

**PARKS AND RECREATION ADVISORY BOARD
AGENDA
March 21, 2018**

ADMINISTRATIVE ITEMS

- ADMIN-1 Advisory Board Member Introductions
ADMIN-2 Adoption of Minutes – February 21, 2018 Advisory Board Meeting

PRESENTATION ITEMS

- P-1 Integrated Pest Management Annual Report

ACTION ITEMS

- A-1 Naming of Diamond Field at Pen Park for the Geer Family.

INFORMATION ITEMS

- I-1 Meadow Creek Valley Master Plan Implementation
I-2 Tonsler Park Master Plan Implementation Update
I-3 McIntire Park Projects Update
I-4 Skate Park Construction Update
I-5 Citywide Parks and Recreation Master Plan Survey

MATTERS BY THE CHAIR

BOARD MATTERS

DIRECTOR'S MATTERS

ADJOURNMENT



City of Charlottesville
Parks and Recreation Advisory Board – Agenda Item
March 21, 2018

ADMINISTRATIVE – 1

Advisory Board Member Introductions

ADMINISTRATIVE – 2

Adoption of Minutes – February 21, 2018 Parks and Recreation Advisory Board Meeting

ACTION REQUIRED:

Advisory Board adoption of the minutes of the February 21, 2018 meeting.

ENCLOSED DOCUMENTS:

Minutes of February 21, 2018 meeting.

MINUTES

February 21, 2018

The Parks and Recreation Advisory Board held a regular meeting on Wednesday, February 21, 2018 at 5:30 p.m. @ Carver Recreation Center. Members present were: Ruth Barnett, Anne Hemenway, Marlene Jones, Jennifer McKeever and Jennifer Slack. Members absent: Llezelle Dugger, David Hirschman and John Santoski
Staff: Brian Daly, Doug Ehman, Vic Garber, Chris Carr
Guest: Bridget Moss

Adoption of Minutes

- Anne Hemenway made a motion to adopt January 17, 2018 minutes, second by Marlene Jones, motion was unanimously approved

Advisory Board Member Introduction

- Advisory Board members introduced themselves

Advisory Board Meeting Venue

- Brian Daly stated that last month's meeting was held @ the Parks & Recreation's downtown office conference room, and had heard that some board members liked meeting @ the location & offered for discussion the possibility of moving the meetings to the downtown office. He stated that it would be convenient for staff, free parking was available @ Market Street garage & would free up the room for center activities.
- A motion was made by Anne Hemenway, second by Jennifer McKeever to move the meetings to the Parks & Recreation's downtown office conference room. Motion was unanimous to move meetings to the Parks & Recreation downtown office conference room.

Parks & Recreation Sports & League Programs

- Vic Garber introduced Chris Carr, Athletic Manager.
- Chris Carr provided the following report on athletic programs:
 - **Current programs**
 - Spring/summer softball – men's/co-rec teams, 77 teams registered in 2017, 74 in fall,
 - Sportsmanship initiative – finding a way to hold participants accountable for bad behavior, @ coach's meeting teams will sign sportsmanship initiative, told what is permissible on the fields.
 - Asked if any board members know of anyone that might be interested in umpiring to let him know
 - **Youth Basketball**
 - 2017 - 308 kids, 34 teams
 - 2018 - 394 kids, 40 teams
 - Achievements/Initiatives:
 - Partnered w/Upward for 5th-6th girls
 - Super Saturday – schedule teams according to how they finished the season, will be held March 10 @ CHS,
 - 42% of coaches completed the National Alliance for Youth Sports (NAYS) certification.

- Saturday, March 10 – end of season
- **Summer Youth Sports**
 - Flag Football – April 23rd registration
 - Lacrosse Camp – June, July, one week programs, 7-12 years,
 - Basketball Camp
 - Volleyball Camp
 - Tee Ball Play and Spray @ Forest Hills Park, play t-ball, cool off in spray park
 - Tennis Quick Start – summer classes

Meadowcreek Valley Master Plan Implementation

- Doug Ehman stated that they are working through technical issues, Norfolk Southern embankment, section under design @ Brandywine by Kneedler bridge

Tonsler Park Master Plan Implementation Update

- Doug Ehman stated that work continues on splash pad, application & surfacing will be done last week of April, opening May 12. Renovated basketball courts, walking trail, added stairs by tennis courts
- Vic Garber stated that they are working on a proposal for the Field House, and that Riaan Anthony, Facilities Manager was working on RFP, should be finalized in next two weeks, community engagement in 2-3 months

McIntire Park Projects Update

- Doug Ehman reported that March 5th will be starting date of the Skatepark project construction @ McIntire Park. Staff has removed everything salvageable from location, will be meeting with warehouse staff to determine what to do with remaining equipment. Brian Daly reported that they have collected \$4,100 from existing ramps from the existing Skatepark
- In process of finalizing bid package for trail which will begin where bridge ends on Skatepark side, April-May timeframe. Will have trail contractor come in same time as Skatepark construction.
- Botanical Garden – the group is reviewing proposals, narrowed down to smaller group, by next meeting may be in negotiations
- Anne Hemenway asked if skateboarding was going to be @ next Olympics
- Doug Ehman reported that there are budget constraints, no lighting presently but fundraising is in process , a contribution has been made by BAMA

