charlottesville, Virginia that the local match for the above listed programs will be covered by the Charlottesville Housing Fund (account CP-0084 in SAP system) in the amount of \$11,642; the resolution for this appropriation with come forward after July 1, 2016. Project totals also include previous entitlement made available through program income of \$0 and previous entitlement made available through reprogramming of \$0. The total of the HUD money, program income, reprogramming, and the local match, equals \$69,849 and will be distributed as shown below.

PROJECTS	HOME EN	% MATCH	MATCH	TOTAL
AHIP, Homeowner Rehabs	\$58,207	20	\$11,642	\$69,849

BE IT FURTHER RESOLVED that this appropriation is conditioned upon the receipt of \$58,207 from the Department of Housing and Urban Development.

The amounts so appropriated as grants to other public agencies and private non-profit, charitable organizations (subrecipients) are for the sole purpose stated. The City Manager is authorized to enter into agreements with those agencies and organizations as he may deem advisable to ensure that the grants are expended for the intended purposes, and in accordance with applicable federal and state laws and regulations; and

The City Manager, the Directors of Finance or Neighborhood Development Services, and staff are authorized to establish administrative procedures and provide for mutual assistance in the execution of the programs.

**CITY OF CHARLOTTESVILLE, VIRGINIA
CITY COUNCIL AGENDA**



Agenda Date:	May 2, 2016
Action Required:	Approval of Resolution
Presenter:	Kathy McHugh, Housing Development Specialist
Staff Contacts:	Kathy McHugh, Housing Development Specialist Tierra Howard, Grants Coordinator
Title:	Allocation of Charlottesville Affordable Housing Fund (CAHF) for Free Paint Program- \$15,000

Background:

The City of Charlottesville's Free Paint Program offers free exterior paint to income eligible City homeowners. In addition, homeowners who rent to an income qualified household are also eligible to receive free paint. The program provides caulk, as well as paint and primer for exterior siding, trim, roof and porch / deck areas. Participants are required to complete the project within 90 days of receiving the paint. City staff verifies that work has been done, allowing additional time on a case by case basis, as warranted. Participants are responsible for providing labor and for purchasing all other supplies, unless the City determines that other "minimal" supplies (brushes, rollers, etc...) are necessary to support completion of the work. Applicants are eligible to receive free paint every three (3) years for their home or portion of the home that has been previously painted through this program. Free paint may also be provided to a non-profit organization if they serve low-income residents or the organization has received City CDBG/HOME/CAHF funding in the past. The City's current vendor for this program is Martin's Hardware.

Since FY 08, the City has provided assistance through the Free Paint program to 102 non-duplicated households. At a combined cost of \$44,709.40, the average cost per house assisted is \$438. There is no deed of trust or promissory note attached to this assistance, as staff time related to document preparation, cost of filing and tracking outweigh the nominal amount being provided. With less than \$500 remaining in the fund, additional funds will need to be approved to continue this program

Discussion:

This program provides a resource for those within the City that cannot otherwise afford expensive paint and supplies to maintain the exterior of their homes. While demand for the program is limited to less than a dozen households per year, the limited investment by the City helps private property owners to maintain their properties and provide a source of funding for those who are cited by City Property Maintenance Inspectors with peeling paint or exposed exterior surfaces.

While limited, at least in part to lack of staff time to promote the program, the Free Paint program is

still a viable tool to support affordable housing efforts in the City and its continuance will provide resources to those who don't have other options for maintaining their homes in compliance with local codes.

Alignment with City Council's Vision and Strategic Plan:

Approval of this agenda items aligns indirectly with the City Council Vision for Charlottesville to provide quality housing opportunities for all. The proposed action also aligns indirectly with the Strategic Plan at goal 1.3 which speaks to increasing affordable housing options.

Community Engagement:

There has been no specific community engagement related to this request.

Budgetary Impact:

The proposed project will require \$15,000 from currently unallocated CAHF funds.

Recommendation:

Staff recommends approval of the attached resolution.

Alternatives:

Council could deny this request or include specific amendments to program operating guidelines. They could also approve a lesser amount; however, the current request is meant to provide funds for approximately 3 years assuming a continuation of the current averages for use and amount of assistance.

Attachment:

Resolution

RESOLUTION
Charlottesville Affordable Housing Fund Assistance for
City's Free Paint Program
\$15,000

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Charlottesville, Virginia that the sum of \$15,000 be allocated to the City's Free Paint Program from previously appropriated funds in the Charlottesville Affordable Housing Fund in the following manner:

Fund: 426	Project: CP-084	G/L Account: 599999
City's Free Paint Program	\$15,000	

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**CITY OF CHARLOTTESVILLE, VIRGINIA.
CITY COUNCIL AGENDA**



Agenda Date:	May 2, 2016 Updated for May 16, 2016
Action Required:	Approval of Appropriation
Staff Contacts:	Kathy McHugh, Housing Development Specialist
Presenter:	Kathy McHugh, Housing Development Specialist
Title:	Appropriation of Funds - \$43,481.26 (William V. Brown Loan Payoff) and \$878.80 (James H. Brown and Dorothy E. Brown Small Repair Loan Partial Payments) to the Charlottesville Affordable Housing Fund (CP-084)

Background:

The City has received funds that need to be appropriated into the Charlottesville Affordable Housing Fund. Specifically, William V. Brown, former owner of 515 11th Street NW, received a substantial housing rehabilitation loan (evidenced by a promissory note and deed of trust dated June 26, 2013 - City Instrument #2013-3243) through the Albemarle Housing Improvement Program (AHIP). Mr. Brown died last year and his heirs have sold the property; however, \$43,481.26 was still owed to the City under our deed of trust.

In addition, the Finance Department advises that there are prior payments received in FY 13/14 from James H. and Dorothy E. Brown (former owners of 708 Concord Avenue) that also need to be appropriated. Specifically, the Brown's received a Small Repair Loan on March 8, 2010 for \$4,056.54 that required payments, but these payments stopped in November 2014. According to Clerk's Office records, James H. Brown died on December 2, 2014 and Dorothy E. Brown died one week later on December 9, 2014. Therefore, the balance due on this loan (\$1,539.74) has been deemed uncollectible. The \$878.80 of payments received, but not previously appropriated, needs to be addressed at this time.

This memo has been revised for second reading to correct a mistake that overstated the payment received from William V. Brown by \$4,000. No other changes have been made.

Discussion:

Funds from the William V. Brown loan payoff and funds from the James H. and Dorothy E. Brown loan payments need be appropriated to the Charlottesville Affordable Housing Fund (CP-084), effectively returning these funds to their original source.

Community Engagement:

There has been no direct community engagement on this issue.

Alignment with City Council Vision and Strategic Plan:

Approval of this agenda item aligns indirectly with Council’s vision for Charlottesville to provide *Quality Housing Opportunities for All* and Goal 1, Objective 1.3 of the Strategic Plan to *increase affordable housing options*.

Budgetary Impact:

The funds will be appropriated into the Charlottesville Affordable Housing Fund, which is a part of the City’s Capital Improvement Program Fund.

Recommendation

Staff recommends approval of the appropriation.

Alternatives:

There is no viable alternative for appropriation of the funds, as these funds need to be returned to their original source (Charlottesville Affordable Housing Fund).

Attachments: N/A

APPROPRIATION
Charlottesville Affordable Housing Fund
William V. Brown Deed of Trust Payoff - \$43,481.26
and James H. and Dorothy E. Brown Small Repair Loan Payments - \$878.80
\$44,360.06

WHEREAS, the City of Charlottesville has received funding from the payoff received for the William V. Brown Deed of Trust (\$43,481.26); and

WHEREAS, the City of Charlottesville has received funding from partial loan payments received for the James H. and Dorothy E. Brown Small Repair Loan (\$878.80); and

WHEREAS, funds should be paid into the Charlottesville Affordable Housing Fund; and

NOW, THEREFORE BE IT RESOLVED by the Council of the City of Charlottesville, Virginia, that the sum of \$48,360.06 is appropriated as follows:

Revenues

\$44,360.06	Fund: 426	Project: CP-084	G/L Code: 451160
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Expenditures

\$44,360.06	Fund: 426	Project: CP-084	G/L Code: 599999
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**CITY OF CHARLOTTESVILLE, VIRGINIA
CITY COUNCIL AGENDA**



Agenda Date: May 2, 2016

Action Required: Approval and Appropriation

Presenter: Riaan Anthony, Recreation Program Manager

Staff Contacts: Riaan Anthony, Recreation Program Manager
Maya Kumazawa, Budget and Management Analyst

**Title: Out-of-School Time Programs grant from the National Recreation and Park Association in Partnership with the Wal-Mart Foundation
\$15,000**

Background:

The City of Charlottesville, through Parks and Recreation, has received a grant for \$15,000 from the National Recreation and Park Association (N.R.P.A.) and the Wal-Mart Foundation. This funding was awarded to agencies who currently participate in the U.S.D.A. Summer Food Service Program (S.F.S.P.) and the Child and Adult Food Care Program (C.A.C.F.P.). Charlottesville Parks and Recreation currently offers meals to over 1,000 children enrolled in our summer camp and afterschool programs.

Discussion:

The funds will be used to support and enhance our existing participation in the S.F.S.P. and the C.A.C.F.P. by

1. Increasing the number of healthy meals children in low-income communities receive through the Summer Food Service Program (SFSP) and the Child and Adult Care Food Program (CACFP) during out-of-school times;
2. Providing evidence-based, age appropriate nutrition literacy to children that creates behavior change by teaching the importance of healthy eating;
3. Implementing nutrition standards that increase access to healthier foods and support a healthy eating environment;
4. Promoting meal and program efficiencies that will reduce costs, maximize existing resources, decrease food waste, and lead to more sustainable meal programs.

Alignment with City Council’s Vision and Strategic Plan:

Approval of this agenda item aligns directly with Council’s vision for Charlottesville to be America’s Healthiest City and it contributes to Goal 2 of the Strategic Plan: Be a safe, equitable, thriving, and beautiful community. Children will receive nutritious breakfast, lunch and/or dinner, hopefully replacing a meal that did not exist or providing a healthier balanced option for them.

Community Engagement:

N/A

Budgetary Impact:

There is no impact on the General Fund. The funds will be expensed to a Grants Fund.

Recommendation:

Staff recommends approval and appropriation of grant funds.

Alternatives:

If money is not appropriated, we would not be able to increase our enrollment numbers and implement nutrition literacy and physical activity programming.

APPROPRIATION

**Out-of-School Time Programs grant from the National Recreation and Park Association in Partnership with the Wal-Mart Foundation
\$15,000**

WHEREAS, the City of Charlottesville, through Parks and Recreation, has received a grant of \$15,000 from the National Recreation and Parks Association and the Wal-Mart Foundation to support and enhance our participation in the S.F.S.P. and the C.A.C.F.P.

WHEREAS, the grant award covers the period from period March 31, 2016 through May 1, 2018.

NOW, THEREFORE BE IT RESOLVED by the Council of the City of Charlottesville, Virginia, that the sum of \$15,000, received from the National Recreation and Park Association and the Wal-Mart Foundation is hereby appropriated in the following manner:

Revenue – \$15,000

Fund: 210 Internal Order: 1900265 G/L Account: 451022 Other Grants

Expenditures - \$15,000

Fund: 210 Internal Order: 1900265 G/L Account: 599999 Lump Sum

BE IT FURTHER RESOLVED, that this appropriation is conditioned upon the receipt of \$15,000 from the National Recreation and Park Association and the Wal-Mart Foundation.

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**CITY OF CHARLOTTESVILLE, VIRGINIA
CITY COUNCIL AGENDA**



Agenda Date:	May 2, 2016
Action Required:	Approval and Appropriation
Presenter:	Areshini Pather, Commonwealth Attorney's Office
Staff Contacts:	Areshini Pather, Commonwealth Attorney's Office Maya Kumazawa, Budget and Management Analyst
Title:	Domestic Violence Services Coordinator Grant - \$47,481

Background:

The City of Charlottesville has been awarded \$38,336 from the Department of Criminal Justice Services for the Charlottesville/Albemarle Domestic Violence Community Services Coordinator in the City's Commonwealth's Attorney's Office. There is a local match requirement, which will be met by a combination of \$9,145 cash and \$8,275 in-kind match, for a total of \$17,420 match.

Discussion:

The Domestic Violence Coordinator position assists in the efficient delivery of services and access to the court process for the victims of domestic violence in both Charlottesville and Albemarle County by helping in the preparation of domestic violence cases for prosecution and by assisting victims in obtaining protective orders. The Coordinator serves as a case manager on behalf of victims in relation to their interactions with community agencies that deliver needed services such as shelter, civil legal assistance, and counseling. No other person in local government fills this specific function on behalf of victims of domestic violence.

Alignment with City Council's Vision and Strategic Plan:

Approval of this agenda item aligns directly with Council's vision for Charlottesville to be America's Healthiest City and contributes to their priority to: Provide a comprehensive support system for children.

The program also aligns with Strategic Plan Goal 2: Be a safe, equitable, thriving and beautiful community, Objective 2.4 Ensure families and individuals are safe and stable. The Domestic Violence Coordinator contributes to the health and safety of the community by connecting victims of domestic violence and their children to service providers for emergency shelter, medical and mental health services, housing resources, legal assistance and other services.

Community Engagement:

The Domestic Violence Services Coordinator is a direct service provider and is engaged daily with victims of domestic violence and stalking who access services through referrals from police, court services, social services and other allied agencies. The Coordinator works with over 300 individuals yearly and serves on several coordinating councils: the Albemarle/Charlottesville Domestic Violence Council, the Monticello Area Domestic Violence Fatality Review Team, and the Charlottesville/Albemarle Evidence Based Decision Making Policy Team. The Coordinator has actively been involved in the implementation of the Lethality Assessment Protocol (L.A.P.) used by Charlottesville, Albemarle and University of Virginia Police Departments.

Budgetary Impact:

This grant requires that twenty-five percent of project funds must be provided by cash or in-kind match. The City's Commonwealth Attorney's Office may provide \$3,145 cash match, and an in-kind match of \$4,213 for time donated to the program and office expenses. Albemarle County is to contribute \$6,000 cash as part of their match, and an in-kind match of \$3,000 for time donated to the program. Graduate student and intern hours will provide \$1,062 for time donated to program. The total anticipated cash and in-kind match of \$17,420 is more than sufficient to meet the minimum requirement.

Recommendation:

Staff recommends approval and appropriation of grant funds.

Alternatives:

In the event that the grant is not funded or that the funds are not appropriated, this position will cease to exist, as there are no other funds to support it.

Attachments:

Appropriation

APPROPRIATION

Domestic Violence Services Coordinator Grant

\$47,481

WHEREAS, The City of Charlottesville, through the Commonwealth Attorney’s Office, has received the Domestic Violence Services Coordinator Grant from the Virginia Department of Criminal Justice Services in the amount of \$38,336 in Federal pass-thru funds, Albemarle County is to contribute an additional \$6,000 in local cash match, and the City Commonwealth Attorney’s Office will contribute up to \$3,145 cash match, as needed to meet salary and benefit expenses.

NOW, THEREFORE BE IT RESOLVED by the Council of the City of Charlottesville, Virginia that the sum of \$47,481 is hereby appropriated in the following manner:

Revenues

\$38,336	Fund: 209	Cost Center: 1414002000	G/L Account: 430120
\$ 6,000	Fund: 209	Cost Center: 1414002000	G/L Account: 432030
\$ 3,145	Fund: 209	Cost Center: 1414002000	G/L Account: 498010

Expenditures

\$47,481	Fund: 209	Cost Center: 1414002000	G/L Account: 519999
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Transfer

\$ 3,145	Fund: 105	Cost Center: 1401001000	G/L Account: 561209
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BE IT FURTHER RESOLVED, that this appropriation is conditioned upon the receipt of \$38,336 from the Virginia Department of Criminal Justice Services, and \$6,000 from the County of Albemarle, Virginia.

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CITY OF CHARLOTTESVILLE, VIRGINIA.
CITY COUNCIL AGENDA.



Agenda Date:	May 2, 2016
Action Required:	Approve Appropriation of Funds
Presenter:	Mike Mollica, Division Manager, Facilities Development
Staff Contacts:	Mike Mollica, Division Manager, Facilities Development Ryan Davidson, Senior Budget & Management Analyst, Budget and Performance Management
Title:	Appropriation of Funds from C.A.T.E.C. to the C.A.T.E.C. – I.T. Network Academy Project - \$47,194

Background: The City of Charlottesville will receive a check from the Charlottesville Albemarle Technical Education Center (C.A.T.E.C.) in the amount of \$47,194 to be used for construction costs associated with facility renovations to accommodate the upcoming C.A.T.E.C. I.T. Network Academy.

Discussion: The City of Charlottesville Facilities Development Division is overseeing the C.A.T.E.C. – I.T. Network Academy Project. Construction costs were previously estimated at \$201,500. Bids were received in early April, but the low bid exceeded the construction cost estimate. Additionally, C.A.T.E.C. has elected to purchase two Additive Bid Items. C.A.T.E.C. has approved an additional \$47,194 for construction, with the understanding that any remaining funds will be returned to C.A.T.E.C. upon project completion. Appropriation of these funds is critical to move forward with the construction phase of this project – which is to occur over the school’s summer break.

Alignment with Council Vision Areas and Strategic Plan: This project supports City Council’s “Smart, Citizen-Focus Government” vision.

It contributes to Goal 4 of the Strategic Plan, to “be a well-managed and successful organization,” and objective 4.1, to “align resources with City’s strategic plan”.

Community Engagement: N/A

Budgetary Impact: The funds will be appropriated into the C.A.T.E.C. – I.T. Networking Academy Project Account in the Capital Improvement Program Fund (P-00881-09).

Recommendation: Staff recommends approval and appropriation of the funds.

Alternatives: N/A

Attachments: N/A

APPROPRIATION.

**Appropriation of Funds from C.A.T.E.C. to the C.A.T.E.C. – I.T. Networking Academy
Project Account: \$47,194**

WHEREAS, C.A.T.E.C. has made a contribution to the C.A.T.E.C. – I.T. Networking Academy Project in the amount of \$47,194 originating from C.A.T.E.C.'s Fund Balance.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Charlottesville, Virginia that \$47,194 from C.A.T.E.C. is to be appropriated in the following manner:

Revenues - \$47,194

Fund: 426 Funded Program: CP-016 (P-00881-09) G/L Account: 432900

Expenditures - \$47,194

Fund: 426 Funded Program: CP-016 (P-00881-09) G/L Account: 599999

BE IT FURTHER RESOLVED, that this appropriation is conditioned upon the receipt of \$47,194 from C.A.T.E.C.

**CITY OF CHARLOTTESVILLE, VIRGINIA.
CITY COUNCIL AGENDA.**



Agenda Date:	May 2, 2016
Action Required:	Approve Appropriation of Funds
Presenter:	Mike Mollica, Division Manager, Facilities Development
Staff Contacts:	Mike Mollica, Division Manager, Facilities Development Ryan Davidson, Senior Budget & Management Analyst, Budget and Performance Management
Title:	Appropriation of Funds from Charlottesville City Schools (C.C.S.) to the C.C.S. Enhanced Entrance Security Project - \$50,000

Background: The City of Charlottesville will receive a check from Charlottesville City Schools (C.C.S.) in the amount of \$50,000 for a portion of the expenses associated with the C.C.S. Enhanced Entrance Security Project.

Discussion: The purpose of this project is to add an additional layer of security – access control system(s) – at the main entrance of each of the nine C.C.S. campuses. Project scope is currently under development and will be managed by the Facilities Maintenance Division.