Citywide Parks & Recreation Master Plan Survey

- Doug Ehman reported that they closed survey last week, received 524 responses, 100 more than hoped for, had very good geographic distribution, in good shape with data, will have draft in next couple of weeks. Findings will be presented to the Advisory Board
- Brian Daly stated that the results will be very informative for future programming

Matters by the Chair

- Ruth Barnett asked board members who would be attending budget meeting on March 7 to get some idea of who would be going. Anne Hemenway, Ruth Barnett and David Hirschman would be attending

Board Matters

- Anne Hemenway asked about City Council renaming two parks and asked if Parks & Recreation would be involved in new naming of parks, Brian Daly replied that he was not sure what they agreed to except that there would be an opportunity for renaming of the parks. There will be an online survey, placement in rank order, survey will be placed in facilities, utility bills, couple levels of review before action
- Anne Hemenway asked if new initiatives can't happen before the Needs Assessment was completed. Can something like soccer fields happen independently? Brian Daly replied funding has been included in our Capital Improvement Program
- Jennifer Slack stated there was an importance of challenging young people with physical activity – testing on strength & endurance has been lower than in the past, asked if there were plans for Parks & Recreation in this area? Stated that she was excited to hear about the new Music playground, reported that 8 years olds are barely meeting average level of physical activity
- Doug Ehman reported that when selecting playground equipment, constantly looking for challenging equipment, in process for climbing ropes for Pen Park. It is a challenge to stay on top of new equipment available, reported that the Parks Division had lost a Playground Technician, and is having some difficulty filling the position which is slowing down the process.
- Marlene Jones asked if department employs referees that are 16 years old? Chris Carr replied that right now the minimum age is 18.

Directors Matters

- Brian Daly asked board members if they would be interested in a spring facility tour, possibly in May. Board members replied that they were interested
- Stated that naming decisions will be on agenda in March, additional new lands, have received a request from Central Little League - Pen Park

Motion to Adjourn

- Jennifer Slack made a motion to adjourn meeting, Jennifer McKeever second, motion was unanimously approved.
- Meeting adjourned @ 6:40 pm

Respectfully submitted,

Linda Daly
Secretary to the Advisory Board

City of Charlottesville
Parks and Recreation Advisory Board – Agenda Item
March 21, 2018

PRESENTATION - 1

Integrated Pest Management Annual Report

On April 20, 2015, City Council adopted the City's first Integrated Pest Management (IPM) Policy. This policy guides the staff's IPM program and prescribed the generation of an annual report that is presented to the Parks and Recreation Advisory Board each March. The 2018 Annual Report is complete and will be presented to the Board by staff. The Report is enclosed as Attachment 1.

ACTION – 1

Naming of Diamond Field at Pen Park for the Geer Family

The Central Little League has requested to name the upper diamond field at Pen Park in honor of the Geer Family. A letter requesting this action was submitted to staff in February of this year. Advisory Board consideration and action is requested, consistent with the Policy on Naming of Parks and Park Facilities. The request from Central Little League and a copy of the current naming Policy are enclosed at Attachment 2.

INFORMATION – 1

Meadow Creek Valley Master Plan Implementation

Staff will provide an update of the ongoing efforts to implement the Master Plan for the Meadow Creek Valley. A map of the sections of the trail and bridge improvements is included as an attachment to the Board Package.

INFORMATION – 2

Tonsler Park Master Plan Implementation

Staff will provide an update of the ongoing efforts to implement the Master Plan for Tonsler Park, including the spray ground (nearing completion) and the RFP for design services for the Field House.

City of Charlottesville
Parks and Recreation Advisory Board – Agenda Item
March 19, 2018

INFORMATION - 3

McIntire Park Projects Update

Staff will provide an update of the ongoing efforts to implement the Master Plan for McIntire Park; including specifics regarding the Pedestrian Bridge over the Norfolk Southern Railroad, trails and the McIntire Botanical Garden.

INFORMATION - 4

Skate Park Update

Staff will provide an update of the construction project for the skate park in McIntire Park, currently under construction.

INFORMATION - 5

Citywide Parks and Recreation Master Plan Survey

Staff has engaged with the Center for Survey Research at the University of Virginia to conduct a community wide survey regarding parks and recreation needs and desires that will be the foundational information leading toward a Citywide Parks and Recreation Master Plan. The data collection process for the survey is completed, with over 520 completed surveys, providing a solid statistically valid survey. A formal presentation of the findings will be made at the April Parks and Recreation Advisory Board meeting.



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.

Integrated Pest Management Program

Charlottesville Parks and Recreation Department

IPM Coordinator

John Mann, Landscape Manager/Horticulturalist

IPM Program Manager

Patrick Hagan, Gardener II

IPM Committee

Brian Daly, Director, Parks and Recreation

Doug Ehman, Parks Manager

Kristel Riddervold, Environmental Sustainability Manager

Dave Hirschman, Parks and Recreation Advisory Board Representative

Rosanne Simon, Charlottesville Tree Commission Representative

Report Prepared by Patrick Hagan and John Mann

Graphics: Brian Ray

Introduction

Integrated Pest Management (IPM) is an internationally recognized methodology that establishes an effective and environmentally sensitive response to pests (insects, weeds, pathogens, rodent and other vertebrates). IPM establishes a sustainable approach to managing pests by combining biological, cultural, physical, and if necessary, chemical tools in a way that minimize health, environmental and economic risks.

An effective IPM program requires constant analysis, planning and revision. Looking critically at the level of service and methods used to maintain this level of service are vital to the success of the program. Assessing these methods and practices maintains a level of responsibility and transparency to the public and promotes innovation in the IPM program. The Parks and Recreation Department strives to be proactive rather than reactive in the implementation of IPM methods.

The intention of this report is to disclose the present activities of the City of Charlottesville's Integrated Pest Management (IPM) program as adopted by City Council in 2015. It will provide insight into the decision-making process as it pertains to the implementation of the IPM program and analyze the past goals as well as highlight the future goals of the program.

Establishing environmentally sustainable practices in IPM methods requires analyzing the landscape as an individual ecosystem. Proper amendments and the introduction of beneficial microbes into the soil of these landscape systems will promote healthier plants. Healthier plants sustain a higher resistance to pests and diseases. Maintaining the integrity and correct balance of the soil is crucial to the long term health of the ecosystem.

This strategy includes increasing mulch and compost applications, appropriate pre-emergent applications in weed-prone right of way areas, and continued exploration of safer and more effective products and methods in the implementation of the IPM program.

Looking back on 2017

- A study was conducted to test the impact of using only organic herbicides on all City elementary school grounds
- Reductions occurred in glyphosate applications, most notably in Parks and Schools
- New organic products were introduced and their effectiveness tracked

- Bio-Stimulants in the form of humic acid were introduced by means of liquid application to landscaped beds
- No pre-emergent applications occurred in elementary schools throughout the City
- Problematic landscape areas continued to be reduced
- New signage notifying organic pesticide application were introduced
- Organic herbicides were used in elementary schools and some parks as funding allowed
- Funding strategies allowed for the procurement of a mulch blower

Overview of 2017

The past year marked the third consecutive year of reduction in glyphosate usage Citywide. This reduction was noted in both parks and schools and was facilitated by the use of organic chemical applications in these areas.

Emphasis was placed on transitioning from the use of glyphosate and other synthetic herbicides to an organic program on elementary school grounds and parks frequented by children. As a result, no synthetic pre-emergent applications occurred on school grounds in 2017.