Full funding for this project (anticipated to be approximately \$100,000) is from the School Small Cap Projects Lump Sum Account (SC-003). Appropriation of these funds is necessary to partially reimburse (\$50,000) SC-003 for project related expenses.

Alignment with Council Vision Areas and Strategic Plan: This project supports City Council’s “Smart, Citizen-Focus Government” vision. It contributes to Goal 4 of the Strategic Plan, to “be a well-managed and successful organization”, and objective 4.1, to “align resources with City’s strategic plan”.

Community Engagement: N/A

Budgetary Impact: The funds will be appropriated into the C.C.S. Enhanced Entrance Security Project in the School Small Cap Projects Lump Sum Account (SC-003).

Recommendation: Staff recommends approval and appropriation of the funds.

Alternatives: N/A

Attachments: N/A

APPROPRIATION.

Appropriation of Funds from Charlottesville City Schools (C.C.S.) to the C.C.S. Enhanced Entrance Security Project - \$50,000

WHEREAS, the Charlottesville City Schools has made a supplemental contribution to the CCS Enhanced Entrance Security Project in the amount of \$50,000.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Charlottesville, Virginia that \$50,000 from C.C.S. is to be appropriated in the following manner:

Revenues - \$50,000

Fund: 426 Funded Program: SC-003 G/L Account: 432085

Expenditures - \$50,000

Fund: 426 Funded Program: SC-003 G/L Account: 599999

BE IT FURTHER RESOLVED, that this appropriation is conditioned upon the receipt of \$50,000, from C.C.S.

**CITY OF CHARLOTTESVILLE, VIRGINIA.
CITY COUNCIL AGENDA.**



Agenda Date:	May 2, 2016
Action Required:	Approve Appropriation of Reimbursement
Presenter:	Mike Mollica, Division Manager, Facilities Development
Staff Contacts:	Mike Mollica, Division Manager, Facilities Development Ryan Davidson, Senior Budget & Management Analyst, Budget and Performance Management
Title:	Appropriation of Albemarle County Reimbursement for the Gordon Avenue Library Main Level Restroom Renovation (Design Only) Project – \$2,487.50

Background: The City of Charlottesville Facilities Development Division oversees capital projects for jointly owned buildings with Albemarle County. The City invoices the County on a monthly basis to recover the County’s share of project expenses associated with these joint projects. Under this agreement, the City will receive a reimbursement in the amount of \$2,487.50 for expenses related to the recently completed Gordon Avenue Library Main Level Restroom Renovation (Design Only) project.

Discussion: Appropriation of these funds is necessary to replenish the Facilities Repair Small Cap Lump Sum Account (FR-001) for project related expenses.

Alignment with Council Vision Areas and Strategic Plan: This request supports City Council’s “Smart, Citizen-Focused Government” vision. It contributes to Goal 4 of the Strategic Plan, to be a well-managed and successful organization, and objective 4.1, to align resources with the City’s strategic plan.

Community Engagement: N/A

Budgetary Impact: Funds have been expensed from the Facilities Repair Small Cap Lump Sum Account (P-FR-001) and the reimbursement is intended to replenish the project budget for the County’s portion of those expenses.

Recommendation: Staff recommends approval and appropriation of the reimbursement funds.

Alternatives: If reimbursement funds are not appropriated, the Facilities Repair Small Cap Lump Sum Account (FR-001) will reflect a deficient balance.

Attachments: N/A

APPROPRIATION.

Albemarle County Reimbursement for the Gordon Avenue Library Main Level Restroom Renovation (Design Only) Project - \$2,487.50.

WHEREAS, Albemarle County was billed by the City of Charlottesville in the amount of \$2,487.50.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Charlottesville, Virginia that \$2,487.50 from Albemarle County is to be appropriated in the following manner:

Revenues - \$2,487.50

Fund: 107 Funded Program: FR-001 (P-00866) G/L Account: 432030

Expenditures - \$2,487.50

Fund: 107 Funded Program: FR-001 (P-00866) G/L Account: 599999

BE IT FURTHER RESOLVED, that this appropriation is conditioned upon the receipt of \$2,487.50, from Albemarle County.

**CITY OF CHARLOTTESVILLE, VIRGINIA.
CITY COUNCIL AGENDA.**



Agenda Date:	May 16, 2016
Action Required:	Approve Resolution
Presenter:	Chris Gensic, Parks and Recreation
Staff Contacts:	Chris Gensic, Parks and Recreation Brian Daly, Parks and Recreation Ryan Davidson, Senior Budget and Management Analyst
Title:	V.D.O.T. Transfer of Grant funds for Construction of McIntire Park trail bridge over railroad - \$145,599

Background:

The City of Charlottesville, through Parks and Recreation, has received two awards from the Virginia Department of Transportation (V.D.O.T.) for trail construction. The first grant paid for the construction of the Meade Avenue Trail and had a remaining balance of \$72,735. V.D.O.T. is allowing the City to reprogram those remaining grant funds and allowing them to be used for the construction of the trail bridge over the railroad at McIntire Park.

Discussion:

The City of Charlottesville has completed a bicycle, pedestrian and trail master plan that includes a bike/pedestrian commuter trail along Meadow Creek between Greenbrier Park and Meadow Creek Gardens. The portion near Brandywine Drive and the Senior Center requires construction of two bridges. The City applied for and has been awarded the funding to assist with design and construction of the bridges.

The V.D.O.T. grants require a local match. The Meade Avenue trail bridge project is complete and the project account has an unspent budget of \$145,599. This unspent budget represents the \$72,735 to be paid by the grant award and \$72,864 in local funds. Staff is recommending that this unspent budget be transferred from the Meade Avenue trail bridge account into this new McIntire Park Trail Bridge account. This transfer of funds will serve as the City's match to the grant.

Alignment with City Council's Vision and Strategic Plan:

Construction of this trail bridge will further council goals of being a Connected City and a Green City by providing a critical bicycle and pedestrian trail portion of the developing greenway system, which will reduce dependence on automotive travel and associated pollution. Additionally, this project supports Strategic Plan Goal 2: Be a safe, equitable, thriving and beautiful community.

Community Engagement:

The bicycle, pedestrian and trail master plan and the Meadow Creek Valley Park Master Plan were developed with multiple public meetings and were both approved by City Council.

Budgetary Impact:

There is no new funding being requested. This appropriation is asking for a transfer of previously appropriated funds to be transferred from one trail project to another trail project.

Recommendation:

Staff recommends approval of this transfer.

Alternatives:

If the funds are not transferred, the City will forfeit the V.D.O.T. granting and may not have enough to construct the bridge at McIntire Park.

Attachments:

Grant award letter from Virginia Department of Transportation

RESOLUTION.

**V.D.O.T. Grant transfer for Construction of Trail bridge over railroad at McIntire Park
\$145,599**

WHEREAS, the City of Charlottesville, through Parks and Recreation, has been awarded grant funding from the Virginia Department of Transportation to construct a bicycle and pedestrian bridges over the railroad at McIntire Park; and

WHEREAS, the Meade Avenue Trail project account contains \$145,599 in previously appropriated funds that are unspent;

WHEREAS V.D.O.T. has authorized the City to reprogram \$72,735 in grant funds from the Meade Avenue Trail project to the McIntire Park Trail Bridge project; .

NOW, THEREFORE BE IT RESOLVED by the Council of the City of Charlottesville, Virginia, that the sum of \$145,599 is hereby appropriated in the following manner:

Revenue

\$72,735 Fund: 426 WBS: P-00673 G/L Account: 430120

Transfer to:

\$145,599 Fund: 426 WBS: P-00673 G/L Account: 599999

Transfer From

\$145,599 Fund: 426 WBS: P-00538 G/L Account: 599999



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION
1401 EAST BROAD STREET
RICHMOND, VIRGINIA 23219-2000

CHARLES A. KILPATRICK, P.E.
COMMISSIONER

March 30, 2016

Mr. Chris Gensic
Charlottesville Parks & Recreation
P. O. Box 911
Charlottesville, VA 22902

RE: EN09-104-114, P101, C501
McIntire Park Pedestrian Bridge

EN05-104-141, P101, C501
Meade Avenue Trail

Appendix A – Project Agreement Amendments

Dear Mr. Gensic:

Enclosed is one (1) fully executed copy of each updated Appendix A – Agreement Amendment for the above referenced Enhancement projects.

Execution of this amendment **adjusts the federal funding amount to reflect the transfer of \$72,735 in federal Transportation Enhancement funds** from the completed Meade Trail project to the McIntire Park Bridge project per the City's request. Please note that these Appendices supersede all prior appendices.

Please don't hesitate to contact Ms. Tracy Elliott, VDOT Culpeper District Enhancement Coordinator, if you have any questions.

Sincerely,

A handwritten signature in blue ink that reads "Pamela M. Liston".

Pamela M. Liston
Transportation Alternatives Program Manager

Enclosure

cc: Tracy Elliott

**CITY OF CHARLOTTESVILLE, VIRGINIA
CITY COUNCIL AGENDA**



Agenda Date:	May 16, 2016
Action Required:	Approve MOUs
Presenter:	Maurice Jones, City Manager Mike Signer, Mayor
Staff Contacts:	Maurice Jones, City Manager
Title:	City/County MOUs

Background:

On March 1, 2016, the Charlottesville City Councilors and the Albemarle County Board of Supervisors held a joint meeting to discuss transportation, education, environment and housing. The two bodies reviewed draft memorandums of understanding identifying mutual points of cooperation and collaboration in these four key areas. Both bodies recognize the benefits, efficiencies and harmony that may be achieved by working together on areas of mutual concern.

The attached memoranda were passed unanimously by the Board of Supervisors at their May 11 meeting and are before City Council for discussion and a vote.

Alignment with City Council's Vision and Strategic Plan:

Cooperation between the City and the County in these four key areas promotes all five goals of the City's Strategic Plan – Goal 1: Enhance the Self-Sufficiency of Our Residents; Goal 2: Be a Safe, Equitable, Thriving and Beautiful Community; Goal 3: Have a Strong, Diversified Economy; Goal 4: Be a Well-Managed and Successful Organization; and Goal 5: Foster Strong Connections.

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**MEMORANDUM OF UNDERSTANDING FOR COLLABORATION
BETWEEN THE CITY OF CHARLOTTESVILLE AND THE COUNTY OF ALBEMARLE
REGARDING THE ENVIRONMENT**

WHEREAS, regionalism is a recognized governing principle across the United States in which neighboring jurisdictions can recognize mutual benefits, efficiencies, and harmony by working together on areas of mutual concern, rather than apart or even against each other; and

WHEREAS, both the City of Charlottesville and the County of Albemarle have recognized that protecting natural resources, including clean water, biodiversity and tree cover foster livable, sustainable and resilient communities; and

WHEREAS, both the City and County recognize the value of reducing greenhouse gas emissions and improving air quality, and anticipating and adapting to local impacts of a changing climate; and

WHEREAS, the populations served by the City and County similarly impact and benefit from natural resources, and the programs offered by and coordinated with both localities will result in a stronger and more resilient community; and

WHEREAS, existing examples of cooperation between the City and the County include:

- Rivanna Solid Waste Authority (RSWA)
- McIntire Recycling Center Operations
- Hazardous Materials Collection/Disposal
- Bulky Waste
- Joint Solid Waste Management Plan – TJPDC
- LEAP Governance Board
- Local Climate Action Planning Process
- Better Business Challenge
- Rivanna Conservation Alliance (Stream Watch)
- Rivanna Stormwater Education Partnership
- Thomas Jefferson Soil and Water Conservation District
- Rivanna Environmental Management System Association
- Livability Project
- Rivanna River Corridor Plan
- Hazardous Spill Cleanup coordination – Fire/Rescue
- Imagine A Day Without Water
- Green Infrastructure planning
- Rivanna River Basin Commission

NOW, THEREFORE, BE IT RESOLVED that the City Council of Charlottesville and the Board of Supervisors of Albemarle County hereby agree to this Memorandum of Understanding directing their respective City Manager and County Executive and staffs to develop and enact plans to:


- Designate a staff member assigned to promoting success;
- Identify potential available resources available to both localities;
- Identify and consider potential efficiencies through harmonization;
- Identify and consider potential impacts on each other's jurisdiction of acting with or without information sharing where appropriate; and
- Identify mutually beneficial ways to cooperate and communicate where possible.

This Memorandum of Understanding shall begin on the date of signatures by both the Mayor of the City of Charlottesville and the Chair of the Board of Supervisors of Albemarle County, as authorized by their respective bodies.

Signed this ____ day of May, 2016.

Signed this 11th day of May, 2016.

Mayor, Mike Signer
City Council of Charlottesville



Chair, Liz Palmer
Board of Supervisors of Albemarle County

**MEMORANDUM OF UNDERSTANDING FOR COLLABORATION
BETWEEN THE CITY OF CHARLOTTESVILLE AND THE COUNTY OF ALBEMARLE
REGARDING REDEVELOPMENT AND AFFORDABLE HOUSING**

WHEREAS, regionalism is a recognized governing principle across the United States in which neighboring jurisdictions can recognize mutual benefits, efficiencies, and harmony by working together on areas of mutual concern, rather than apart or even against each other; and

WHEREAS, both the City of Charlottesville and the County of Albemarle have recognized that vulnerable populations and housing costs impact both localities; and

WHEREAS, both the City and County recognize the value of having affordable housing for its constituents and is committed to working together to make each area one that is affordable for all; and

WHEREAS, the populations served by the City and County similarly impact affordable housing, and the ability to coordinate with both localities will result in a stronger and more resilient community; and

WHEREAS, both the City and County recognize the economic and environmental value of redeveloping underutilized and under invested properties over abandoned and neglected properties; and

WHEREAS, existing examples of cooperation between the City and the County include:

- The use of federal housing vouchers to support tenants at the Crossings;
- Joint Comprehensive Planning Exercises;
- Collaboration on Small Area Planning along Hydraulic Road and Route 29;
- Support of the Thomas Jefferson Area Coalition for the Homeless (TJACH);
- Support of organizations committed to maintaining and expanding affordable housing units;
- Collaboration on the Thomas Jefferson Community Land Trust;
- Collaboration on the Housing Advisory Committee (HAC); and
- Collaboration on regional housing authority options.

NOW, THEREFORE, BE IT RESOLVED that the City Council of Charlottesville and the Board of Supervisors of Albemarle County hereby agree to this Memorandum of Understanding directing their respective City Manager and County Executive and staffs to develop and enact plans to:

- Designate a staff member assigned to promoting success;
- Identify potential available resources available to both localities;
- Identify and consider potential efficiencies through harmonization;
- Identify and consider potential impacts on each other's jurisdiction of acting with or without information sharing where appropriate; and
- Identify mutually beneficial ways to cooperate and communicate where possible, to ensure an appropriate range of housing choices for all community members.

This Memorandum of Understanding shall begin on the date of signatures by both the Mayor of the City of Charlottesville and the Chair of the Board of Supervisors of Albemarle County, as authorized by their respective bodies.

Signed this ____ day of May, 2016.

Signed this 11th day of May, 2016.

Mayor, Mike Signer
City Council of Charlottesville



Chair, Liz Palmer
Board of Supervisors of Albemarle County

**MEMORANDUM OF UNDERSTANDING FOR COLLABORATION
BETWEEN THE CITY OF CHARLOTTESVILLE AND THE COUNTY OF ALBEMARLE
REGARDING EDUCATION**

WHEREAS, regionalism is a recognized governing principle across the United States in which neighboring jurisdictions can recognize mutual benefits, efficiencies, and harmony by working together on areas of mutual concern, rather than apart or even against each other; and

WHEREAS, both the City of Charlottesville and the County of Albemarle have recognized that expanding access to pre-Kindergarten programs serves a crucial early childhood development need; and

WHEREAS, both the City and County are committed to expanding career and technical education, in the service of building a workforce equipped for the 21st century; and

WHEREAS, the populations served by the City and County's pre-Kindergarten and vocational and technical education programs frequently move across borders; and

WHEREAS, the programs offered by both locality impact and benefit both localities; and

WHEREAS, existing examples of cooperation between the City and the County include:

- Charlottesville Albemarle Technical Education Center (CATEC);
- Piedmont Regional Education Partnership Program (PREP);
- Charlottesville Albemarle Early Education Task Force;
- UVA Lab School Partnership;
- Investing In Innovation Grant (i3) for \$3.5 million; and
- Public Education Foundation (PEF).

NOW, THEREFORE, BE IT RESOLVED that the City Council of Charlottesville and the Board of Supervisors of Albemarle County hereby agree to this Memorandum of Understanding directing their respective City Manager and County Executive and staffs to develop and enact plans to:


- Designate a staff member assigned to promoting success;
- Identify potential available resources available to both localities;
- Identify and consider potential efficiencies through harmonization;
- Identify and consider potential impacts on each other's jurisdiction of acting with or without information sharing where appropriate;
- Identify mutually beneficial ways to cooperate and communicate where possible; and
- Consider recommendations of the pre-K task force.

This Memorandum of Understanding shall begin on the date of signatures by both the Mayor of the City of Charlottesville and the Chair of the Board of Supervisors of Albemarle County, as authorized by their respective bodies.

Signed this ____ day of May, 2016.

Signed this 11th day of May, 2016.

Mayor, Mike Signer
City Council of Charlottesville



Chair, Liz Palmer
Board of Supervisors of Albemarle County

**MEMORANDUM OF UNDERSTANDING FOR COLLABORATION
BETWEEN THE CITY OF CHARLOTTESVILLE AND THE COUNTY OF ALBEMARLE
REGARDING MULTIMODAL FORMS OF TRANSPORTATION**

WHEREAS, regionalism is a recognized governing principle across the United States in which neighboring jurisdictions can recognize mutual benefits, efficiencies, and harmony by working together on areas of mutual concern, rather than apart or even against each other; and

WHEREAS, both the City of Charlottesville and the County of Albemarle have recognized that all residents need to easily move across jurisdictional boundaries to access both employment and leisure activities; and

WHEREAS, the residents of the City of Charlottesville and the County of Albemarle desire a variety of transportation options to include automobile, transit, pedestrian, biking and rail; and

WHEREAS, both the City of Charlottesville and the County of Albemarle recognize that land use and development patterns impact the functioning of their transportation system and road networks; and

WHEREAS, both the City of Charlottesville and the County of Albemarle are committed to improving the automobile, transit, pedestrian, and biking connections available to all residents; and

WHEREAS, improved infrastructure benefits the residents of both localities; and

WHEREAS, existing examples of cooperation between the City and the County include:

- Metropolitan Planning Organization (MPO);
- Charlottesville Area Transit (CAT);
- JAUNT;
- Charlottesville Albemarle Airport;
- Regional support of new train routes through the Downtown Amtrak Station;
- The City-County Long Range Bicycle Vision Network (Part of the City's Bicycle Pedestrian Master Plan);
- Joint Comprehensive Planning Exercises; and
- Collaboration on Small Area Planning along Hydraulic Road and Route 29.

NOW, THEREFORE, BE IT RESOLVED that the City Council of Charlottesville and the Board of Supervisors of Albemarle County hereby agree to this Memorandum of Understanding directing their respective City Manager and County Executive and staffs to develop and enact plans to:

- Designate a staff member assigned to promoting success;
- Identify potential available resources available to both localities;
- Identify and consider potential efficiencies through harmonization;
- Identify and consider potential impacts on each other's jurisdiction of acting with or without information sharing where appropriate; and
- Identify mutually beneficial ways to cooperate and communicate where possible, including review of organizational structure of boards that serve both communities.

This Memorandum of Understanding shall begin on the date of signatures by both the Mayor of the City of Charlottesville and the Chair of the Board of Supervisors of Albemarle County, as authorized by their respective bodies.

Signed this ____ day of May, 2016.

Signed this 11th day of May, 2016.

Mayor, Mike Signer
City Council of Charlottesville



Chair, Liz Palmer
Board of Supervisors of Albemarle County

**CITY OF CHARLOTTESVILLE, VIRGINIA
CITY COUNCIL AGENDA**



Agenda Date:	May 16, 2016
Action Required:	Yes
Presenter:	Chris Engel, CEcD, Director of Economic Development
Staff Contacts:	Chris Engel, CEcD, Director of Economic Development
Title:	Resolution - Pavilion Naming Rights

Background & Discussion: On December 15, 2003, the City entered into a lease with the Charlottesville Industrial Development Authority (CIDA) (The authority is now known as the Charlottesville Economic Development Authority) for the area on which what is known as the Charlottesville Pavilion is now built. On September 30, 2004, CIDA entered into a Sublease, Easement and Management agreement with Charlottesville Pavilion, LLC, for the same area. These two leases allowed the construction of the current amphitheater structure and established the parameters for management of the facility. Charlottesville Pavilion, LLC, serves as the Operator.

The agreements allow the City and CEDA the opportunity to consent to the name of the facility as referenced in the following excerpts.

Article 4, Section 4.1.4 of the Sublease addresses the issue of naming rights.

Naming Rights. Operator shall have the right to select the operating name used for the Amphitheater; provided however, that Operator must receive written approval in advance from CIDA and the City for any name selected by Operator. The name shall be a name that is in compliance with Laws, does not contain any lewd or pornographic terms or materials, and does not include the name of a tobacco product or company. The name used for the Amphitheater cannot include the name of any governmental entity other than CIDA or the City except that Operator may use the following terms: "Charlottesville", "Virginia" or "Central Virginia". Operator will notify CIDA in writing of a proposed name for the Amphitheater and CIDA and the City shall approve or object to such proposed name within thirty (30) days or such proposed name shall be deemed approved by CIDA and the City. At the written request of CIDA, the approval

period may be extended up to fifteen (15) days if necessary to provide sufficient time for City approval.

Article 4, Section 4.2 of the Sublease addresses the issue of Operator Proceeds

Operator Proceeds. Except as otherwise provided herein, all revenue, from any source, arising out of the Operator's use, management, marketing, advertising or broadcast of or from the Premises, any activities upon the Premises, or any performance held upon the Premises, shall be solely owned by Operator.

Since 2011, the facility has operated under the name of "nTelos Wireless Pavilion." Recently nTelos was acquired by Shentel, a Sprint affiliate based in the Shenandoah Valley, and a request to change the name to "Sprint Pavilion" has been received. As Section 4.2 indicates the approval of a name does not entitle the City or CEDA to any additional proceeds.

Alignment with City Council's Vision and Strategic Plan: This agenda item aligns with Council's vision for Economic Sustainability. It also addresses Goal 3 in the City's Strategic Plan: Have a strong and diversified economy.

Budgetary Impact: This item has no budgetary impacts.

Alternatives: City Council may adopt the Resolution or decline to do so.

Recommendation: Staff recommends that Council pass the attached resolution granting approval of the proposed name.

Attachments: Letter request and proposed resolution for Council approval.

RESOLUTION

WHEREAS, the City of Charlottesville entered into a Lease Agreement dated December 15, 2003 with the Charlottesville Economic Development Authority (CEDA), formerly known as the Charlottesville Industrial Development Authority, for the lease of property at the east end of the Downtown Mall; and

WHEREAS, by Sublease, Easement and Management Agreement dated September 30, 2004 (the "Sublease"), the CEDA sublet the property to Charlottesville Pavilion, LLC, which constructed and operates an amphitheater (currently known as the Charlottesville Pavilion, and hereinafter referred to as "Amphitheater") on the leased property; and

WHEREAS, Section 4.1.4 of the Sublease specifically permits Charlottesville Pavilion LLC to select the name of the Amphitheater, provided they receive written approval in advance from CEDA and the City for any name selected; and

WHEREAS, Charlottesville Pavilion, LLC has requested written approval from CEDA and the City of Charlottesville to re-name the Amphitheater as "Sprint Pavilion"; now, therefore,

BE IT RESOLVED that the Charlottesville City Council hereby consents to the request by Charlottesville Pavilion, LLC to adopt "Sprint Pavilion" as the official name of the Amphitheater.



nTelos Wireless Pavilion
PO Box 2318
Charlottesville, VA 22902
434-245-4910
www.thenteloswirelesspavilion.com

April 26, 2016


Mr. Chris Engel
CEDA
PO Box 911
Charlottesville, VA 22902

Dear Chris,

As you are aware, nTelos Wireless is in the process of being purchased by Shentel and that deal is expected to close shortly. Shentel is assuming our sponsorship contract from nTelos which gives them the right to name the Pavilion. Since they sell wireless service under the Sprint name, they would like to rename the venue the Sprint Pavilion. We are quite pleased to have another Virginia based company assume the naming rights to the Pavilion and we look forward to working with the folks at Shentel to help them build their business in the central Virginia market.

Pursuant to Article 4 Section 4.1.4 of our Sublease, Easement, and Management Agreement, this letter serves as the formal written notice of our intent to change the name of the venue to the Sprint Pavilion effective upon the City approval. We ask that you do what you can to expedite this approval both by CEDA and then City Council. We would like to aim for the May 16 Council meeting for consideration.

Thank you for your assistance in this matter.


Kirby R. Hutto
General Manager

**CITY OF CHARLOTTESVILLE, VIRGINIA
CITY COUNCIL AGENDA**



Agenda Date: May 16, 2016

Action Required: Yes – Resolution to Purchase Property

Presenter: Brian Daly, Director of Parks & Recreation

Staff Contact: Chris Gensic, Trails Planner

Title: Acquisition of 1.47 Acres of Land for Greenbelt Trail

Background: Robert Male has offered to sell the City approximately 1.47 acres of his land off Meridian Street, situated along Moore’s Creek. The purchase price of the land is proposed to be \$27,600. It is identified as Parcel 328 on City Real Estate Tax Map 60, and is primarily floodplain property.

Discussion: Acquisition of this tract of land will provide a multi-use greenbelt trail, and enable better management of the stream corridor. The title search did not reveal any problems and Ms. Kristel Riddervold, Environmental Administrator, has not indicated any environmental concerns. A City sanitary sewer easement runs the length of the property.

Alternatives: Council can choose not to acquire the land.

Budgetary Impact: The property is assessed at \$26,400 so the annual property tax revenue is negligible.

Recommendation: Approve the Resolution to purchase the land for greenbelt trail expansion.

Attachments: Resolution; Tax Map; Purchase Agreement

**RESOLUTION
APPROVING PURCHASE OF LAND ON MERIDIAN
STREET ADJACENT TO MOORE'S CREEK**

BE IT RESOLVED by the Council for the City of Charlottesville, Virginia, that the City Manager is hereby authorized to sign the Purchase Agreement between Robert W. Male, Seller, and the City, for the purchase of land identified as Parcel 328 on City Real Estate Tax Map 60. The City Attorney is hereby authorized on behalf of the City to proceed to closing in accordance with the terms and conditions set forth within the Purchase Agreement.

CITY OF CHARLOTTESVILLE

MAP 59

SEE MAP 60



ALBEMARLE COUNTY

ALBEMARLE COUNTY

SCALE : 1" = 100'

SECTION

60
CONTINUED

AGREEMENT
Sale of Land to the City
(City Tax Map Parcel 600328000)

THIS AGREEMENT is made as of the _____ day of _____, 2016, between **ROBERT W. MALE**, hereinafter referred to as “Seller”, and the **CITY OF CHARLOTTESVILLE, VIRGINIA**, a political subdivision of the Commonwealth of Virginia, hereinafter referred to as “Purchaser”, or “City,” whose address is P.O. Box 911, Charlottesville, Virginia, 22902.

WITNESSETH:

WHEREAS, Seller is the owner of certain real property situated in the City of Charlottesville, Virginia, containing approximately 1.47 acres, more or less, being the property designated as Parcel 328 on City Tax Map 60CT, and identified as Lot 21 of the Rolling Hills Subdivision on a plat dated December 1960, of record in the Albemarle County Circuit Court Clerk’s Office in Deed Book 366, page 11. The property is also shown on a plat dated August 2, 1973 made by the City Engineering Department for the City of Charlottesville, of record in the Charlottesville Circuit Court Clerk’s Office in Deed Book 354, page 595; and

WHEREAS, Seller has agreed to sell to the City for the purchase price of **Twenty Seven Thousand Six Hundred and 00/100 Dollars (\$27,600.00)**, and other good and valuable consideration, the above-described real property (the “Property”), located on Meridian Street in the City of Charlottesville, and Purchaser has agreed to purchase the Property from Seller, subject to the conditions outlined in Section II below; and

NOW, THEREFORE, in consideration of the premises and the mutual covenants contained herein, Seller and Purchaser do hereby set forth their agreement as follows:

I. AGREEMENT TO CONVEY

Seller agrees to convey by General Warranty Deed to City, and City agrees to purchase from Seller, the real property referred to herein as the “Property”, which is more particularly described as follows, to-wit:

All that parcel designated as Lot 21-“Reserved” on a plat of Rolling Hills, recorded in the Albemarle County Clerk’s Office in Deed Book 366, page 11; BEING in all respects the same property conveyed to Robert W. Male by Charles A. Young, III, by deed dated April 16, 1990, of record in the Charlottesville Circuit Court Clerk’s Office in Deed Book 541, page 485.

II. TERMS AND CONDITIONS

The City's obligations under this Agreement are expressly contingent upon the City's receipt of the results, satisfactory to it in its sole discretion, of a title examination to be performed by City at its own expense.

III. CLOSING

- (a) Closing will take place in the Office of the City Attorney in City Hall (605 E. Main Street, Charlottesville, Virginia) within thirty (30) days of the date of this agreement, or as soon thereafter as the conditions of Section II of this agreement have been met to the satisfaction of the City.
- (b) Upon satisfaction of all of the terms and conditions of this Agreement, the Seller at Closing shall deliver and convey to City, by General Warranty Deed in a form acceptable to City, marketable fee simple title to the Property free and clear of any and all encumbrances, subject only to standard permitted exceptions and existing easements. Seller shall deliver possession of the Property to the City as of the date of Closing.
- (c) At the Closing, Seller shall also deliver to City all documents reasonably requested by Purchaser, including, without limitation, 1099-S IRS filing form and an Owner's Affidavit as to Mechanic's Liens.

IV. OTHER TERMS

This agreement is further contingent upon the following:

- (a) Seller shall pay any and all real estate taxes accrued and/or due on the Property up to and through the date of Closing. Prior to Closing, Seller shall pay all deferred taxes, penalties and interest, if any, existing, owed or outstanding with respect to the Property.
- (b) From the date of this Agreement through Closing, risk of loss or damage to the property by fire, windstorm, casualty or other cause is assumed by the Seller. From the date of this Agreement Seller shall not commit, or suffer any other person or entity to commit, any waste or damage to the Property or any appurtenances thereto. From the date of this Agreement, Seller shall not permit the manufacture, use, storage or disposal of hazardous wastes and/or toxic substances on or in the Property or in or near any adjoining waterways or drainage ditches.
- (c) No transfer or assignment of any rights or obligations hereunder shall be made by anyone having an interest herein, without the advance written consent of all other persons or entities having an interest herein.

- (d) This agreement shall be governed and interpreted by the laws of the Commonwealth of Virginia.
- (e) This agreement is binding upon the parties hereto and their respective heirs, personal representatives, successors and assigns.
- (f) This Agreement contains the final agreement between the parties hereto, and they shall not be bound by any terms, conditions, oral statements, warranties or representations not contained herein.

IN WITNESS WHEREOF, Robert W. Male and a duly authorized City official have executed this Agreement.

ROBERT W. MALE, SELLER:

Date signed: _____

[This space intentionally left blank]

CITY OF CHARLOTTESVILLE, VIRGINIA

By: _____
Maurice Jones

Title: City Manager

Date signed: _____

Approved as to Form:

Funds are Available:

Allyson Manson Davies
Deputy City Attorney

Director of Finance, or designee

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**CITY OF CHARLOTTESVILLE, VIRGINIA.
CITY COUNCIL AGENDA.**



Agenda Date:	May 16, 2016
Action Required:	Approve Resolution for Transfer of Funds
Presenter:	Dan Frisbee, Water Resources Specialist
Staff Contacts:	Dan Sweet, Stormwater Utility Administrator Kristel Riddervold, Environmental Sustainability Manager
Title:	Transfer of Funds from Stormwater Utility to C.H.S. Green Stormwater Infrastructure Retrofit Project - \$70,000

Background: The City of Charlottesville recently issued an I.F.B. for the construction of a stormwater infrastructure retrofit at Charlottesville High School (C.H.S.). This is a grant supported project. The low bid received exceeds the available budget. A funds transfer from the Stormwater Utility to the project will provide the additional funds needed to proceed with construction within the grant period of performance.

Discussion:

The City of Charlottesville received funding from the Chesapeake Bay Green Streets – Green Jobs – Green Towns (G3) grant program to design and construct a green stormwater infrastructure retrofit at C.H.S. The retrofit will entail converting a portion of the C.H.S. parking lot to permeable pavement and a vegetated filter strip. The improvements will help to further the environmental sustainability efforts of the City and the City Council’s Green City vision and it will help the City meet local and regional water quality improvement requirements. The improvements will provide Charlottesville City Schools with the opportunity to pursue a credit and associated stormwater utility fee reduction for the property.

The Stormwater Utility can support the additional \$70,000 needed for construction, with the understanding that any remaining funds will be returned to that fund upon project completion. Transfer of these funds will enable the project to be constructed during the grant period of performance and during the school’s summer break.

Alignment with Council Vision Areas and Strategic Plan: The project supports City Council’s “Green City” vision and contributes to Goal 2, *Be a safe, equitable, thriving, and beautiful community*, and objective 2.5, *to provide natural and historic resources stewardship*, of the City’s recently adopted Strategic Plan. This also aligns with discussions and commitments of the PLACE Task Force and City Council, specifically with respect to Context Sensitive Street Design.

Community Engagement: This green infrastructure project was coordinated with the Charlottesville City Schools, the City's Parks and Recreation Department, Neighborhood Development Services Department, and the Public Works Department. Green stormwater infrastructure, discussed through the Stormwater Utility proposal process, is a high priority strategy of the Water Resources Protection Program to address local and regional water quality improvement requirements.

The water quality improvements will be publicly accessible features, and have the potential to serve as public environmental education amenities. They will also demonstrate the types of projects that the Water Resources Protection Program and stormwater utility is pursuing and encouraging.

Budgetary Impact: The funds will be transferred from the Stormwater Utility Fund into the C.H.S. Green Stormwater Infrastructure Retrofit Project Account (I.O. 190024).

Recommendation: Staff recommends approval of this resolution.

Alternatives: Council may reject transfer of the funds; this would prevent the construction of this project and may put the remaining grant funds in jeopardy.

Attachments: N/A

RESOLUTION.
C.H.S. Green Stormwater Infrastructure Retrofit
\$70,000

WHEREAS, the City of Charlottesville has previously appropriated \$182,035 in grant funds and \$83,790 in match funds to support the implementation of a vegetated filter strip and permeable pavers at Charlottesville High School, and

WHEREAS, the Stormwater Utility will provide additional funds in the amount of \$70,000 needed to execute the construction contract,

NOW, THEREFORE BE IT RESOLVED by the Council of the City of Charlottesville, Virginia that the following is hereby appropriated in the following manner:

Transfer From:

\$70,000	Fund: 643	Cost Center: 6431001000	G/L: 530300
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Transfer To:

Revenues

\$70,000	Fund 211	IO: 1900224	G/L: 498010
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Expenditures

\$70,000	Fund: 211	IO: 1900224	G/L: 541011
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BE IT FURTHER RESOLVED once the project is complete, any unspent funds remaining from this transfer shall be returned to the Stormwater Utility capital fund.

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CITY OF CHARLOTTESVILLE, VIRGINIA.
CITY COUNCIL AGENDA.



Agenda Date:	May 16, 2016
Action Required:	Approval of Resolution
Presenter:	Emily Pelliccia, Deputy Chief of Administration, Charlottesville Fire Department
Staff Contacts:	Emily Pelliccia, Deputy Chief of Administration, Charlottesville Fire Department Ryan Davidson, Senior Budget and Management Analyst
Title:	Self-Contained Breathing Apparatus System (S.C.B.A.) Purchase - \$463,035

Background:

The adopted F.Y. 15 Capital Improvements Plan (C.I.P.) included funding for the purchase of two (2) replacement fire engines for a total cost of \$1,768,000 (\$884,000 per engine). The fire trucks have been purchased and placed in service but several factors contributed to a budget savings in the amount of \$463,035. The Fire Department would like to use the remaining funds to support the purchase of a new self-contained breathing apparatus system (S.C.B.A.).

Discussion:

The overall savings was realized through three major efforts:

1. ***New Engine Specifications*** – The specification process for the design/build of fire apparatus typically begins 18 months prior to purchase of the piece of apparatus. Over the course of that design/build process the specifications evolved as a result of working with Neighborhood Development Services and the Planning Commission to refine the design of the new engines to match the trends in urban development. A new engine specification was developed resulting in a smaller unit with less overhead costs.
2. ***Cooperative Procurement through H.G.A.C.Buy*** – H.G.A.C.Buy is a cooperative procurement program that specializes in helping to purchase high ticket, capital intensive products and services that require technical, detailed specifications and extensive professional skills to evaluate bid responses. All products offered through H.G.A.C.Buy are awarded by virtue of a public competitive process and take advantage of the economies of scale. Using this program and by taking advantage of contract pre-payment options allowed the City to realize significant cost savings.

3. ***Separate Solicitations for Tools and Equipment*** – Often, the necessary tools and equipment needed for the engines are included in a single procurement process for the engine manufacturer. In collaboration with Procurement, the Fire Department/Procurement competitively bid for the equipment by issuing separate solicitations which also resulted in cost savings.

The Fire Department is asking to re-program these savings and is requesting that they be used to purchase self-contained breathing apparatus system (S.C.B.A.).

The most important piece of equipment for safe, effective firefighting operations is the firefighters' self-contained breathing apparatus. The Department's self-contained breathing apparatus (S.C.B.A.) are essential to work in hazardous environments. Without S.C.B.A., firefighters would not be able to work in smoke, hazardous gasses or oxygen deficient locations. The S.C.B.A. system currently in use by the Fire Department is outdated and in need of upgrading. Our S.C.B.A. system allows us to work in "immediate danger to life and health" (I.D.L.H.) conditions to perform emergency services. Our current system does not provide the nationally accepted standard for alarming when the units are getting low on air due to use.

Firefighter Self-Contained Breathing Apparatus (S.C.B.A.) is built to meet National Fire Protection Agency (N.F.P.A.) and National Institute of Occupational Safety and Health (N.I.O.S.H.) requirements/standards. The N.F.P.A. standards are on a 5 year revision cycle. Our current equipment was purchased in 2004 under the 2002 version of the N.F.P.A. 1981 and N.F.P.A. 1982. Typically revisions to the standard deal with safety issues that the previous standard did not address and new technologies that provide enhancements in firefighter safety. The standard was revised in 2007 and again in 2012 which was adopted in 2013.

The new system would allow our personnel to be notified when their unit is getting low and provide them ample time to exit the I.D.L.H. condition safely. The new system will enhance firefighter safety by providing increased air supply for personal escape and improved detection of downed firefighters through an upgraded alarm system. Facepiece lens durability and communications enhancements are also included in this upgrade and will allow our suppression personnel the ability to communicate more effectively at emergency incidents. The new S.C.B.A.'s will allow us the ability to operate inside dangerous conditions for longer and therefore effect a rescue of a trapped or unconscious civilian or firefighter more effectively.