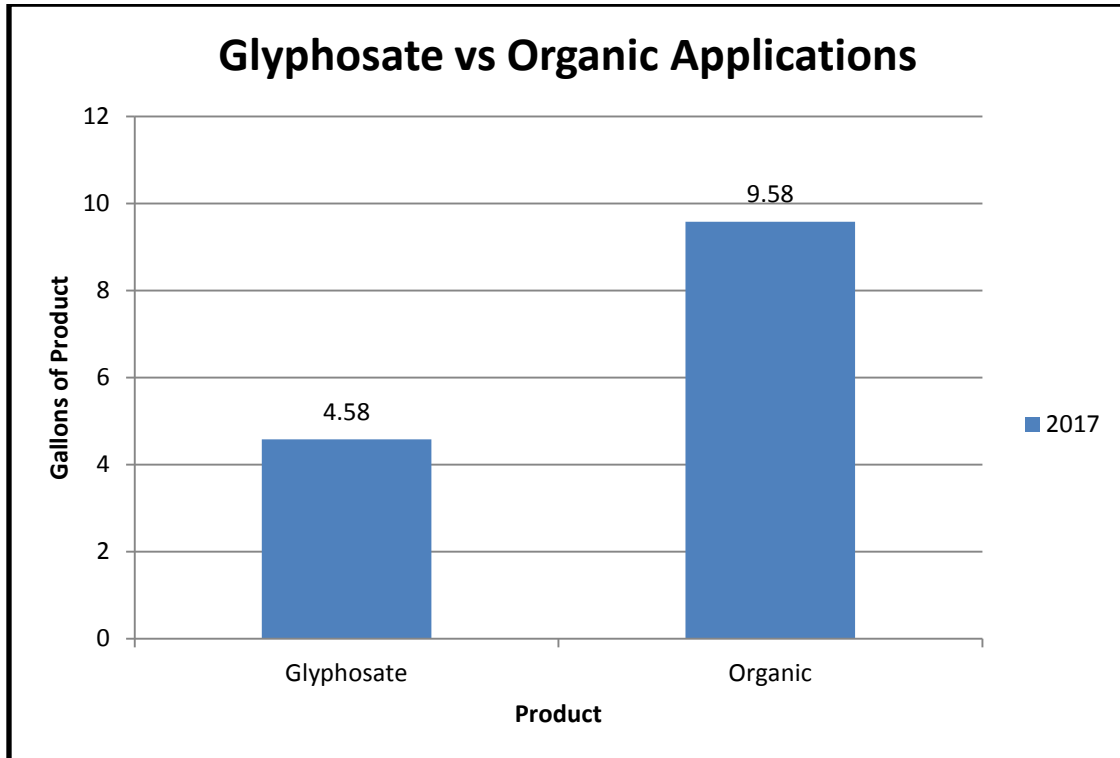
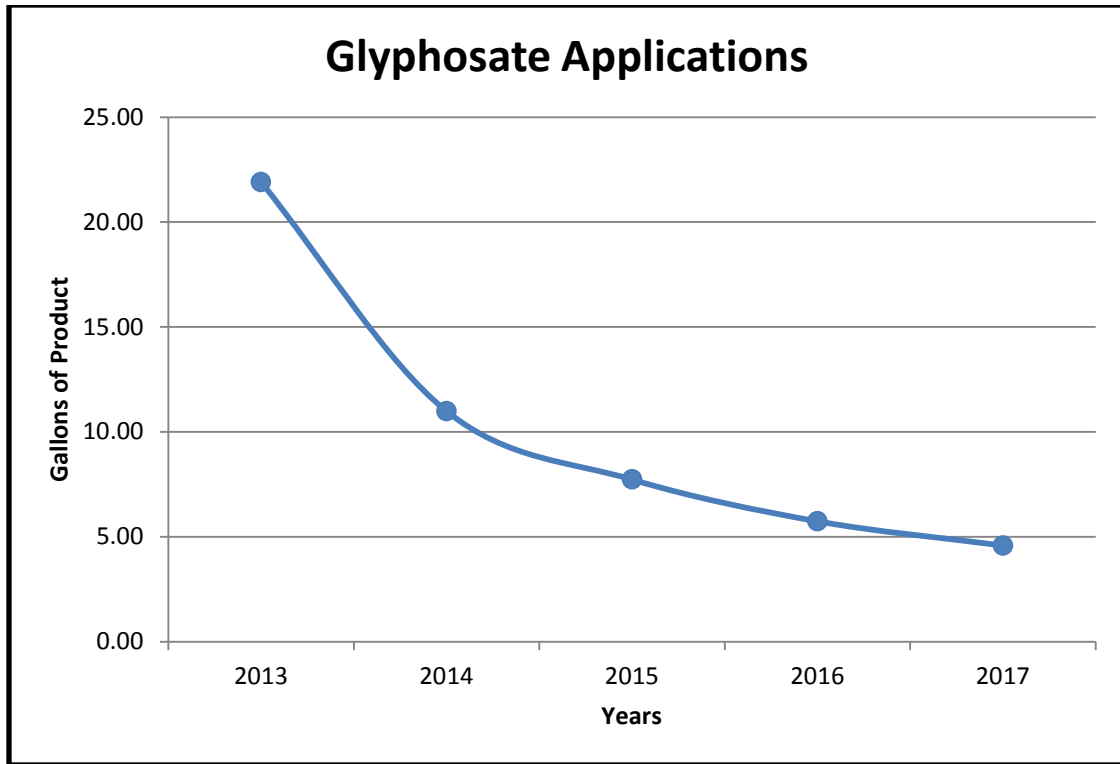
While 2016 saw the initial transition to organic herbicides in elementary schools and parks frequented by children, it was the intention of the IPM program to eliminate synthetic applications on all elementary school grounds and replace those applications with organic products in 2017.

This transition was intensely monitored and presented various challenges. While early season organic applications quelled newly-sprouted weed growth, these applications did not impede the root development of these weeds and as the season progressed, these weeds became increasingly difficult to manage. In landscaped bedding areas, the weeds were mechanically controlled by hand pulling or weed trimming. However, hardscapes such as parking lots, curbs, gravel tracks and asphalt courts proved the most difficult to control with organic products. The integrity of these hardscape areas has deteriorated over the years and required frequent, repeated treatment of organic applications with little to no success during the height of the growing season.

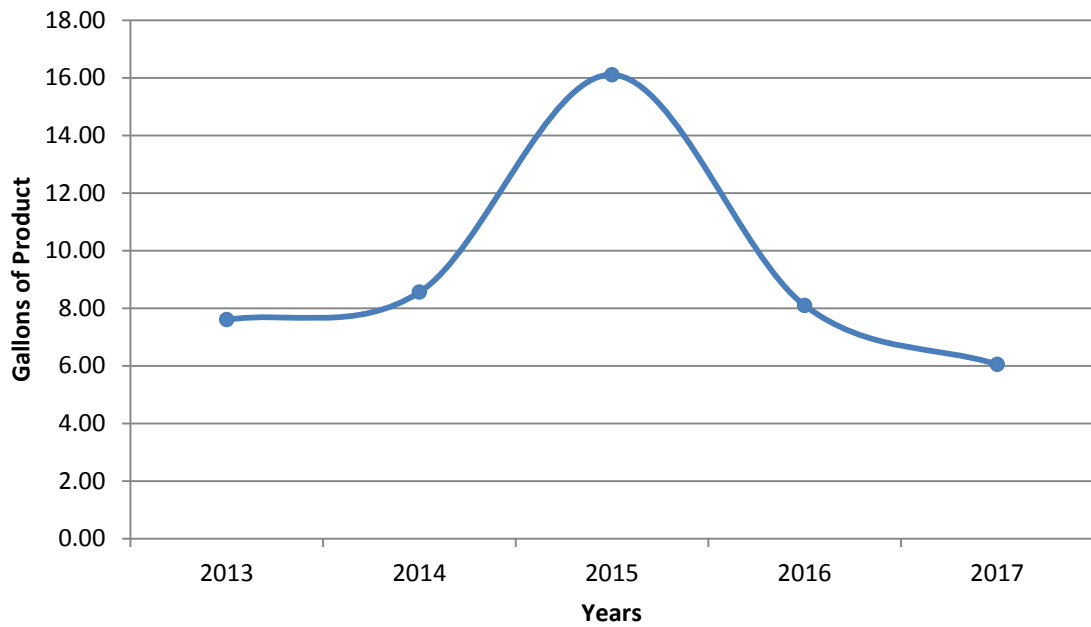
Bio-stimulants in the form of humic acid were applied to landscaped beds throughout the City. These bio-stimulants introduce beneficial microbes into the soil, helping to maintain balance and integrity, while promoting long term health within the ecosystem. These environmentally sustainable practices aim to shift the culture of consideration from immediate and reactive solutions to a proactive, long term rumination of the ecosystem as a self-sustaining environ.

Parks & Recreation Pesticide Application Database: Data Model

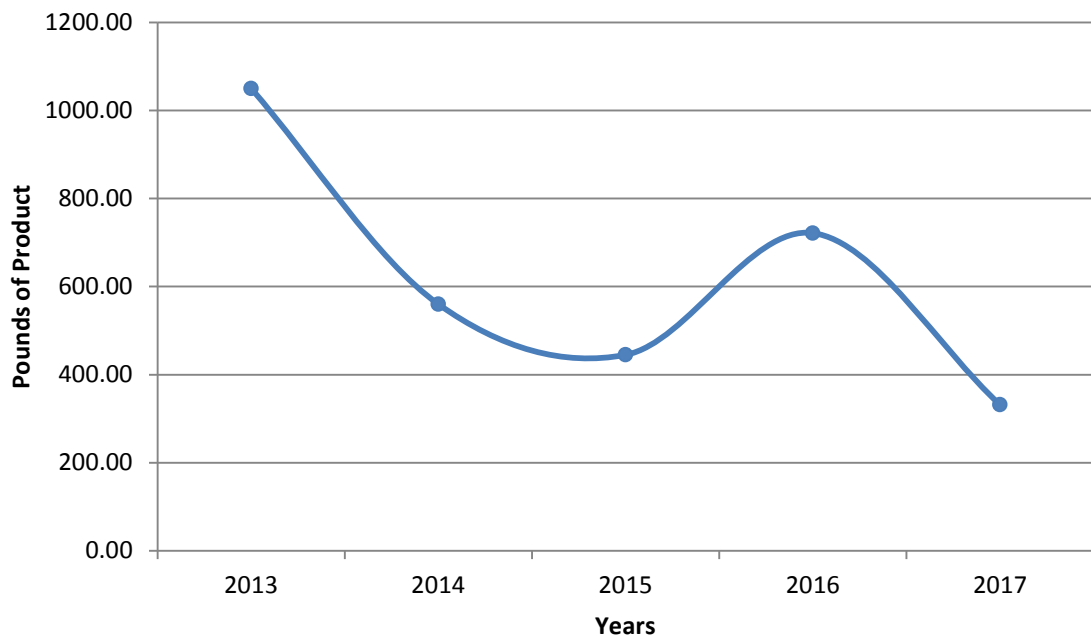
System	Location	Facility
Parks	Azalea Park Bailey Park Belmont Park Fifeville Park Foresthills Park Greenbriar Park Greenleaf Park Jackson Park Jordan Park Lee Park McGuffey Park McIntire Park East McIntire Park West Meade Park Meadowcreek Park Meadowcreek Stream Valley Northeast Park Pen Park Quarry 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 Daughters of Zion	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