Albemarle County Fire Rescue, including all of the volunteer agencies within the County, have recently purchased this new system. We routinely respond to high risk incidents together that require the usage of S.C.B.A. for respiratory protection. The new system has telemetry features that send valuable data to the command post about the individual user and the team that he/she is working with. Our current model of S.C.B.A. does not have the ability to integrate into this system meaning none of our firefighters would be monitored to the same level of safety as our counterparts in the county. With all of our operations we strive to achieve interoperability as a regional system. This will ensure seamless operations by maximizing our efficiency and effectiveness during major emergency incidents.

Consideration was given to "phasing in" the new system over time but this would not be cost-effective as the pricing is based on the mass purchase quantities. Additionally, trying to phase in a newer system while operating with the old system in place could result in confusion for the firefighters during high risk incidents and given the risks associated, this option is not recommended

by staff.

Alignment with City Council’s Vision and Strategic Plan:

These projects support Goal 2 of the City’s Strategic Plan, to be a safe, equitable, thriving and beautiful community; objectives 2.1 & 2.3. Maintaining a safe and reliable SCBA system along with a modern MDT system will provide reliable and high quality infrastructure (2.3) while ensuring that we have an effective and equitable public safety system (2.1).

This balance of funds is a result of an effort to develop our operations and plan for growth in alignment with recommendations from the planning commission, the community, and the Streets That Work initiative.

Community Engagement:

These projects have not been presented to the community at-large specifically but the redesign of our engines has been a topic of conversation at several community forums and the resulting changes in our engine specifications is in response to that community engagement.

Budgetary Impact:

This request has no impact on the General Fund. Additionally, no new funds are being requested from the C.I.P. This request only seeks approval to reprogram previously appropriated funds in the amount of \$463,035.

Recommendation:

Staff recommends approval of this resolution to re-program previously appropriated C.I.P. funds. Currently, the Fire Department has the opportunity to purchase the replacement S.C.B.A. in cooperation with Albemarle County through cooperative language under another municipality’s agreement approved by the City’s procurement department.

Alternatives:

The purchase of the S.C.B.A. system can be postponed until future funding sources can be identified and approved. This will result in potentially higher costs for the City and the Fire Department’s continued used of an outdated system.

Attachments:

N/A

RESOLUTION.
Self-Contained Breathing Apparatus System (S.C.B.A.) Purchase
\$463,035

BE IT RESOLVED by the City Council of the City of Charlottesville, Virginia that the sum of \$463,035 is hereby transferred in the following manner:

Transfer From

\$463,035 Fund: 426 WBS Element: P-00816 G/L Account: 599999

Expenditure

463,035 Fund: 4265 WBS Element: P-00911 G/L Account: 599999

**CITY OF CHARLOTTESVILLE, VIRGINIA
CITY COUNCIL AGENDA**



Agenda Date: May 2, 2016

Action Required: Yes (Public Hearing and First Reading of Ordinance)

Presenter: S. Craig Brown, City Attorney

Staff Contacts: Jason McIlwee, P.E., Public Utilities

Title: Abandonment of Sanitary Sewer and Slope Easements – William Taylor Plaza Project

Background: Recently Cherry Avenue Investments, LLC submitted a Boundary Line Adjustment and Easement Plat (the “Plat”) for approval by the City in connection with the development of William Taylor Plaza at the intersection of Cherry Avenue and Ridge Street. On recommendation by the NDS department, the Planning Commission approved the Plat on April 12, 2016, and it was recorded in the Clerk’s Office on April 19th. Several new sanitary sewer easements were created by recordation of the Plat, to replace the existing sewer easement granted to the City in 1948. A slope easement running along Cherry Avenue has also become unnecessary with the new development. Cherry Avenue Investments has requested that the existing sewer and slope easements be abandoned by the City in order to remove any restrictions these easements create as they move forward with construction.

Discussion: Attached is the relevant page of the Plat that shows the locations of the easements to be abandoned (highlighted in yellow). Public Utilities has advised that the sanitary sewer lines are active lines, and must remain in service until the new lines, to be constructed and installed by the developer, are in place and pass inspection by the City. The developer needs the old sewer lines abandoned before construction financing can be obtained. In order to solve the “Catch-22” problem for the developer, it is proposed that Council approve the abandonment of the existing sewer easement with the condition that the Quitclaim Deed will not be recorded until the new sewer lines are installed and pass inspection. This will provide the developer’s lender with the assurance it needs to approve the financing, and protect the City’s interests at the same time.

If approved, the City Attorney’s Office will draft a quitclaim deed (substantially the same as the attached sample deed) to release the City’s rights in the original sewer and slope easements across the William Taylor Plaza property. The Quitclaim Deed will be held in the City Attorney’s Office until the Director of Public Utilities confirms that the new sewer lines are installed and pass inspection.

Community Engagement: A public hearing is required by law to give the public an opportunity to comment on the proposed conveyance of a property interest. Notice of such public hearing was advertised in the local newspaper at least 7 days in advance of the public hearing.

Budgetary Impact: None.

Alignment with City Council's Vision and Priority Areas: Not applicable.

Recommendation: Approve the ordinance abandoning the above-described sewer and slope easements.

Attachments: Proposed Ordinance; Plat; Sample Deed.

**AN ORDINANCE
AUTHORIZING THE ABANDONMENT OF
SANITARY SEWER AND SLOPE EASEMENTS
GRANTED TO THE CITY NEAR RIDGE STREET AND CHERRY AVENUE.**

WHEREAS, in 1948 the City acquired certain permanent easements for installation of a sanitary sewer line and construction of slopes across property currently owned by Cherry Avenue Investments, LLC at the intersection of Ridge Street and Cherry Avenue, designated on City Real Estate Tax Map 29 as Parcels 145, 150, 151 and 157 (“Subject Property”); and

WHEREAS, by recordation of a Boundary Line Adjustment and Easement Plat dated January 5, 2016, last revised April 5, 2016, a new easement for the relocated sanitary sewer line was created, and the 1948 slope easement became unnecessary; and

WHEREAS, Cherry Avenue Investments, LLC has requested abandonment of the above-described easements granted to the City in 1948 because they now serve no useful purpose; and

WHEREAS, the City’s Director of Public Utilities has reviewed the request and determined that the City no longer has a need for the above-described slope easement, and has no objection to the release of the 1948 sanitary sewer easement after the new sewer lines are installed and pass inspection; and

WHEREAS, in accordance with Virginia Code Sec. 15.2-1800(B), a public hearing was held to give the public an opportunity to comment on the abandonment of these easements; now, therefore,

BE IT ORDAINED by the Council of the City of Charlottesville, Virginia that the Mayor is hereby authorized to execute a Quitclaim Deed, in form approved by the City Attorney, to abandon the above-described 1948 sewer and slope easements; provided, however, that the Quitclaim Deed to abandon the existing sanitary sewer easement shall not be recorded in the Circuit Court Clerk’s Office until the Director of Public Utilities has confirmed to the City Attorney that replacement sewer lines have been installed and passed City inspection.

Prepared by Charlottesville City Attorney's Office
S. Craig Brown, Esq. (VSB #19286)
Tax Map Parcels 29-145, 29-150, 29-151 and 29-157

This deed is exempt from state recordation taxes imposed by Virginia Code §58.1-802 pursuant to Virginia Code §58.1-811(C)(4).

THIS QUITCLAIM DEED made this _____ day of _____, 2016, from the **CITY OF CHARLOTTESVILLE, VIRGINIA**, a municipal corporation and political subdivision of the Commonwealth of Virginia (hereinafter, the "CITY"), GRANTOR, to **CHERRY AVENUE INVESTMENTS, LLC**, GRANTEE, whose address is 170 South Pantops Drive, Charlottesville, Virginia 22911.

WITNESSETH:

WHEREAS, GRANTEE is the owner of certain real property in the City of Charlottesville, Virginia, designated on City Real Estate Tax Map 29 as Parcels 145, 150, 151 and 157 (the "Property"); and

WHEREAS, by recordation of a Boundary Line Adjustment and Easement Plat dated January 5, 2016, last revised April 5, 2016, by Cherry Avenue Investments, LLC, of record in the Charlottesville Circuit Court Clerk's Office as Instrument 2016-00001352, the CITY was conveyed a permanent easement and right of way for the construction, relocation and maintenance of sanitary sewer facilities across the Property (the "2016 Sewer Easement"); and

WHEREAS, the 2016 Sewer Easement replaced in part an existing sanitary sewer easement acquired by the City by deed dated July 22, 1948, and shown on the plat dated June 1948 attached to said instrument, the deed and plat being of record in the Charlottesville Circuit Court Clerk's Office in Deed Book 139, Page 373, and by the same Deed the City was granted the easement and right to create slopes for street construction, shown on the 1948 plat; and

WHEREAS, GRANTEE has requested the City to Quitclaim and Release the sewer and slope easements granted to the City in 1948, as they cross its property and which are no longer necessary for access, maintenance, or repair of the new sanitary sewer facilities; and

WHEREAS, the CITY has agreed to release the 1948 sewer and slope easements as requested by GRANTEE, after holding a public hearing, advertised in accordance with Virginia Code Sec. 15.2-1800(B), and adoption of an Ordinance by the Charlottesville City Council on May 16, 2016.

WITNESSETH:

NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00), receipt of which is hereby acknowledged, the CITY does hereby RELEASE and forever QUITCLAIM all its right, title and interest in and to the sanitary sewer and slope easements acquired by the CITY by deed dated July 22, 1948, shown on a plat attached to said instrument at Deed Book 139, page 373, and shown on the attached plat dated _____ by Dominion Engineering.

IN WITNESS WHEREOF, the City of Charlottesville has caused this deed to be executed by its Mayor, pursuant to an Ordinance adopted by City Council on May 16, 2016.

WITNESS the following signatures and seals:

GRANTOR: **CITY OF CHARLOTTESVILLE, VIRGINIA**

By: _____
A. Michael Signer, Mayor

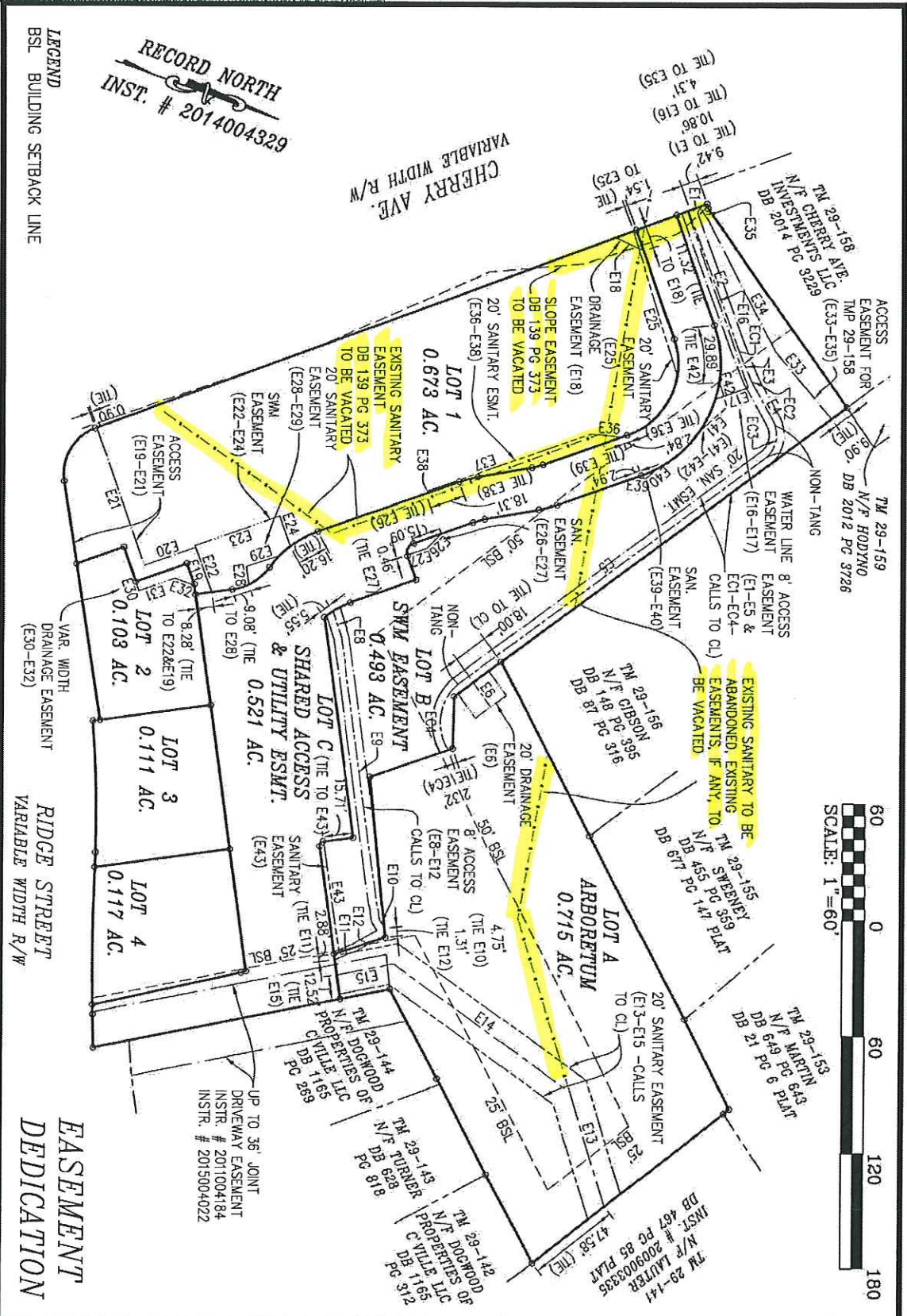
APPROVED AS TO FORM:

S. Craig Brown, City Attorney
City of Charlottesville, Virginia

COMMONWEALTH OF VIRGINIA
CITY OF CHARLOTTESVILLE

The foregoing instrument was acknowledged before me this _____ day of _____, 2016 by A. Michael Signer, Mayor, on behalf of the City of Charlottesville, Virginia.

NOTARY PUBLIC
Registration #: _____
My commission expires: _____



LEGEND
BSL BUILDING SETBACK LINE

RECORD NORTH
INST. # 2014004329

CHERRY AVE
VARIABLE WIDTH R/W

VAR. WIDTH DRAINAGE EASEMENT (E30-E32)

RIDGE STREET VARIABLE WIDTH R/W

EASEMENT DEDICATION

SCALE: 1"=60'

Professional Engineer Seal for Dominion Engineering, Inc. License No. 1994. Address: 175 South Platte Road, Charlottesville, VA 22911. Phone: 434-973-0621. Website: dominioneng.com.

Commonwealth of Virginia Land Surveyor Seal for W.D. SEWARD, License No. 1994. Commission Expires 4-21-2016.

BOUNDARY LINE ADJUSTMENT & EASEMENT PLAT
TAX MAP 29
PARCELS 145, 146, 147, 149, 150, 151 & 157
WILLIAM TAYLOR PLAZA
CITY OF CHARLOTTESVILLE, VIRGINIA

DATE: 1-5-2016	REVISION: 4-5-2016	DRAWN BY: BRV	SHEET: V3
PROJECT NO: 15.0062	REVISION: 4-21-2016	CHECKED BY: WDS	3 OF 4

**CITY OF CHARLOTTESVILLE, VIRGINIA
CITY COUNCIL AGENDA**



Agenda Date:	May 16, 2016
Action Required:	Public Hearing for Utility Rates- Adoption is June 6 th , 2016
Presenter:	Sharon O'Hare, Assistant Finance Director, City of Charlottesville
Staff Contacts:	Christopher V. Cullinan, Director of Finance Sharon O'Hare, Assistance Finance Director Teresa Kirkdoffer, Senior Accountant
Title:	Proposed Utility Rates for FY2017

Background:

Recent news stories from across the country have highlighted the value of providing reliable, safe, environmentally responsible utility services. Protecting public health and safety is a core part of the City's utility service. The City (in conjunction with our partners at the Rivanna Water and Sewer Authority and Albemarle County Service Authority) has an exceptional track record of providing reliable, top-quality water that meets or exceeds all federal and state standards for public health. The City's Gas Division provides safe, efficient, reliable and economical service whose supply has never been interrupted. The Gas Division has a robust safety program for our customers and the public to be cautious working around natural gas pipelines and how to detect gas leaks.

These valuable services require investments of resources, time, and expertise. The quality and accessibility of utility services is the result of thoughtful, deliberate planning to ensure efficient and orderly maintenance and operation of these systems. This need for investment in our utility systems is not without cost but must be balanced with affordability.

The City of Charlottesville will adopt water, wastewater, and natural gas rates for the upcoming fiscal year beginning July 1, 2016 (FY2017). This is the public hearing for the proposed utility rates which are scheduled to be adopted by City Council on June 6th, 2016.

Discussion:

The City is proposing the following rates in the water, wastewater, and gas utility:

- \$54.51/1,000 cubic feet (cf) of water,
- \$74.61/1,000 cf of wastewater, and;
- \$70.15/8,000 cf of natural gas.

Utility customers continue to conserve water and natural gas which is both good for the environment and their utility bill. The average residential water customer is using 427 cf per month compared to 437 cf per month last year. Similarly, the average residential gas customer is using 4,878 cf compared to 5,092 cf last year. Based on these usage figures and the proposed utility rates, the average residential customer is projected to spend the following per month:

	<u>Current</u>	<u>Proposed</u>	<u>Increase</u>	<u>Percent</u>
Water	\$ 26.36	\$ 27.28	\$ 0.92	3.49 %
Wastewater	34.08	35.86	1.78	5.22
Gas	<u>54.79</u>	<u>48.22</u>	<u>(6.57)</u>	<u>(11.99)</u>
Total	\$ 115.23	\$ 111.36	\$ (3.87)	(3.36) %

For City residential customers who receive water, wastewater, and natural gas (approximately 87% of City residents), their total utility bill is projected to be lower in FY2017. For residential customers who receive just water and wastewater service, their utility bill will increase by less than \$3 per month.

Budgetary Impact:

Not adopting the recommended rates would impact both the Utility Funds and the General Fund. The Utility Funds are self-sustaining and the supported 100% by self-generated revenues. Not adopting the full rates would result in unbalanced budgets for the Utility Funds. In addition, City Council has adopted the General Fund budget for FY2016, which includes transfers from the Utility Funds in the form of payments-in-lieu-of-taxes (PILOT) and indirect cost allocations. Not adopting the proposed rates would result in decreased revenues to the General Fund.

Recommendation:

Staff recommends approval of the proposed rates.

Alternatives:

Maintaining existing rates will result in nearly over \$1,175,000 loss within the Water Fund and over \$1,759,000 loss within the wastewater fund. This would exhaust available fund balances and would violate the City's long term financial policies by not meet the working capital requirements. Keeping FY2016 gas rates will result in a profit within the gas utility and overcharge our customers. If the utilities are not self-sustaining, the funds would either require subsidies from other City funds to maintain levels-of-service or reduced reliability and performance of the utility systems.

Attachments:

At a Glance, Press Release.

At A Glance

City of Charlottesville Utility Rate Report FY2017

The following material provides a brief summary of the rate and fee recommendations for water, wastewater, and natural gas for FY2017. All rates will go into effect July 1, 2016. For a thorough explanation and details of the recommendations please consult the complete Proposed Utility Rate Report FY2017.