Pre-Emergent Applications - Liquid



Pre-Emergent Applications - Granular



Horticulture Pesticide Applications by Product Name 2013-2017: Liquid Products							
Units	Active Ingredient	Product Name	2013	2014	2015	2016	2017
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		0.05	0.01
	Clopyralid Total			0.00		0.05	0.01
	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	0.37	0.05
	Fluazifop-P-butyl Total		0.82	0.25	0.10	0.37	0.05
	Glyphosate	Aquamaster	0.21				
		Gly Star Plus	2.89	10.18		3.80	1.91
		Honcho	9.84				
		QuickPro (Roundup)		0.47	7.69	1.72	
		Ranger-Pro	8.96				2.40
		Roundup Pro		0.33	0.04		
		Round Up Custom				0.21	0.27
	Glyphosate Total		21.91	10.98	7.73	5.74	4.57
	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	8.09	
		Prokoz Surflan AS	0.38				
		Surflan AS			4.71		6.05
	Oryzalin Total		5.55	7.12	16.16	8.09	6.05
	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	0.48	1.20	3.02
	Triclopyr Total		0.25	0.69	0.48	1.20	3.02
	Pelargonic Acid	Scythe				0.27	0.27
	Pelargonic Acid Total					0.27	0.27
	Tetramethrin	Wasp Spray				0.44	
	Tetramethrin Total					0.44	
	Citric Acid	Burnout					5.25
	Citric Acid Total						5.25
	Acetic Acid	Aceta Force					4.06
	Acetic Acid Total						4.06
Gallons Total			34.37	23.75	26.86	16.16	23.30

* Highlighted green chemicals indicate organic products

Horticulture Pesticide Applications by Product Name 2013-2017: Granular Products							
Units	Active Ingredient	Product Name	2013	2014	2015	2016	2017
Pounds	Glyphosate	Roundup QuikPro		0.26			
	Glyphosate Total			0.26			
	Halosulfuron-methyl	Pro Sedge Selctive Herbicide2			0.08	0.04	0.04
		Pro-Sedge	0.07	0.06			
	Halosulfuron-methyl Total		0.07	0.06	0.08	0.04	0.04
	Imidacloprid	Merit	5.00				
		Zenith 0.5G		0.50			
	Imidacloprid Total		5.00	0.50			
	Oryzalin	XL 2G		10.00		31.50	
	Oryzalin Total			10.00		31.50	
	Trifluralin+Isxaben	Snapshot	1050.00	550.00	445.00	690.00	331.50
	Trifluralin+Isxaben Total		1050.00	550.00	445.00	690.00	331.50
Pounds Total			1055.07	560.82	445.08	721.54	331.54

Golf Course Pesticide Applications by Product Name 2013-2017: Liquid Products							
Units	Active Ingredient	Product Name	2013	2014	2015	2016	2017
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	6.39	11.52
	Azoxystrobin Total		7.72	8.64	2.55	6.39	11.52
	Bifenthrin	Bifenthrin Golf & Nursery	1.16	0.87	1.16	1.16	
		BIFEN G/N 7.9F Select					0.29
	Bifenthrin Total		1.16	0.87	1.16	1.16	0.29
	chlorothalonil	Daconil WeatherStik	5.41	24.30	12.85	15.66	21.20
		Daconil ZN	7.73	7.69	3.84	11.51	11.48
	chlorothalonil Total		13.15	31.98	16.69	27.16	32.67
	dithiopyr	DITHIOPYR 40 WSB.	0.51	0.51	0.39	0.47	
	dithiopyr Total		0.51	0.51	0.39	0.47	
	Fluazifop-P-butyl	Ornamec					0.05
	Fluazifop-P-butyl Total						0.05
	Glyphosate	Gly Star Plus				0.00	
		Honcho	0.02				
		QuickPro (Roundup)			0.29		
		Roundup Pro		0.16			
	Glyphosate Total		0.02	0.16	0.29	0.00	
	Iprodione	Chipco 26GT	38.67	7.73	3.87	7.71	7.69
	Iprodione Total		38.67	7.73	3.87	7.71	7.69
	Mancozeb	FORE 80 WP	5.06				
	Mancozeb Total		5.06				
	Metalaxyl-M	Subdue Maxx	3.23	3.24	1.30	1.30	2.59
	Metalaxyl-M Total		3.23	3.24	1.30	1.30	2.59
	Metconazole	TOURNEY		0.47	0.47	0.94	0.94
	Metconazole Total			0.47	0.47	0.94	0.94
	Monosodium acid methanearsonate	912 Herbicide					0.52
	Monosodium acid methanearsonate Total						0.52
	Propamocarb hydrochloride	Banol	9.42	6.88	5.11	7.65	7.64
	Propamocarb hydrochloride Total		9.42	6.88	5.11	7.65	7.64
	Propiconazole	Banner Maxx		1.65		1.29	
	Propiconazole Total			1.65		1.29	
	pyraclostrobin	Insignia SC	0.88	1.77	1.77	1.86	2.46
	pyraclostrobin Total		0.88	1.77	1.77	1.86	2.46
	pyraclostrobin,bascalid	Honor			2.81	17.81	2.81
	pyraclostrobin,bascalid Total				2.81	17.81	2.81
	WETTING AGENT	OARS		7.64	7.64	7.64	
		CONDUT 90		20.39			
		oars ps			12.78	12.78	6.39
	WETTING AGENT Total			28.03	20.42	20.42	6.39
	Trinexapac-ethyl	Primo Maxx				9.03	
	Trinexapac-ethyl Total					9.03	
	fluxapyroxad	Xzempler				0.60	0.33
	fluxapyroxad Total					0.60	0.33
	Sulfentrazone	Nassau 4SC				3.00	
	Sulfentrazone Total					3.00	
	dichloro , 2,4D	On deck				27.56	
	dichloro , 2,4D Total					27.56	
	dithiopyr:dimethyl	Dimension 2EW					0.70
	dithiopyr:dimethyl Total						0.70
	polyoxyalklene polymers ,potassum s:OARS						7.64
	polyoxyalklene polymers ,potassum salt of alkyl su Total						7.64
	Chorantraniliprote	Aceleprym					0.23
	Chorantraniliprote Total						0.23
Gallons Total			79.83	109.57	56.82	134.35	84.48

Golf Course Pesticide Applications by Product Name 2013-2017: Granular Products							
Units	Active Ingredient	Product Name	2013	2014	2015	2016	2017
Pounds	boscalid	Emerald	6.00	2.00	5.50	3.88	1.88
	boscalid Total		6.00	2.00	5.50	3.88	1.88
	chlorothalonil	Daconil 5% Granular			25.00		
		Daconil 2787			50.00		
	chlorothalonil Total				75.00		
	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 Selective Herbicide2				0.25	0.00
		Pro-Sedge	0.22	0.00			0.08
	Halosulfuron-methyl Total		0.22	0.00		0.25	0.08
	HERBICIDE	PYLEX		2.75			11.00
	HERBICIDE Total			2.75			11.00
	LIME	ANDERSON LIME DG SGN 100			2100.00		
	LIME Total				2100.00		
	Oryzalin	XL 2G				4.00	
	Oryzalin Total					4.00	
	Prodiamine	Prodiamine 65WDG			36.00	75.00	
	Prodiamine Total				36.00	75.00	
	Trifluralin+Isoxaben	Snapshot				10.00	3.00
	Trifluralin+Isoxaben Total					10.00	3.00
	Vinclozolin	Curalan EG	10.00	20.00	9.38	42.21	22.00
	Vinclozolin Total		10.00	20.00	9.38	42.21	22.00
	Fungicide X	Fungicide X				105.72	
	Fungicide X Total					105.72	
	Chloroneb	Fungicide IX				210.00	
	Chloroneb Total					210.00	
	Chlorophenoxy	Fungicide VII				117.00	
	Chlorophenoxy Total					117.00	
Pounds Total			64.22	25.75	2271.88	568.06	37.96

*Outsourced contractor applications are not depicted in the above charts.

Interpretation of Data

Organics

As the organic pilot program was realized in City elementary schools, the year saw a rise in the use of organic pesticides. The rise in the use of these products was anticipated and deliberate. Organic products were used extensively throughout the elementary schools in the City as well as in other sensitive areas frequented by young children. These products were a substitute for historic glyphosate applications.

The transition to an organic program in the elementary schools produced results that were less desirable, required more maintenance and were more expensive. However, the Parks Department has an inherent responsibility and commitment to the citizens of Charlottesville to provide an environmentally sensitive approach to managing landscapes. The organic products, when timed correctly, can be used as another step in the IPM process, preceding the use of synthetic mitigation.

Managing expectations, educating and involving the community and its employees on proper natural landscape management procedures are critical to successfully integrating the use of organics into the overall management program.

Pre-Emergents

Pre-emergent applications were reduced this past year due to the decision to reduce all synthetic applications on elementary school grounds. Although the goal of reduction was achieved, the level of service at these facilities reflected these reductions. As a result, landscape beds in areas that had been historically controlled with pre-emergent applications required intense mechanical controls such as hand pulling, the use of hoes and other hand tools to suppress the increased amount of undesired weed growth.

Properly timed applications of pre-emergent products are an indispensable tool to the IPM program. These applications are a proactive way to offset the anticipated use of curative methods such as glyphosate and organic methods.

Invasive Plants and Triclopyr

Invasive plants such as Autumn Olive, Ailanthus, Kudzu, and Porcelain Berry are a threat to natural areas. The management of these plants is largely performed by mechanical cut back and individual treatment of the cut stalk with Triclopyr (Pathfinder). Due to coordinated volunteer efforts and a more aggressive approach to these plants in 2017, Triclopyr applications increased substantially. These applications occurred most notably at Ragged Mountain in response to the threat of Autumn Olive.

Glyphosate

Glyphosate application decreased for the third consecutive year throughout the City. The use of organic products in elementary schools over the past year helped to offset glyphosate usage. It is the intention of the IPM program to keep the application of glyphosate to a minimum in areas such as schools and parks frequented by children.

Glyphosate, however, is currently a necessary tool for the IPM program, particularly in right of way situations and on hardscapes. When other means of eradication are not practical, glyphosate is used to maintain acceptable threshold levels.

Pre-Emergent, Organics, and Timing of Applications

Pre-emergent products are a type of selective, low toxicity herbicide that impedes the germination of weed seeds by utilizing enzyme inhibitors with no effect to established plantings. These products, when applied before the air temperature reaches 60 degrees or more for four days consecutively, are extremely effective at reducing the amount of weed seed germination in a particular area. To optimize the effectiveness, a second application is recommended 6-8 weeks following the first application.