For an average single family household customer using 427 cubic feet (cf) of water and wastewater and 4,878 cf of gas per month, the City is proposing the following changes in the water, wastewater, and gas rates:

	<u>Current Monthly Charge</u>	<u>Proposed</u>	<u>Increase</u>	<u>Percent</u>
Water	\$ 26.36	\$ 27.28	\$ 0.92	3.49 %
Wastewater	34.08	35.86	1.78	5.22
Gas	<u>54.79</u>	<u>48.22</u>	<u>(6.57)</u>	<u>(11.99)</u>
Total	\$ 115.23	\$ 111.36	\$ (3.87)	(3.36) %

WATER RATES

The proposed composite rate for FY2017 for 1,000 cubic feet of water is \$54.51.

Impact on the Customer

The customer impact from the rate increase will depend on how much water the customer consumes a month. The average single-family household uses 427 cf/month (3,194 gallons/month; approximately 106.5 gallons/day).

- **The monthly bill for the average single-family customer** will increase from \$26.36 to \$27.28; an increase of \$0.92 or 3.49%.
- The monthly bill for the customer who uses 1,000 cubic feet of water per month (and including the \$4.00 monthly charge) will increase from \$56.37 to \$58.51, an increase of \$2.14 or 3.80%.

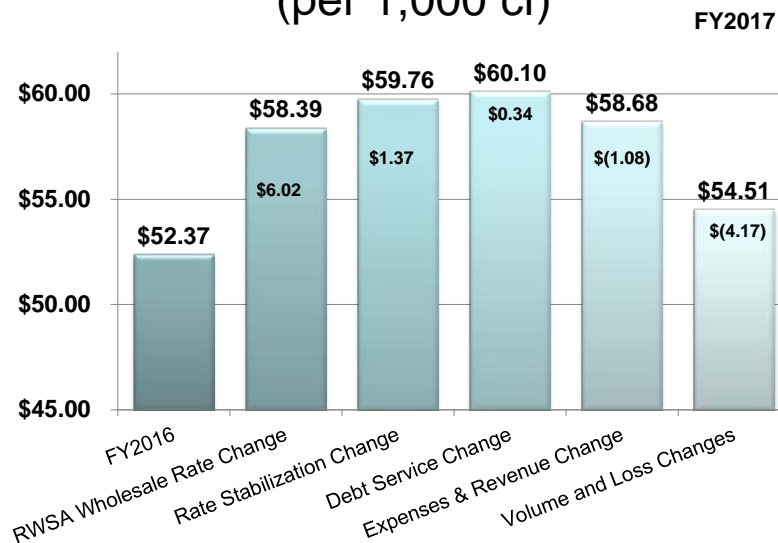
Factors Influencing the Water Rate

The impact of each component on the final rate is shown below.

- Increasing wholesale rate from RWSA increased the City's rate by \$6.02.
- Using \$200,000 less of rate stabilization funds increases the rate by \$1.37.
- A \$50,000 increase in debt service results in a \$0.34 increase.
- Decreases in operating expenses and increases in non-rate revenue reduce the rate by \$1.08.
- The change in volume and number of customers results in a \$4.17 reduction in the rate.

In total, these components result in an increase in the rate to \$54.51 per 1,000 cf.

Impacts on Water Rate (per 1,000 cf)



City of Charlottesville Utility Rate Report FY2017

WASTEWATER RATES

The proposed rate for 1,000 cubic feet of wastewater FY2017 is \$74.61.

Impact on the Customer

- **The average monthly wastewater bill for the single-family customer**, who uses 427 cubic feet of water, will rise from \$34.08 to \$35.86, an increase of \$1.78 or 5.22%.
- The monthly bill for the customer who uses 1,000 cubic feet of water per month (and including the \$4.00 monthly charge) will rise from \$74.44 to \$78.61, an increase of \$4.17 or 5.60%.

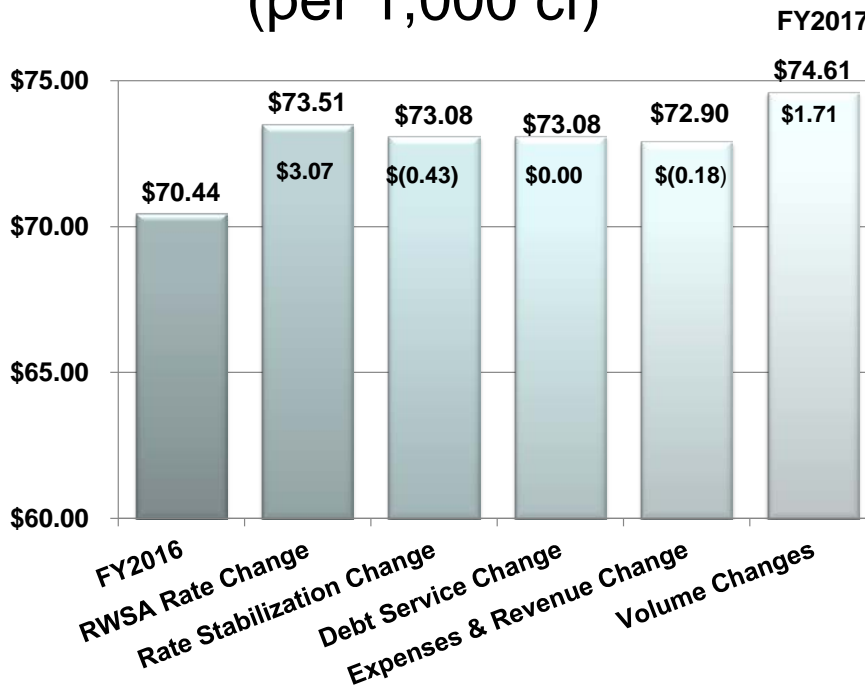
Factors Influencing the Wastewater Rate

The impact of each component on the final rate is depicted below.

- An increase in the treatment rate from RWSA increases the City's rate an additional \$3.07.
- The use of an additional \$100,000 in rate stabilization funds produces a decrease in the wastewater rate by \$0.43.
- There is no change in debt service.
- Decreases in operating expenses and increases in non-rate revenue results in a decrease in the rate of \$0.18.
- The change in treatment volume and number of customers increases the rate by \$1.71.

In total, these components result in an increase in the rate to \$74.61 per 1,000 cf.

Impacts on Wastewater Rate (per 1,000 cf)



City of Charlottesville Utility Rate Report FY2017

GAS RATES

Impact on Average Customer

Proposed firm rates for July 1, 2016 are 12.82% lower for the typical firm customer using 8,000 cf than actual rates for March, 2016. Firm customers include all types of customers (residential, commercial and industrial) for whom gas supplies are guaranteed to be available all year long without interruption. The actual decrease is dependent upon usage.

- For a representative residential monthly consumption of 8,000 cf, the monthly bill will decrease from \$80.47 to \$70.15, a decrease of 12.82%.
- The average single-family household, who consumes 4,878 cf of gas, will see the monthly bill decrease from \$54.79 to \$48.22, a reduction of 11.99%.

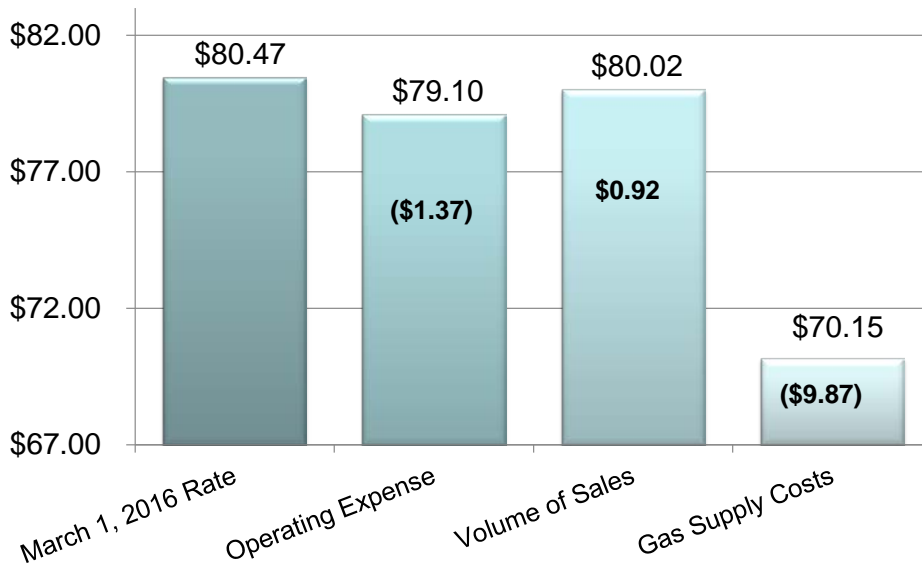
Factors Influencing the Gas Rate

Continued growth in our customer base and a volatile gas wholesale market contribute decrease to firm customers. The proposed 12.82% decrease to firm customers, from \$80.47 to \$70.15, is due to the following:

- Reductions in the operating budget (not including gas purchases) resulting in a \$1.37 decrease.
- Decreasing sales volume for firm customers producing a \$0.92 increase.
- Decreases in total gas supply costs resulting in a \$9.87 decrease

In total, these components result in a decrease in the rate to \$70.15 per 8,000 cf.

Impacts on Gas Rate (per 8,000 cf)



CHARLOTTESVILLE, VA - The City of Charlottesville announced today that staff will present the FY 2017 Utility Rate Recommendations to City Council at their regular meeting on May 16, 2016, at 7pm in City Council Chambers.

The City is proposing the following changes in the water, wastewater, and gas utility. The rates are based on average single family household usage per month:

	Current Monthly Charge	Proposed	Change	Percent
Water	\$ 26.63	\$ 27.28	\$ 0.92	3.49%
Wastewater	\$ 34.08	\$ 35.86	\$ 1.78	5.22%
Gas	\$ 54.79	\$ 48.22	-\$ 6.57	-11.99%
Total	\$ 115.23	\$ 111.36	-\$ 3.87	-3.36%

For Customers using water, wastewater, and gas the monthly charge will decrease by \$3.87 or 3.36% of the combined charges for the average single family residential house using 427 cubic feet of water and 4,878 cubic feet of gas.

The rates charged to our customers are derived from wholesale charges from the Rivanna Water and Sewer Authority (RWSA), BP Gas, operating expenses of the City utilities, and debt service cost.

The entire Utility Rate Report recommendation can be found on the City website, www.charlottesville.org/ubo

**AN ORDINANCE
AMENDING AND REORDAINING
CHAPTER 31 (UTILITIES) OF THE CODE
OF THE CITY OF CHARLOTTESVILLE, 1990, AS AMENDED,
TO ESTABLISH NEW UTILITY RATES AND SERVICE FEES
FOR CITY GAS, WATER AND SANITARY SEWER.**

BE IT ORDAINED by the Council of the City of Charlottesville, Virginia, that:

1. Sections 31-56, 31-57, 31-60, 31-61, 31-62, 31-153 and 31-156 of Chapter 31, of the Code of the City of Charlottesville, 1990, as amended, are hereby amended and reordained as follows:

CHAPTER 31. UTILITIES

ARTICLE II. GAS

DIVISION 2. TYPES OF SERVICE; SERVICE CHARGES

Sec. 31-56. Rates - Generally.

The firm service gas rates based on monthly meter readings shall be as follows:

Basic Monthly Service Charge	\$ 10.00	
First 3,000 cubic feet, per 1,000 cubic feet	\$ 9.4665	<u>\$8.0201</u>
Next 3,000 cubic feet, per 1,000 cubic feet	\$ 8.8985	<u>\$7.5389</u>
Next 144,000 cubic feet, per 1,000 cubic feet	\$ 7.9518	<u>\$6.7369</u>
All over 150,000 cubic feet, per 1,000 cubic feet	\$ 7.7625	<u>\$6.5765</u>

Sec. 31-57. Same--~~Summer~~ air conditioning.

(a) Gas service at the rate specified in this paragraph ("air conditioning rate") shall be available to customers who request such service in writing and who have installed and use air conditioning equipment operated by natural gas as the principal source of energy. The air conditioning rate will be ~~\$8.0591~~ \$7.1571 per one thousand (1,000) cubic feet of gas used per month.

(b) The director of finance may, when it is impracticable to install a separate meter for air conditioning equipment, permit the use of one (1) meter for all gas delivered to the customer, in which instance the director of finance shall estimate the amount of gas for uses other than air conditioning and shall bill for such gas at the rates provided in applicable sections of this division.

...

Sec. 31-60. Interruptible sales service.

(a) *Conditions.* . . .

(b) *Customer's agreement as to discontinuance of service.* . . .

(c) *Basic monthly service charge.* The basic monthly charge per meter for interruptible sales service ("IS gas") shall be sixty dollars (\$60.00).

(d) *Rate.* For all gas consumed by interruptible customers the rate shall be ~~\$6.9358~~ \$5.6652 per one thousand (1,000) cubic feet for the first six hundred thousand (600,000) cubic feet, and ~~\$5.7006~~ \$4.3750 per one thousand (1,000) cubic feet for all volumes over six hundred thousand (600,000) cubic feet.

(e) *Annual Minimum Quantity.* Interruptible rate customers shall be obligated to take or pay for a minimum quantity of one million two hundred thousand (1,200,000) cubic feet of gas annually. Each year, as of June 30, the director of finance shall calculate the total consumption of each interruptible customer for the preceding twelve (12) monthly billing periods, and shall bill any customer that has consumed less than the minimum quantity for the deficient amount at the rate of ~~\$5.7006~~ \$4.3750 per one thousand (1,000) cubic feet. Any new customer shall be required to enter into a service agreement with the City prior to the start of service. If an interruptible customer terminates service the annual minimum requirement shall be prorated on the basis of one hundred thousand (100,000) cubic feet per month for each month the customer has received service since the last June 30 adjustment.

(f) *Contract required.* . . .

Section 31-61. Interruptible Transportation Service.

(a) *Generally.* ...

(b) *Rates.* The rates for interruptible transportation service ("TS gas") shall be as follows:

- (1) \$3.6347 per decatherm for a combined IS and TS customer, and
- (2) ~~\$3.3278~~ \$3.1808 per decatherm for a customer receiving only TS gas, and
- (3) ~~\$1.9588~~ \$1.8869 per decatherm, for customers who transport 35,000 or more decatherms per month ("large volume transportation customers"), regardless of whether such large volume transportation customer receives only TS gas, or also receives IS service.

- (c) *Basic Monthly Service Charges. . . .*
- (d) *Special terms and conditions. . . .*
- (e) *Extension of facilities. . . .*
- (f) *Billing month. . . .*
- (g) *Lost and unaccounted-for gas. . . .*
- (h) *Combined IS and TS customer using more than provided or scheduled by customer....*
- (i) *TS Customer providing more gas, or less gas, than customer's usage. . . .*
- (j) *Other terms and conditions. . . .*

Section 31-62. Purchased gas adjustment.

In computing gas customer billings, the basic rate charges established under sections 31-56, 31-57, 31-60 and 31-61 shall be adjusted to reflect increases and decreases in the cost of gas supplied to the city. Such increases or decreases shall be computed as follows:

(1) For the purpose of computations herein, the costs and charges for determining the base unit costs of gas are:

- a. Pipeline tariffs;
- b. Contract quantities; and
- c. Costs of natural gas, in effect or proposed as of March 1, ~~2015~~ 2016.

(2) Such base unit costs are ~~\$4.412~~ 3.2613 per one thousand (1,000) cubic feet for firm gas service and ~~\$3.1235~~ 1.9814 per one thousand (1,000) cubic feet for interruptible gas service.

(3) In the event of any changes in pipeline tariffs, contract quantities or costs of scheduled natural gas, the unit costs shall be recomputed on the basis of such change in accordance with procedures approved by the city manager. The difference between the unit costs so computed and the base unit costs shall represent the purchased gas adjustment to be applied to all customer bills issued beginning the first billing month after each such change.

ARTICLE IV. WATER AND SEWER SERVICE CHARGES

...

Sec. 31-153. Water rates generally.

(a) Water rates shall be as follows:

	<u>May-September</u>	<u>October-April</u>
(1) Monthly service charge.	\$4.00	\$4.00
(2) Metered water consumption, per 1,000 cu. ft .	\$60.31 <u>62.78</u>	\$46.39 <u>48.29</u>

(b) This section shall not apply to special contracts for the consumption of water which have been authorized by the city council.

...

Sec. 31-156. Sewer service charges generally.

(a) Any person having a connection directly or indirectly, to the city sewer system shall pay therefor a monthly charge as follows:

(1) A basic monthly service charge of four dollars (\$4.00).

(2) An additional charge of ~~seventy dollars and forty four cents (\$70.44)~~ seventy four dollars and sixty one cents (\$74.61) per one thousand (1,000) cubic feet, of metered water consumption.

(b) Any water customer not discharging the entire volume of water used into the city's sanitary sewer system shall be allowed a reduction in the charges imposed under this section, provided such person installs, at his expense, a separate, City-approved water connection to record water which will not reach the City sewer system. The cost and other terms of City Code section 31-102 shall apply. For customers with monthly water consumption in excess of thirty thousand (30,000) cubic feet, where the director of finance considers the installation of a separate meter to be impracticable, the director may establish a formula which will be calculated to require such person to pay the sewer charge only on that part of the water used by such person which ultimately reaches the city sewers.

2. The foregoing amendments shall become effective July 1, 2016.

CITY OF CHARLOTTESVILLE, VIRGINIA CITY COUNCIL AGENDA



Agenda Date:	May 16, 2016
Actions Required:	Yes (Approval of Resolution)
Staff Presenter:	Craig Brown, City Attorney
Staff Contacts:	Lauren Hildebrand, Director of Utilities Andrew Gore, Assistant City Attorney
Re:	Steephill Street - Acquisition of Permanent Utility Easement

Background:

The City owns existing water, sanitary sewer, and gas utility lines running beneath Steephill Street. The City has no record of who initially installed these utility lines, but they have been in place since prior to the annexation of this area into the City in 1963. The City currently has no recorded utility easements providing a right of access over the parcels underlying the Steephill Street right-of-way, which are necessary to maintain, repair, and replace these lines.

Steephill Street is a 40' right-of-way between East Market Street and Chesapeake Street, created for the use of the owners of the parcels shown on the original subdivision plat. By operation of law each abutting property owner owns the land within the right-of-way to the centerline of the street. The City claims no ownership interest in the street, with the exception of the utility lines running beneath it. The attached plat ("Plat"), dated November 4, 2015, prepared for the City by Draper Aden Associates, shows each of the parcels adjacent to Steephill Street, and the area of each parcel over which the City intends to acquire a permanent utility easement for the maintenance, repair, and replacement of the utility lines.

Discussion:

On January 27, 2016, the City made a bona fide offer in writing to the record owners of 1809 East Market Street, Louis Schultz and Laura Covert ("Owners"), to purchase the permanent utility easement ("Easement") shown as Easement Area #5 on the Plat. This Easement Area consists of a 5,754 square foot portion of the right-of-way adjacent to the parcel at 1809 East Market Street, also identified as Parcel 139 on City Real Property Tax Map 55A ("the Property"). The compensation offered to the owners was \$2,789.00, the amount determined by the City Assessor to be the fair market value of the Easement.

To date, the Owners have not accepted the City's offer nor made a counteroffer for a conveyance of the easement. Accordingly, the City's attempt to obtain the easement through a voluntary sale by the owners has been ineffectual. Further, staff believes that a sanitary sewer main within the Easement Area needs to be repaired or replaced, creating a need to acquire the Easement as soon as possible. For these reasons, staff recommends that Council authorize the additional steps necessary to acquire the Easement as detailed below.

Staff requests that Council approve the filing of a Certificate of Take for Easement whereby an amount equal to the fair market value of the Easement will be escrowed with the court and may be claimed in part or whole by the Owners without prejudicing their ability to receive a subsequent negotiated settlement or award at a condemnation trial. Once the City has filed a Certificate of Take, it may take legal possession of the Easement and may proceed immediately with inspection, repair, and maintenance of the City's utility lines. Council is asked to conduct a public hearing and to authorize the filing of a Certificate of Take and the initiation of condemnation proceedings as outlined in the attached Resolution.

Budget Impact: The amount to be escrowed for the Easement as outlined above. Fees and costs for outside legal counsel as necessary to complete condemnation proceedings or otherwise resolve this matter.

Recommendation: Staff recommends approval of the attached Resolution to file a Certificate of Take and to authorize the initiation of condemnation proceedings for the Easement.

Attachments:

- A. Proposed Resolution to authorize filing Certificate of Take for the Easement and the initiation of condemnation proceedings
- B. Plat showing proposed Easement Area

**A RESOLUTION
AUTHORIZING THE TAKING OF POSSESSION AND TITLE PURSUANT TO
VA. CODE § 25.1-300 ET SEQ. AND THE INITIATION OF CONDEMNATION
PROCEEDINGS TO ACQUIRE A PERMANENT UTILITY EASEMENT OF
APPROXIMATELY 5,754 SQUARE FEET WITHIN THE BOUNDARIES OF
STEEPHILL STREET, ADJACENT TO REAL PROPERTY LOCATED AT 1809
EAST MARKET STREET (CITY REAL PROPERTY TAX MAP 55A, PARCEL
139) FOR THE OPERATION, MAINTENANCE, REPAIR, AND
REPLACEMENT OF EXISTING PUBLIC WATER, SANITARY SEWER, AND
GAS UTILITY LINES**

WHEREAS, the City owns and operates public water, sanitary sewer and gas utility lines beneath a portion of Steepphill Street; and,

WHEREAS, upon information and belief, Steepphill Street is a 40' private right-of-way between East Market Street and Chesapeake Street, owned to the center line of the street by the record owners of the adjacent parcels, as shown on the plat dated November 4, 2015, attached hereto and incorporated herein; and,

WHEREAS, for the public use of operating, maintaining, repairing, and replacing the aforesaid utility lines, it is necessary for the City to acquire a permanent utility easement over a portion of Steepphill Street adjacent to real property known as 1809 East Market Street, also identified as City Real Property Tax Map 55A, Parcel 139; and,

WHEREAS, the area of the proposed permanent utility easement consists of approximately 5,754 square feet, shown as Easement Area 5 on the attached plat; and,

WHEREAS, the City has made a bona fide offer of \$2,789.00 to the record owners of the Easement Area, Louis Schultz and Laura Covert, to purchase said easement, which amount has been determined to be the fair market value of the easement by the City Assessor, and,

WHEREAS, that offer has not been accepted, and it is apparent that said offer is ineffectual, and

WHEREAS, the City is authorized pursuant to Va. Code § 15.2-1904 to take possession and title of the easement through the procedures set forth in Va. Code § 25.1-300, et seq.; and

WHEREAS, a public hearing was duly advertised and held;

NOW, THEREFORE, BE IT RESOLVED by the Council for the City of Charlottesville, Virginia that this Council does hereby approve the use of the procedures set forth in Va. Code § 25.1-300, et seq. and the initiation of condemnation proceedings, in order to acquire, for the public use of operating, maintaining, repairing and replacing the existing public utility lines beneath Steepphill Street, the permanent utility easement

shown as Easement Area 5 on the attached plat, which consists of approximately 5,754 square feet adjacent to City Real Property Tax Map 55A, Parcel 139; and

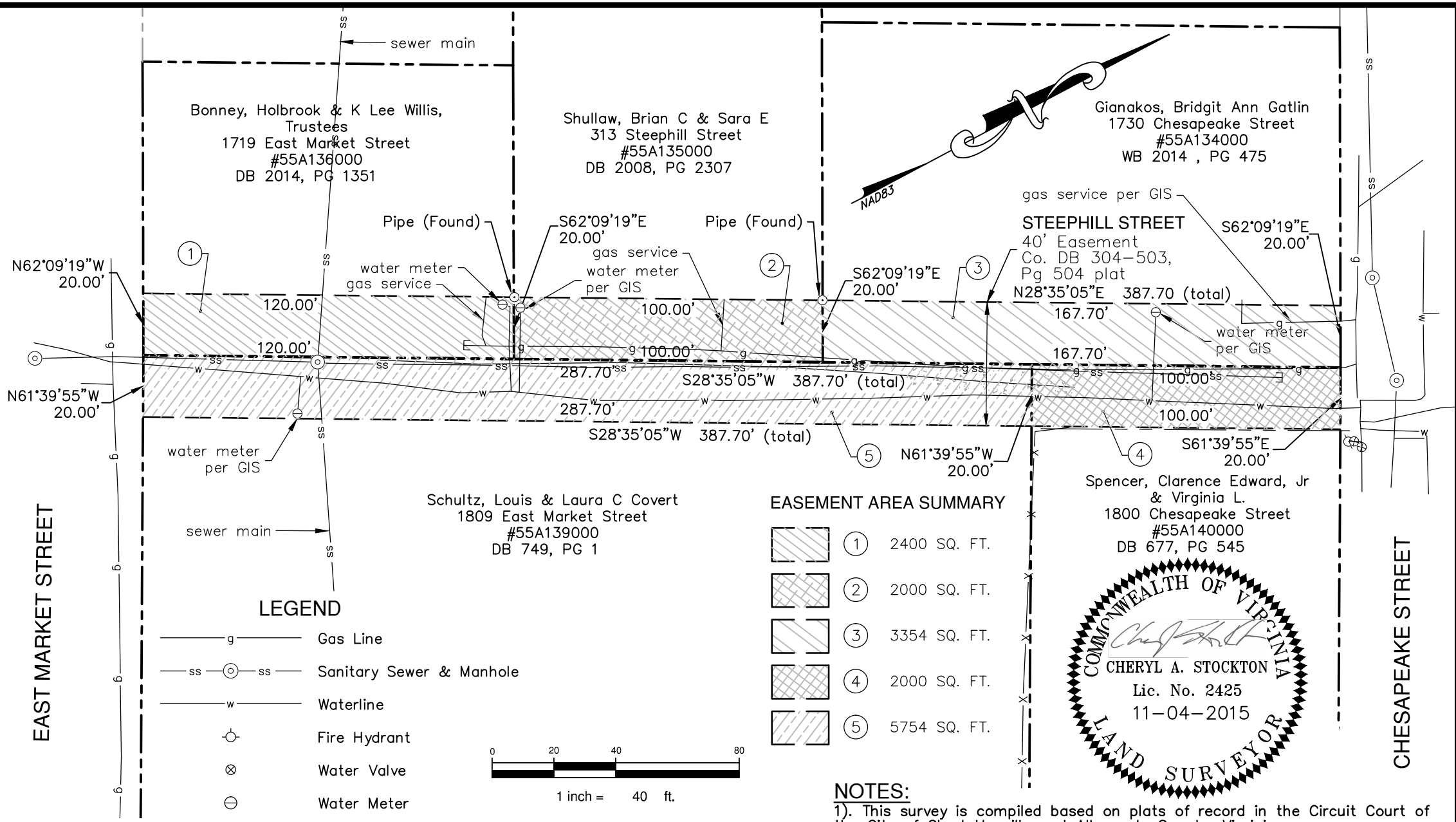
BE IT FURTHER RESOLVED that the City Council hereby finds that the acquisition of the easement as shown on the attached plat as Easement Area 5 is necessary and for a public purpose; and,

BE IT FURTHER RESOLVED that the City Council certifies that it has reviewed the proposed acquisition of this easement for the purposes of complying with Va. Code § 1-219.1, and concluded that it has no reasonable alternative to condemnation, and,

BE IT FURTHER RESOLVED that nothing herein shall be construed as prohibiting the voluntary acquisition of the necessary property interest(s) through further negotiations with the landowners; and

BE IT FINALLY RESOLVED that the City Attorney is authorized to retain outside counsel to assist in the acquisition of a permanent utility easement.

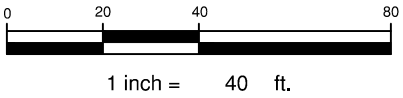
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EAST MARKET STREET

CHESAPEAKE STREET

- LEGEND**
- g— Gas Line
 - ss— Sanitary Sewer & Manhole
 - w— Waterline
 - ⊙ Fire Hydrant
 - ⊗ Water Valve
 - ⊕ Water Meter



EASEMENT AREA SUMMARY

	①	2400 SQ. FT.
	②	2000 SQ. FT.
	③	3354 SQ. FT.
	④	2000 SQ. FT.
	⑤	5754 SQ. FT.



- NOTES:**
- 1.) This survey is compiled based on plats of record in the Circuit Court of the City of Charlottesville and Albemarle County, Virginia.
 - 2.) All improvements are not shown.
 - 3.) This compiled plat was prepared without the benefit of a title report and may not depict all easements and encumbrances of record.
 - 4.) Sanitary sewer connections are shown per GIS and field-located manholes. Other utilities are shown per City of Charlottesville field-designation unless otherwise noted.

**COMPILED PLAT SHOWING PROPOSED 20' UTILITY EASEMENTS
TAX PARCELS 55A134000, 55A135000, 55A136000, 55A139000 & 55A140000
CITY OF CHARLOTTESVILLE, VIRGINIA**

DRAWN: CAS
CHECKED: KLC

SCALE: 1"=40'
DATE: 11/04/2015

PROJECT: C15133C-015

Draper Aden Associates
Engineering • Surveying • Environmental Services
 Richmond, VA
 Blacksburg, VA
 Hampton Roads, VA
 700 Harris Street, Suite E
 Charlottesville, VA 22903
 434-295-0700 Fax: 434-295-2105

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**CITY OF CHARLOTTESVILLE, VIRGINIA
CITY COUNCIL AGENDA**



Agenda Date:	May 16, 2016
Action Required:	Presentation
Presenter:	Paul Josey, Chair – Tree Commission
Staff Contacts:	Chris Gensic, Parks and Recreation
Title:	Annual Tree Commission report to council

Background:

The Tree Commission provides an annual report to council on successes from the prior year and anticipated goals for the coming year.

Discussion:

This is an annual update, a copy of the items to be discussed it attached.

Alignment with City Council's Vision and Priority Areas:

The Tree Commission supports the City Council's "Green City" by preserving and enhancing a natural and forested area of the City. It contributes to Goal 2 of the Strategic Plan, to be a safe, equitable, thriving and beautiful community.

Community Engagement:

The Tree Commission holds regular meetings open to the public and the Urban Forest Management Plan is developed with public input.

Charlottesville Tree Commission Highlights of 2015 Activities

Tree Protection and Planting

- **Initiated and consulted on tree planting** on the new Water St. extended.
- **Provided comments that lead to new tree protection zones and practices** in the Tonsler Park renovations and the McIntire Skate Park plan to maximize protection of major stands of large shade trees.
- **Nominated trees for protection under the city's tree protection ordinance** including 4 landmark oaks in McIntire Park East.
- **Called for enforcement of tree protection site plan requirements** not being followed at a major new building site at 2nd and Garrett streets that threaten a prominent large oak tree.
- **Surveyed and identified tree planting opportunities in city entrance corridors** with insufficient tree canopy. Identified locations were added to the fall 2015 planting plan resulting in over 15 new trees.
- **Worked with staff to initiate an updated Tree Canopy Study** to assess size of canopy and any loss since the last study, and to identify entrance corridors and neighborhoods that lack adequate canopy. Initial findings suggest a canopy loss of about 5-7.5% (350-518 acres) over the past ten years.
- **Initiated discussion on a long-term tree planting plan** for the city based on the canopy study.
- **Initiated a study of the health of the mall trees** by James Urban, a foremost expert on urban tree health, to guide future management of these trees, which are so highly valued by the entire community and are critical to the economic success of the mall.
- **Partnered with the Charlottesville/Albemarle Tree Stewards**, Monticello, VDOT and PVCC to design and plant the first 10 of 70 new trees in the Route 20 entrance corridor from Monticello to the city limits. This is Phase 1 of a larger project to continue planting in this area.

Tree Advocacy

- **Participated in the Streets that Work Project** advocating for shade trees on all city streets, in particular large and medium canopy trees.
- **Commented on the West Main St. rezoning and streetscape plans**, advocating for larger setbacks and planting large and medium shade trees to replace the substantial number of mature trees that will be lost in the street improvement process.
- **Commented on tree planting at several high profile projects** including William Taylor Plaza, and the 250/Best Buy Ramp among others, offering specific suggestions for additional planting sites and species. VDOT has accepted our recommendations for placement and species of trees at the 250/Best Buy Ramp project.
- **Commented on a portion of the redesign of Seminole Square** and encouraged the city to take a more comprehensive view of the re-design and landscaping of this area as part of the Berkmar Drive project to maximize beauty, functionality and connections to surrounding neighborhoods.
- **Consulted with the BAR on tree related issues** at sites on W. High St. and Grady Avenue.
- **Called for maximum tree protection and replanting** as part of the Schenk's Branch interceptor project on McIntire Road.
- **Advocated for \$ 75,000 for urban forest management** in this year's Capital Improvement budget to be able to maintain the current level of tree planting and maintenance work.

Education

- **Cut the ribbon on the small tree arboretum** in the median of Jefferson Park Avenue extended, designed to demonstrate species of small trees that are compatible with overhead utility lines.
- **Attended a presentation by Burnley Moran 4th graders** on how to protect our ash trees from Emerald Ash Borer. At their suggestion prepared an insertion for the utility bill flyer telling people about the ash borer and what can be done to protect trees.
- **Helped survey ash trees** in the city for treatment for Emerald Ash Borer.

CITY OF CHARLOTTESVILLE, VIRGINIA
CITY COUNCIL AGENDA



Agenda Date:	May 16, 2016
Action Required:	Report
Presenter:	Brian Daly, Director, Parks and Recreation Doug Ehman, Manager, Parks Division John Mann, Landscape Manager
Staff Contacts:	Brian Daly, Director, Parks and Recreation Doug Ehman, Manager, Parks Division John Mann, Landscape Manager
Title:	Annual Integrated Pest Management Policy (IPM) Report

Background:

In April of 2015, City Council adopted the City's first Integrated Pest Management (IPM) Policy. The IPM program is a tool for protecting the environmental assets of the city while maintaining a high level of safety for the public and staff of the City of Charlottesville. The IPM approach has been utilized by the Department of Parks and Recreation in grounds management activities for over ten years. Participation in the Environmental Management System (EMS) led the Parks Division to adopt the tenants of an IPM program resulting in reductions in pesticide use, safer pesticide products, and greater environmental responsibility in pesticide applications. The Annual Report is a required step outlined in the adopted Policy, and has been reviewed by the Parks and Recreation Advisory Board and the Tree Commission.

Discussion:

The intention of this report is to provide an overview of the City of Charlottesville's IPM program and provide insight into the decision-making process that occurs during the implementation of the program. It will disclose the current activities, explain the objectives, and highlight the future goals of the IPM program as it pertains to the city and its inhabitants.

Community Engagement:

The IPM Annual Report was developed by a Committee that includes representatives from the Council Appointed Tree Commission and the Parks and Recreation Advisory Board.

Alignment with City Council's Vision and Strategic Plan:

The IPM Policy supports City Council's "Green City" vision and contributes to Goal 2 of the Strategic Plan: Be a safe, equitable, thriving and beautiful community, and objective 2.5, to provide natural and historic resources stewardship.

Budgetary Impact:

This report has no impact on the General Fund.

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City of Charlottesville Parks and Recreation 2015 Annual Report

Integrated Pest Management



What is a pest?

Pests are organisms including insects and undesirable plants that damage landscapes, structures, infrastructure, or that impact human or animal health.

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Integrated Pest Management Program
Charlottesville Parks and Recreation Department

IPM Coordinator

John Mann, Landscape Manager/Horticulturist

IPM Program Manager

Patrick Hagan, Gardener II

IPM Committee

Brian Daly, Parks and Recreation Director

Doug Ehman, Parks Manager

Kristel Riddervold, Environmental Sustainability Manager

Lena Seville, Tree Commission Representative

Dave Hirschman, Parks & Recreation Advisory Board Rep.

What is Integrated Pest Management (IPM)?

The United States Environmental Protection Agency, or EPA, defines IPM as “The use of pest and environmental information in conjunction with available pest control technologies to prevent unacceptable levels of pest damage by the most economical means and with the least possible hazard to persons, property and the environment”.

IPM is a program that is used worldwide. It is recognized by the UN’s Food and Agricultural Organization and is championed by entomologists and ecologists as the appropriate method of discouraging pest populations and limiting pesticides and other control methods to a level that is economically justifiable while minimizing risk to human health and the environment.

The City of Charlottesville uses IPM policy to effectively manage pests, insects, weeds, pathogens, rodent and other vertebrates, while maintaining public safety and remaining environmentally sensitive. This sustainable approach combines a hierarchy of steps including cultural, physical, biological, and chemical controls to manage pests in a way that minimizes economic, health, and environmental risks.

What are biological, cultural, physical and chemical controls?

- **Cultural control** includes pruning, thinning, and fertilizing cultivated plants.
- **Physical or mechanical control** includes hand removal and the use of machines, traps, barriers, fences or nets to control a targeted pest.
- **Biological control** involves the use of natural enemies—parasites, predators, and pathogens to control a target pest.
- **Chemical control** involves the use of pesticides to prevent, repel, mitigate or destroy any pest.

Citywide Overview of Integrated Pest Management in Charlottesville



The intention of this report is to provide an overview of the City of Charlottesville's IPM program and provide insight into the decision-making process that occurs during the implementation of the program. It will disclose the current activities, explain the objectives, and highlight the future goals of the IPM program as it pertains to the city and its inhabitants.

Charlottesville is a city of stunning natural beauty. Integrating that natural beauty throughout the city-scape with green areas, gardens, and plant-accentuated parks makes Charlottesville unique. The IPM program is a tool for protecting the

environmental assets of the city while maintaining a high level of safety for the public and staff of the City of Charlottesville. The IPM approach has been utilized by the Department of Parks and Recreation in grounds management activities for over ten years. Participation in the Environmental Management System (EMS) led the Parks Division to adopt the tenants of an IPM program resulting in reductions in pesticide use, safer pesticide products, and greater environmental responsibility in pesticide applications. This and other environmental efforts led the Parks and Recreation Department to receive the highest State designation for Environmental Excellence.

The City of Charlottesville Parks and Recreation Department has an IPM Coordinator who is responsible for the implementation of the IPM plan and coordinates pest management-related communications between the Parks and Recreation Department, its service providers, staff and visitors.

The IPM Committee serves to review the program in safety-related issues as well as assist the coordinator in the resolution of pest-related issues.

The objectives of the IPM plan, it's coordinator, and the committee is the prevention of loss or damage to city owned assets by pests, the protection of environmental quality, and the elimination of significant threats caused by pests and their control, to the health and safety of staff and public.

Steps in the IPM Process

The city's IPM program is committed to a decision-making process that takes into account all factors before any action is taken. Pesticides are used as a last resort, or only when other controls are deemed ineffective. The IPM process includes scouting and assessment. Pests are located, identified, mapped and their density is recorded. Next, a threshold or tolerance level is established. Tolerance levels can vary widely for different pests and in certain instances can be very high. For example, wax scale growing on a holly shrub at Burnley-Moran School could be tolerated depending on its density and threat to the overall health of the plant.

Light pruning, a cultural control, may allow birds and other species of predators to gain access to the threat and keep the threshold to a minimum. On the other hand, poison ivy (an invasive and noxious vine) growing at the edge of a playground or on a railing used by school children and employees would have a lower tolerance.

What happens when the threshold is exceeded?

Cultural control

Pruning, mulching and aeration are all ways to make the environment less favorable for pest infestation.

Physical or mechanical control

Hand-pulling weeds, weed trimming, and using pest traps or barriers to reduce negative impacts are the next steps towards reducing the threshold.

Biological control

Improve environmental conditions to favorable levels, allowing for beneficial micro-organisms and natural predators to thrive.

Chemical control

When all other options have been exhausted, employee safety is at risk, or other options are not economically viable, chemical control is necessary.

Highlights of 2015

- IPM policy was fully adopted by City Council and implemented by the Parks Division on City maintained landscapes.
- Chemical applications were reduced significantly in 2015. That reduction occurred most notably in glyphosate usage. This is the active ingredient in Round-Up Herbicide.
- A pilot program was introduced using the Weed Dragon. This device is a propane torch which uses heat to quell the growth of weeds.
- A pilot program was initiated to prohibit the use of synthetic chemicals in the interior of McGuffey Park. The banks bordering the park are exclusive of this program.
- A policy of sign/flag notification was incorporated to inform the public of any pesticide application in parks, schools, or common areas.

- Environmental enhancement gardens, such as the pollinator garden on the John Warner Parkway, were established in an effort to raise public awareness to pollinators and sustainability in the ecosystem.
- Goats were utilized to control invasive plant species and minimize pesticide use in natural areas.
- A plan to address the threat of Emerald Ash Borer to city trees was initiated by the Urban Forester and Tree Commission.
- Native and disease-resistant plant species were chosen for landscape use to increase pest thresholds.

Interpretation of Pesticide Records

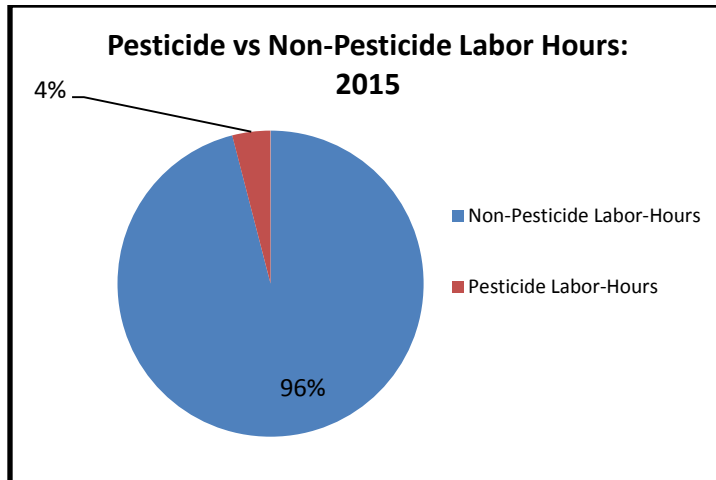
The data in this report provides an overview of the city's approach to pest issues. It highlights the strengths and also calls attention to areas of program implementation that need improvement.

Pesticide use can range from year to year. It is dependent on a variety of situations. Weather can affect growing conditions, making the environment favorable or prohibitive for pests. The removal of invasive plants to establish new plantings requires an increase in the use of pesticides. Maintaining these areas until they are established will also cause an increase in usage. Increasing mechanical and cultural controls can help to reduce the use of pesticides.

When comparing current data with data from previous years, city staff is able to assess and monitor the efficiency of the program. Areas requiring constant intervention year after year are recorded. City staff can administer changes involving the design or control methods of these areas to improve quality. This data can also help to guide and track program practices in a manner that is consistent with current and future city objectives.

The majority of staff hours related to landscape maintenance is spent on mechanical and cultural control. These methods are time-consuming but help to reduce pest populations.

Improvements to the implementation of the IPM program are constantly being updated. Revisions to the types of herbicides and the locations in which they will be used are currently being discussed. The impact of these revisions will be documented in future reports. This process will help city staff continue making choices that positively impact the citizens, employees, and environmental quality of the City of Charlottesville.



*Non-pesticide labor hours include cultural, mechanical, and biological controls such as mulching, weed removal and pruning for example. This graph does not include mowing hours or volunteer hours.

IPM in Horticulture



Charlottesville Parks and Recreation Horticulture Team is responsible for the maintenance of a large and varied amount of landscaped city space that includes over 14 acres of landscaped beds, 110 containers, over 148,000 linear feet of sidewalks, and over 900 young, actively managed trees. All of the landscaped areas are within the City's parks, public schools, Downtown Mall, cemetery shrubs, entry-way sign beds, greenways, and adjacent hardscapes. They perform total grounds maintenance on all young trees, shrubs, groundcovers, perennials, and management of annual floral beds.

IPM Practices in Landscape Beds and Right of Way

IPM techniques are applied to maintenance on all landscaped areas maintained by Parks within the city. Designs focus on proper plant selection to reduce maintenance.

Designing with native and drought-tolerant or disease-resistant plants can prevent future pest issues. Properly prepared soils and mulch during installation and throughout the maintenance stages will also help to prevent the introduction of pests.

Despite the prevention methods practiced through sound design, the issue of invasive weeds and vines is by far the most challenging pest problem in the city's landscaped areas.

Newly planted landscapes require more maintenance. The roots of these plants are not yet established and they are vulnerable to pests and drought. Their vegetation has not matured, leaving more bed area exposed, inviting weeds and other pests. These areas require frequent applications of mulch and regular supervision to maintain their integrity and ensure establishment.

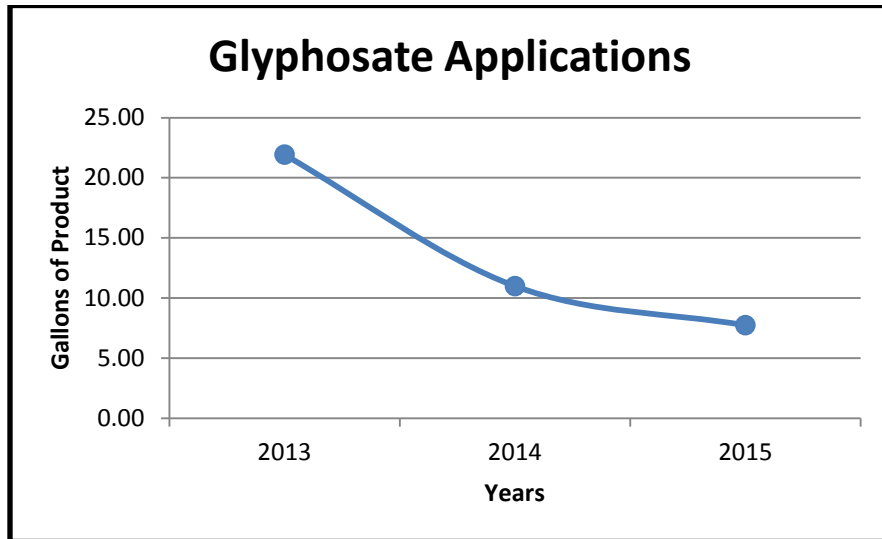
The city staff mechanically controls the majority of weeds by string trimming and hand-pulling methods in newly created landscape beds.

Applying a granular pre-emergent herbicide at the proper time in the growing season greatly reduces the onset of undesirable weeds. Timely applications of the proper pre-emergent greatly reduce weed seed proliferation; significantly reduce labor costs, and a dependence on glyphosate.

Glyphosate has traditionally been used to control weeds in areas that require chemical control. This is the active ingredient in the herbicide Round-Up. Recent health concerns over glyphosate and the toxicity of an adjuvant used in Round-Up have prompted a reduction in its use by the city.

Some circumstances require the use of synthetic chemical controls. These situations are often in high-traffic areas such as overpass ramps, underpasses and

busy street medians. There is an inherent safety risk to city staff and motorists in these locations.



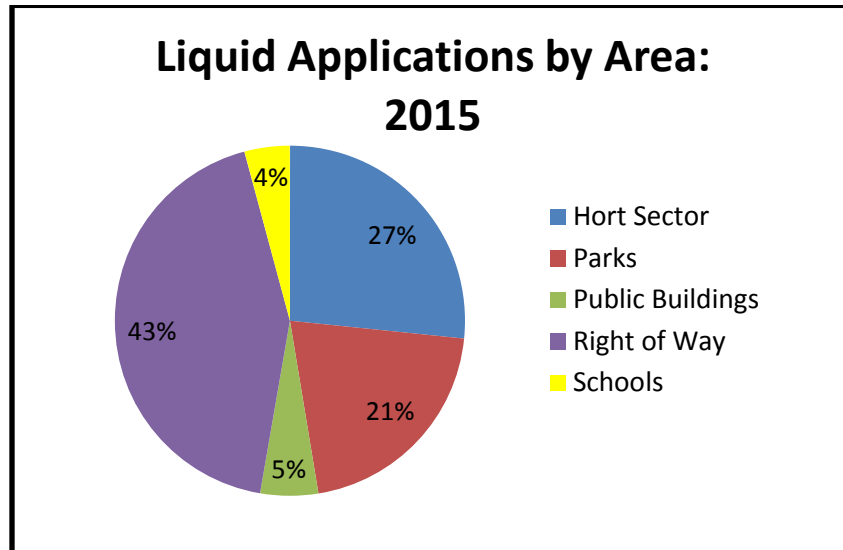
Natural (organic) herbicides are utilized in appropriate situations to control the spread of weeds. They are used on playground areas when needed, and only when children are not present. Unfortunately, these products are limited in their effectiveness. They burn-back top growth but do not kill the roots of the weed. These products require repeated applications throughout the growing season to achieve weed control. This repeated application increases quantities of product usage and their associated costs.

IPM in Parks and Schools

The city's parks vary in size and function. IPM methods applied to these parks are determined on an individual basis. Some parks, such as Lee and Jackson Parks are pass-through parks, and do not particularly serve the purpose of a play area. Other parks, such as Forest Hills or McGuffey Park, are more functional as areas for children and family recreation. These areas require a more sensitive approach to pest control. Increasing cultural and mechanical controls in these parks through proper pruning and mulch applications helps to reduce potential pest issues.

City schools are mulched once a year. This occurs in late summer when the children and most staff are on summer break. Chemical control is reserved to sidewalks, parking lots, and only the most problematic areas. All areas where chemical control occurs are marked with signs/flags following the IPM policy, to ensure immediate notification to pedestrians.

Data



*Note: Meadowcreek Golf Course is not included in this summary. Please see the appendix for specific locations relating to these areas

Looking forward

- Further reductions in landscape pesticide applications throughout the city.
- Initiate a move to organics only on school grounds throughout the city.
- Increase mulching in weed-prone areas
- Track the use and effectiveness, including safety procedures, of the Weed Dragon
- Move away from Round-Up, systemic pesticides, and other products that contain harmful adjuvants or threaten pollinators.
- Provide educational opportunities for the public, such as the pollinator and bog gardens, on the importance of maintaining a balance in the ecosystem.
- A reduction in pest-prone landscape, focusing on the most problematic areas, with a goal of sustainable landscape.
- Increased funding levels will be required to move towards natural (organic) pesticide program.

IPM in Turf



The City of Charlottesville maintains over 200 acres of turf that requires mowing and weed trimming. These areas include the city's parks, schools, right of way areas, athletic fields, cemeteries, and other common areas.

The level of care and control in these areas can vary depending on the usage of the area. A ball field that is rented for sport activities will require a different level of care than that of a street median.

Parks and Schools

In 2015, no pesticides were applied to non-athletic lawns of parks or schools. Broadleaf weeds, such as clover and dandelions, are tolerated in these areas.

Management of these turf areas is largely controlled through cultural means.

This includes:

- Mowing biweekly, depending on the growing conditions.
- Mowing to proper height of 3” to inhibit weed growth and encourage root development.
- Maintaining mower blades to ensure proper cut and reduce leaf tear.
- Leaving grass clippings after mowing to return nitrogen and other nutrients to the soil.
- Mulching leaves to increase organic matter and fertility of turf areas.

Athletic Fields

Athletic fields require a lower threshold for weeds. Broadleaf weeds, like clover and dandelion, present safety issues to players on ball fields. Undesirable weeds in dirt areas around bases can also cause safety concerns or inhibit proper play.

Methods of control in these areas include:

- More frequent mowing at lower grass-height levels.
- Using a sod cutter to remove weeds from dirt areas on athletic fields.
- Dragging dirt areas with grading and infield equipment to maintain consistency.
- Application of lime to maintain proper pH levels in the soil and discourage weed competition.
- Using a spring pre-emergent herbicide to control weeds on seven high-use athletic fields.
- Application of chemical controls (glyphosate) reserved to areas where mechanical control is ineffective, such as chain link fence lines or warning tracks.
- Collecting and analyzing soil samples to maintain soil quality.
- Following the Department of Environmental Quality approved nutrient management plans for all 26 athletic fields.

- Applying slow-release fertilizers containing 50% organics and micro-nutrients to athletic fields.
- Fields operated by other athletic organizations must follow the city IPM policy.

Right of Way

Right of way areas typically have a higher concentration of invasive weeds and involve complex safety considerations, such as sight-distance issues with motorists. Areas such as guardrails are required to be maintained pursuant to Virginia Department of Transportation regulation. One to two applications of glyphosate per year are used under guardrails in high-traffic locations to safely address weed growth in these areas.

Looking Forward

- Significantly decrease the use of the herbicide Round-Up.
- Use natural (organic) herbicides in areas previously controlled with Round-Up.
- Increase use of organic-based fertilizers on athletic fields.

IPM in Urban Forestry

The Urban Forester maintains over 6,900 trees throughout the city contributing to an overall city canopy coverage of 45%. This is one of the city's most extensive and valuable infrastructures. Trees help to reduce soil erosion and air pollution, reduce energy use, conserve water, and create wildlife and plant diversity. Trees reduce storm water runoff and the sedimentation of waterways. They are vital to the health and beauty of the city.

The Tree Commission acts as an advisory board to City Council and Parks staff in support of tree preservation and planting. For nine years in a row, Charlottesville has maintained the distinction of "Tree City USA".

Prevention

City trees are monitored closely, with newer trees receiving the most attention. First and second year trees are watered and monitored as much as once a week during the summer months. These trees are outfitted with Gator Bags, a water-holding reservoir that supplies drip irrigation.

Cultural controls such as mulching, pruning, and watering are effective tools in helping new and older trees resist pest attacks.

Introduced tree insect pests and diseases are easier to eradicate when detection occurs early. The potential for wide-scale ecologic and economic damage is reduced through proper scouting, early detection and pest-resistant species selection.

If pests are detected, their density is recorded and their location is mapped. Control is determined based on the density and threat of the pest. Some pests present a greater threat than others.

Treatment

Pesticides are used only when the health of high-value trees is threatened and alternatives are not available or are ineffective. To limit pesticide exposure to people and non-target organisms, soil or trunk injection is used.

Currently, specimen American elm trees are trunk-injected every three to five years with fungicide to control Dutch elm disease.

A greater risk threatens Ash trees in Central Virginia. The Emerald Ash Borer is present in Albemarle's neighboring counties. This pest is usually fatal without immediate treatment. Therefore, an action plan to combat the Emerald Ash Borer is necessary. Due to the quantity of native ash trees in the city, the plan must address a hierarchy of treatment to preserve the most valued trees.



Emerald Ash Borer



Emerald Ash Borer Monitoring Trap

Looking Forward

- Increase diversity in City tree plantings to prevent widespread canopy loss from insects or diseases.
- Utilize biological and physical controls to combat current Gypsy Moth infestations.
- Practice preventative tree canopy maintenance to improve tree vigor and build resistance to pests.
- Apply funding strategies for preventative tree care and Emerald Ash Borer pest control.

IPM in Natural Areas

The Parks and Recreation Department is responsible for the management of approximately 600 acres of natural lands. There are nearly 6 miles of paved trails, and 30 miles of nature trails that link neighborhoods to active and passive recreation opportunities in beautiful natural environments. Forestry resources on natural lands are estimated to contain over 60,000 trees that benefit our health and provide habitat for wildlife. In addition, the city oversees 1885 acres of natural lands at Ragged Mountain and Sugar Hollow. One of the greatest threats to these natural resources is the aggressive growth of invasive plant species.

Invasive Plant Management



Control of invasive species requires multiple control tactics and management approaches to obtain the best results for weed control. Mechanical cut back is used where appropriate to control seeding of invasive plants or to maintain a containment zone to minimize spread.

Parks and Recreation has employed goats to graze 8 acres of natural parkland at Pen Park. Goats graze on invasive weeds, shrubs, and vines. Goat droppings recycle organic matter back into the soil and goat hooves cultivate the ground improving water infiltration, aeration and sunlight exposure. Areas grazed require several years of monitoring and mowing to eliminate invasive species and prepare the site for native plant restoration.

The removal of exotic plants is the first step in restoring natural areas to better functioning ecosystems. Some of these invasive trees and shrubs are most effectively controlled with a combination of mechanical removal and herbicide treatment of the cut stump. In this manner re-growth is thwarted with minimal use of herbicides. These efforts are used on a limited basis for areas adjacent to trails or areas where mechanical removal is not feasible.

Volunteer Efforts

Volunteers have assisted with the control of invasive plants in our parks and trails. Invasive species such as Autumn Olive, Ailanthus, Multi-flora Rose, Wisteria, Porcelain Berry, and Bittersweet have been manually removed by volunteers. Volunteer hours totaling hundreds of hours maximize efforts and save in labor costs.

Looking Forward

- Continued use of goats for invasive grazing where appropriate.
- Increase volunteer efforts by enlisting volunteer groups to adopt Park areas.
- Develop a schedule and designate staff for trail maintenance activities, focusing on invasive control.
- Use educational activities to involve the public in the protection of natural areas.
- Provide habitat restoration and enhancement for native plant communities and wildlife.

IPM in Golf



Meadowcreek Golf Course is an 18-hole public golf facility operated as an enterprise division of Charlottesville Parks and Recreation. Located in Pen Park, it is 205 acres, including 40 acres of fairways and 160 acres of rough. Growing healthy turf is the best prevention for pest problems. Selecting disease-resistant turf varieties, an adherence to approved Nutrient Management Plans, and efficient irrigation planning helps to keep turf healthy. The golf facility presents unique IPM challenges because it is a revenue-generating course, and quality turf is required for competitive play. The Golf Division is in the development stage of implementing an IPM program to meet their specific needs. Golf pesticide programs are committed to pesticide reductions wherever possible through regular scouting and early intervention, particularly in disease suppression.

Meadowcreek Golf Course strives to achieve eventual chemical use reductions and implements cultural practices to avoid use all together whenever possible. But when chemical applications are necessary, then only the right application is applied at the right time and place. Most of the chemical applications are contracted and outsourced. To aide us in keeping a healthy turf canopy on the fairways and tees, a Bermudagrass nursery was developed to use as a resource whenever erosion or high traffic areas need to be restored.

In an effort to reduce air emissions and the potential for hydraulic and other fluid leaks or spills, Meadowcreek Golf Course continues to lease all of their mowing equipment and fleet of 60 golf cars every four years. This allows the golf course to take advantage of new equipment technologies to include those with electric mowers and low emissions.

Outreach to the public: Golf Course Superintendents Association of America (GCSAA) Case Study- Meadowcreek Golf Course and the environmental improvements that have been made as a result of the Department's EMS were featured and highlighted in the November 2007 edition of the publication.

Looking Forward

- Continue to review pesticide products to use the least toxic product whenever possible.
- Build turf health through effective use of micronutrients, organic soil conditioners and fertilizers.
- Follow best management practices to reduce fungicide use for turf disease suppression.

Appendix

Parks & Recreation Pesticide Application Database: Data Model	System	Location	Facility
	Parks	Azalea Park Bailey Park Belmont Park Fifeville Park Foresthills Park Greenbriar Park Greenleaf Park Jackson Park Jordan Park Lee Park McGuffey Park McIntire Park East McIntire Park West Meade Park Meadowcreek Park Meadowcreek Stream Valley Northeast Park Pen Park Quarry Park Riverview Park Rives Park Schenks Greenway Starhill Park Tonsler Park Washington Park	Athletic Fields Curbs/Sidewalks Landscape Beds Natural Areas Playgrounds Stormwater Structures
	Schools	Buford School Burnley Moran School CHSchool/PAC Clark School Greenbriar School Jackson Via School Johnson School School Admin Venable School Walker School	Athletic Fields Curbs/Sidewalks Landscape Beds Natural Areas Playgrounds Stormwater Structures
	Public Buildings	Circuit Court City Hall City Hall Annex DT Transit Jefferson Center McGuffey Arts Parks Admin Pavillion PW Avon PW City Yard Smith	Curbs/Sidewalks Landscape Beds Natural Areas Stormwater Structures
	Right of Way	250 Bypass 5th Street Avon Street Barracks Road Brown Blvd DT Mall Emmett Street Fontaine Ave Jefferson Park Ave McIntire Road/Ridge Street Meadowcreek Parkway Other City Street Preston Ave UVA Corner	Curbs/Sidewalks Landscape Beds Natural Areas Stormwater Structures
	Cemeteries	Maplewood Cemetery Oakwood Cemetery Pen Park Cemetery	Curbs/Sidewalks Landscape Beds Natural Areas
	Hort Sector	250 Bypass Sector 5th & Belmont Sector Downtown Sector JPA & Main Sector Preston & McIntire Sector	Landscape Beds
	Golf Course	Meadowcreek Course Meadowcreek Clubhouse	Curbs/Sidewalks Fairways Green Surrounds Greens Landscape Beds Natural Areas Roughs Stormwater Structures Tees

Horticulture Pesticide Applications by Product Name 2013-2015: Liquid Products					
Units	Active Ingredient	Product Name	2013	2014	2015
Gallons	2,4,D	Brushmaster	0.10		
	2,4,D Total		0.10		
	Azadirachtin	Azatrol		0.12	
	Azadirachtin Total			0.12	
	Clopyralid	Lontrel		0.00	
	Clopyralid Total			0.00	
	d-Limonene	Nature's Avenger		1.38	0.25
	d-Limonene Total			1.38	0.25
	Fluazifop-P-butyl	Ornamec	0.82	0.25	0.10
	Fluazifop-P-butyl Total		0.82	0.25	0.10
	Glyphosate	Aquamaster	0.21		
		Gly Star Plus	2.89	10.18	
		Honcho	9.84		
		QuickPro (Roundup)		0.47	7.69
		Ranger-Pro	8.96		
		Roundup Pro		0.33	0.04
	Glyphosate Total		21.91	10.98	7.73
	Horticultural Oil	Hort Oil	3.00		
	Horticultural Oil Total		3.00		
	Lithium salt of Bromacil	Brom 7.5	0.93		
	Lithium salt of Bromacil Total		0.93		
	Monosodium acid methanearsonate	Trimec Plus		0.02	
	Monosodium acid methanearsonate Total			0.02	
	Oryzalin	Oryzalin 4	5.18	7.12	11.45
		Prokoz Surflan AS	0.38		
		Surflan AS			4.71
	Oryzalin Total		5.55	7.12	16.16
	Prometon	Primatol 25E	1.80	2.31	2.16
	Prometon Total		1.80	2.31	2.16
	S-Kinoprene	Enstar	0.01		
S-Kinoprene Total		0.01			
Sodium Salt of bentazon	Basagran		0.89		
Sodium Salt of bentazon Total			0.89		
Triclopyr	Pathfinder	0.25	0.69	0.23	
Triclopyr Total		0.25	0.69	0.23	
Gallons Total			34.37	23.75	26.61

Horticulture Pesticide Applications by Product Name 2013-2015: Granular Products					
Units	Active Ingredient	Product Name	2013	2014	2015
Pounds	Glyphosate	Roundup QuikPro		0.26	
	Glyphosate Total			0.26	
	Halosulfuron-methyl	Pro Sedge Selctive Herbicide2			0.08
		Pro-Sedge	0.07	0.06	
	Halosulfuron-methyl Total		0.07	0.06	0.08
	Imidacloprid	Merit	5.00		
		Zenith 0.5G		0.50	
	Imidacloprid Total		5.00	0.50	
	Oryzalin	XL 2G		10.00	
	Oryzalin Total			10.00	
	Trifluralin+Isoxaben	Snapshot	1050.00	550.00	445.00
	Trifluralin+Isoxaben Total		1050.00	550.00	445.00
	Pounds Total			1055.07	560.82

Golf Course Pesticide Applications by Product Name 2013-2015: Liquid Products					
Units	Active Ingredient	Product Name	2013	2014	2015
Gallons	24d/mcpp/dicamba	triplet 3/ way herb.		17.63	
	24d/mcpp/dicamba Total			17.63	
	Azoxystrobin	Heritage TL	7.72	8.64	2.55
	Azoxystrobin Total		7.72	8.64	2.55
	Bifenthrin	Bifenthrin Golf & Nursery	1.16	0.87	1.16
	Bifenthrin Total		1.16	0.87	1.16
	chlorothalonil	Daconil WeatherStik	5.41	24.30	12.79
		Daconil ZN	7.73	7.69	3.84
	chlorothalonil Total		13.15	31.98	16.63
	dithiopyr	DITHIOPYR 40 WSB.	0.51	0.51	0.39
	dithiopyr Total		0.51	0.51	0.39
	Glyphosate	Honcho	0.02		
		QuickPro (Roundup)			0.29
		Roundup Pro		0.16	
	Glyphosate Total		0.02	0.16	0.29
	HERBICIDE	PYLEX		0.00	
	HERBICIDE Total			0.00	
	Iprodione	Chipco 26GT	38.67	7.73	3.87
	Iprodione Total		38.67	7.73	3.87
	Mancozeb	FORE 80 WP	5.06		
	Mancozeb Total		5.06		
	Metalaxyl-M	Subdue Maxx	3.23	3.24	1.30
	Metalaxyl-M Total		3.23	3.24	1.30
	Metconazole	TOURNEY		0.47	0.47
	Metconazole Total			0.47	0.47
	Propamocarb hydrochloride	Banol	9.42	6.88	5.11
	Propamocarb hydrochloride Total		9.42	6.88	5.11
	Propiconazole	Banner Maxx		1.65	
	Propiconazole Total			1.65	
	pyraclostrobin	Insignia SC	0.88	1.77	1.77
pyraclostrobin Total		0.88	1.77	1.77	
pyraclostrobin,bascalid	Honor			2.81	
pyraclostrobin,bascalid Total				2.81	
WETTING AGENT	OARS		7.64	7.64	
	CONDUT 90		20.39		
	oars ps			12.78	
WETTING AGENT Total			28.03	20.42	
Gallons Total			79.83	109.57	56.76

Golf Course Pesticide Applications by Product Name 2013-2015: Granular Products					
Units	Active Ingredient	Product Name	2013	2014	2015
Pounds	boscalid	Emerald	6.00	2.00	5.50
	boscalid Total		6.00	2.00	5.50
	chlorothalonil	Daconil 5% Granular			25.00
	chlorothalonil Total				25.00
	flutolanil	ProStar	48.00	1.00	42.00
	flutolanil Total		48.00	1.00	42.00
	Glyphosate	Roundup QuikPro			4.00
	Glyphosate Total				4.00
	Halosulfuron-methyl	Pro-Sedge	0.22	0.00	
	Halosulfuron-methyl Total		0.22	0.00	
	Prodiamine	Prodiamine 65WDG			36.00
	Prodiamine Total				36.00
	Vinclozolin	Curalan EG	10.00	20.00	9.38
	Vinclozolin Total		10.00	20.00	9.38
	Pounds Total			64.22	23.00

Chemical Toxicity LD 50

“A common way to document chemical toxicity is by LD 50 values. This is the amount of chemical required to provide a “lethal dose” to 50% of the test population. LD 50 is measured in mg of chemical administered per kg of body weight. Therefore, an oral LD 50 of 500 means that 500 mg of chemical was needed to obtain lethality in a 1 kg subject (rabbit). The lower the LD 50 value, the less chemical that is required to reach lethality.”¹

“Herbicides often have higher LD 50 values than many commonly used or consumed products. Why are chemicals that are so effective on plant species not equally harmful to humans? The reason is two- fold. First, herbicides target highly specific biological or biochemical processes within plants, such as photosynthesis and production of branch-chain amino acids. Therefore, herbicides that target photosynthesis or branch-chain amino acid production have no place to bind in our bodies and have very little impact. Secondly, since these herbicides do not bind in our bodies, they are often excreted in urine within 24 hours of the dose. This flushing of herbicide does not allow concentrations to build up to toxic levels within the body.”¹

LD 50 levels are tested not only in oral but also in dermal or inhalation levels. This further rates the toxicity levels through other means of absorption. LD 50 levels classify chemical products in Toxicity Categories corresponding to product label signal words are listed below:

The greater the dose of a specific chemical (the amount absorbed), the greater the risk of injury. Dose is dependent on the absolute amount of the pesticide absorbed relative to the weight of the person. Therefore, small amounts of a pesticide might produce illness in a small child while the same dose of the same chemical in an adult might be relatively harmless.

Toxicity Categories			
Signal Word	Toxicity Category	Oral LD50 (mg/kg)	Probable Adult Lethal Dose
DANGER-POISON	highly toxic	0-50	a few drops to 1 tsp.
WARNING	moderately toxic	50-500	1-2 teaspoons
CAUTION	slightly toxic	500-5000	1 ounce - 1 pint (pound)
CAUTION	almost non-toxic	more than 5000	1 pint (pound)

Toxicity Categories	Oral LD 50	Dermal LD 50	Inhalation LC 50
I DANGER-POISON	0-50 mg/kg	0-200 mg/kg	0-.2 mg/liter
II WARNING	50-500 mg/kg	200-2000 mg/kg	.2-2 mg/liter
III CAUTION	500-5000 mg/kg	2000-20,000 mg/kg	2-20 mg/liter
IV CAUTION	more than 5000 mg/kg	more than 20,000 mg/kg	more than 20 mg/liter

Footnote:

1. Document PI-133, Pesticide Information Office, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, Sept. 2006, revised February 2013

Common Consumer Chemicals

Toxicological Information	LD50/Oral
Nicotine	9 mg/kg
Caffeine	192 mg/kg
Bleach	192 mg/kg
Tylenol	338 mg/kg
Household Ammonia 10%	350 mg/kg
Codeine	427 mg/kg
Table Salt	3000 mg/kg
Aspirin	1,200 mg/kg
Baking Soda	4,200 mg/kg
Honey Bee Venom	2.8 mg/kg
Yellow Jacket Venom	3.5 mg/kg
Gasoline	50 mg/kg

LD 50: Parks and Recreation Department Chemicals

Parks Division	Toxicological Information (Granular)	LD 50/Body Weight			Product Use
Product Name	Active Ingredient	Oral	Dermal	Inhalation	Product Use
Pro Sedge	Halosulfuron-methyl	1,287 mg/kg	>5,000 mg/kg		Selective Herbicide
Merit	Imidacloprid	2,591 mg/kg	>2,000 mg/kg		Preventative Insecticide
Zenith 0.5G	Imidacloprid	>4,820 mg/kg	>2,000 mg/kg		Preventative Insecticide
XL 2G	Oryzalin	>5,000 mg/kg	>2,000 mg/kg		Pre-emergent Herbicide
Snapshot	Trifluralin + Isoxaben	>2,500 mg/kg	>5,000 mg/kg		Pre-emergent Herbicide

Parks Division		Toxicological Information		LD 50/Body Weight		
Product Name	Active Ingredient	Oral	Dermal	Inhalation	Product Use	
Brushmaster	2,4,D	2,154 mg/kg	>2,000 mg/kg	>5.29 mg/L	Non-selective Herbicide	
Azatrol	Azadirachtin	>5000 mg/kg	>2000 mg/kg	>5.4 mg/L	Organic Insecticide	
Lontrel	Clopyralid	>5,000 mg/kg	>5,000 mg/kg	>5.12 mg/L	Selective Herbicide	
Nature's Avenger	d-Limonene	>5,000 mg/kg	>5,000 mg/kg	>1,000 mg/L	Organic Herbicide	
Ornamec	Fluazifop-P-butyl	>4,000 mg/kg	>2000 mg/kg	>5.2 mg/L	Selective Herbicide	
Aquamaster	Glyphosate	>5,000 mg/kg	>5,000 mg/kg	N/A	Non-selective Herbicide	
Gly Star Plus	Glyphosate	>5,000 mg/kg	>5,000 mg/kg	>2.5 mg/L	Non-selective Herbicide	
Honcho	Glyphosate	>5,000 mg/kg	>5,000 mg/kg	N/A	Non-selective Herbicide	
RoundUp Quickpro	Glyphosate	4,443 mg/kg	5,000 mg/kg	2.9 mg/L	Non-selective Herbicide	
Ranger	Glyphosate	5,108 mg/kg	>5,000 mg/kg	2.9 mg/L	Non-selective Herbicide	
RoundUp Pro	Glyphosate	5,108 mg/kg	>5,000 mg/kg	N/A	Non-selective Herbicide	
Hort Oil	Horticultural Oil	>15,000 mg/kg	>5,000 mg/kg	N/A	Preventative Insecticide	
Brom 7.5	Lithium Salt of Bromacil	4,700 mg/kg	10,626 mg/kg	N/A	Non-selective Herbicide	
Trimec Plus	Monosodium acid methanearsonate	6,700 mg/kg	>2,400 mg/kg	3.3 mg/L	Broadleaf Herbicide	
Oryzalin 4	Oryzalin	>5,000 mg/kg	>2,000 mg/kg	>3 mg/L	Pre-emergent Herbicide	
Prokoz Surflan AS	Oryzalin	>5,000 mg/kg	N/A	>3 mg/L	Pre-emergent Herbicide	
Surflan AS	Oryzalin	>5,000 mg/kg	N/A	>3 mg/L	Pre-emergent Herbicide	
Primatol 25E	Prometon	2,100 mg/kg	2000-2500 mg/kg	2.5 mg/L	Non-selective Herbicide	
Enstar	S-Kinoprene	3,129 mg/kg	>5,000 mg/kg	>2.05 mg/L	Insect Growth Regulator	
Basagran	Sodium Salt of bentazon	1,000-2,000 mg/kg	>4,000 mg/kg	>4.8 mg/L	Selective Herbicide	
Pathfinder	Triclopyr	4,183-4,464 mg/kg	>2,000 mg/kg	>4.7 mg/L	Non-selective Herbicide	

Meadowcreek Golf		Toxicological Information		LD 50/Body Weight		
Product Name	Active Ingredient	Oral	Dermal	Inhalation	Product Use	
Triplet	24d/mcpp/dicamba	>500 mg/kg	>2,000 mg/kg	>3.57 mg/L	Selective Herbicide	
Heritage TL	Azoxystrobin	1,714 mg/kg	>5,000 mg/kg	>6.4 mg/L	Fungicide	
Bifenthrin Golf & Nursery	Bifenthrin	>500 mg/kg	>2,000 mg/kg	>10 mg/L	Insecticide	
Daconil Weatherstik	Chlorothalonil	9,000 mg/kg	>2,000 mg/kg	>.704 mg/L	Fungicide	
Daconil ZN	Chlorothalonil	3,750 mg/kg	>2,000 mg/kg	.25 mg/L	Fungicide	
Dithiopyr 40 WSB	Dithiopyr	>5,000 mg/kg	>5,000 mg/kg	>5 mg/L	Crabgrass Herbicide	
Honcho	Glyphosate	>5,000 mg/kg	>5,000 mg/kg	N/A	Non-selective Herbicide	
RoundUp Quickpro	Glyphosate	4,443 mg/kg	5,000 mg/kg	N/A	Non-selective Herbicide	
RoundUp Pro	Glyphosate	5,108 mg/kg	>5,000 mg/kg	N/A	Non-selective Herbicide	
Pylex		>2,000 mg/kg	>4,000 mg/kg	>5.8 mg/L	Selective Herbicide	
Chipco 26GT	Iprodione	>5,000 mg/kg	>2,000 mg/kg	2.03 mg/L	Fungicide	
Fore 80 WP	Mancozeb	>5,000 mg/kg	>5,000 mg/kg	>5.14 mg/L	Fungicide	
Subdue Maxx	Metalaxyl-M	2,965 mg/kg	>5,050 mg/kg	>2.8 mg/L	Fungicide	
Tourney	Metconazole	>5,000 mg/kg	>2,000 mg/kg	>5.6 mg/L	Fungicide	
Banol	Propamocarb Hydrochloride	2,000-2,900 g/kg	>3,000 mg/kg	>7.9 mg/L	Fungicide	
Banner Maxx	Propiconazole	4,340 mg/kg	>2,020 mg/kg	>2.6 mg/L	Fungicide	
Insignia SC	Pyraclostrobin	>50->500 mg/kg	>5,000 mg/kg	5.06 mg/L	Fungicide	
Honor	Pyraclostrobin, bascalid	>500-<2,000 g/kg	>2,000 mg/kg	>5.2 mg/L	Fungicide	
Oars	Wetting Agent	N/A	N/A	N/A		
Condut 90	Wetting Agent	N/A	N/A	N/A		
Oars ps	Wetting Agent	N/A	N/A	N/A		

Anticipated Future Actions

Future Goals of the IPM Program Include:

- Further reductions in landscape pesticide applications throughout the city.
- Initiate a move to organics only on school grounds.
- Increase mulching in weed-prone areas.
- Track the use and effectiveness of pilot programs such as the Weed Dragon.
- Move away from Round-Up, systemic pesticides, and other products that may contain harmful adjuvants or threaten pollinators.
- Provide educational opportunities for the public, such as the pollinator and bog gardens, on the importance of maintaining a balance in the ecosystem.
- A reduction in pest-prone landscape, focusing on the most problematic areas.
- Increase funding levels to help initiate a move towards a natural (organic) pesticide program.
- Increase diversity in city tree plantings to prevent widespread canopy loss from insects or diseases.
- Utilize biological and mechanical controls to combat current Gypsy Moth infestations.
- Practice preventative tree canopy maintenance to improve tree vigor and build resistance to pests.
- Apply funding strategies for preventative tree care and Emerald Ash Borer pest control.
- Continued use of goats for invasive grazing where appropriate.
- Increase volunteer efforts by enlisting volunteer groups to adopt park areas.

- Develop a schedule and designate staff for trail maintenance activities, focusing on invasive control.
- Use educational activities to involve the public in the protection of natural areas.
- Provide habitat restoration and enhancement for native plant communities and wildlife.
- Continue to review pesticide products to use the least toxic product whenever possible.
- Build turf health through effective use of micronutrients, organic soil conditioners and fertilizers.
- Follow best management practices for turf areas to reduce fungicide use for disease suppression.

Concluding Statement

The responsibility of the Department of Parks and Recreation for the City of Charlottesville is to be proactive in the preservation of resources for current and future generations.

The city's Integrated Pest Management program is constantly evolving. The implementation of the program is both anticipatory and reactive. Certain aspects of a season's growing conditions can be monitored and controlled while other aspects are dependent upon weather and other unforeseen circumstances.

It is the city's intention to remain as proactive as possible, rather than reactive to pest issues. This approach includes constant scouting and assessment of pests in currently maintained areas, the sustainable design of new areas, and the analysis of current products and procedures being utilized in the landscape industry. The ability to analyze and apply this information will help to navigate future decisions and actions.

Remaining conversant with this information and educating the public of this knowledge will help to gain trust and confidence. Public trust and confidence in employee decisions, actions and procedures is paramount to the future of the IPM program.