The effectiveness of organic products is also dependent on the timing of the application. While organic products typically burn back undesirable vegetation without penetrating and killing the root system, some successful mitigation of these early spring weeds has been noted when the organic products are applied early enough in the life cycle of the targeted weed. These products are most effective when the targeted weeds have just germinated and the foliage is most susceptible to product application.

IPM in Golf

The Meadowcreek Golf Course is an 18-hole public golf facility operated as an enterprise division of Charlottesville Parks and Recreation. It is a revenue-generating course that requires healthy turf in order to provide for competitive play. The fairways, tee boxes and greens have a lower tolerance for weed and fungal infestations. Routine scouting and early intervention in disease suppression aid in turf health. Many cultural controls are utilized such as fertilizer applications and efficient irrigation planning to maintain healthy turf. Much of the chemical applications on the golf course are contracted and outsourced.

IPM in Trails

The Parks Department is responsible for the management of nearly 600 acres of public lands. These lands include over 30 miles of nature trails linking neighborhoods to a variety of recreational opportunities. Over six miles of trails are paved for hiking, biking and other outdoor activities.

The control of invasive and exotic species such as Autumn Olive, Ailanthus, Porcelain Berry and Bittersweet, is the most common maintenance issue associated with IPM in these areas. These invasive species are mechanically cut back and the cut stumps or stems are individually treated with herbicide. This method limits the application of chemical control and confines it to only the surface area of the cut invasive plant as opposed to swath-spraying an area.

Ragged Mountain is one example where these invasive species are prevalent, especially along the western border of the property. These areas were intensely monitored and treated on numerous occasions in 2017.

Volunteer efforts with Charlottesville Area Tree Stewards and at Ragged Mountain continue to aid in the mechanical control of invasive species in these areas.

IPM in Urban Forestry

Trees are the City's most extensive and valuable green infrastructure component. A recent assessment of the City's urban tree canopy (using 2014 aerial imagery) established an average urban tree canopy cover of 45%. As part of the Urban Forest Management Program, the Urban Forester closely monitors public trees for pests and diseases.

Cultural controls such as mulching, pruning and proper irrigation are effective tools in the prevention of pest attacks. Currently all first and second year public trees are watered and monitored as often as once a week during the summer months.

Treatment measures are taken to protect the health of high-value trees throughout the City. Specimen American elm trees are trunk-injected every three years with fungicide to control Dutch elm disease. These treatments are contracted to certified professional arborists.

The threat of Emerald Ash Borer is present in Albemarle County. This pest is fatal without immediate treatment. The Parks Department has allocated treatment in the form of trunk injections to preserve the most valued ash trees throughout the City. These treatments are outsourced to private contractors.

Looking ahead in 2018

- Continue active pre-emergent applications where necessary
- Track hardscape chemical applications at schools and coordinate with Public Works to improve or replace the most degraded and weed-prone hardscapes
- Increase mechanical controls and mulch applications utilizing mulch blower
- Continue bio-stimulant applications
- Manage glyphosate applications to maintain or reduce current output levels
- Retain and monitor outsourced pesticide application records of hired contractors

The target goals of the IPM program have always been highly focused on a reduction in the application of synthetic chemical controls. The IPM process dictates that the use of chemical intervention is always used as a last resort.

It is the intention of the Parks Department to maintain the current levels of synthetic chemical controls, while remaining attentive to the requirements of sensitive areas such as parks and schools. These areas will be first to receive organic applications as product funding and labor availability allow. Increasing mechanical controls such as weed trimming, hand removal of weeds and increased mulching applications will remain a priority in these areas.

The recent acquisition of a mulch blower will allow for increased mulching frequencies and aid in the reduction of weed pressure in landscaped areas.

The year ahead will see an increase in the application of pre-emergent controls as a proactive attempt to maintain and possibly further reduce glyphosate numbers.

The application of bio-stimulants in the form of humic acid will continue in an attempt to realize the long-term goal of a more self-sustaining environment.

Concluding Statement

The Parks Department for the City of Charlottesville has implemented a series of aggressive actions over the last few years, achieving an IPM program that reflects an adherence to public safety and environmental welfare. The goal of the program is to preserve and sustain the current levels of service while also cultivating a capacity for long-term environmental

sustainability. The Parks Department strives to remain proactive and innovative in the implementation of IPM methods and practices.

For more information and prior IPM reports, please see:

<http://www.charlottesville.org/departments-and-services/departments-h-z/parks-recreation-/parks-trails/landscape-management/pest-management>



Central Little League

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RE: Petition to Name Upper Baseball Field at Pen Park

Dear Mr. Daly,

The Central Little League Board of Directors is pleased to present this request to name the Upper baseball field at Pen Park in honor of the Geer Family, as their contributions to our league and the City have helped sustain Central Little League for nearly 4 decades. The most recently adopted policy of Charlottesville is to name parks for an individual in memoriam when that individual has made a significant contribution to the park system of the City of Charlottesville and we, as a Board, believe that the Geer family meets that criterion.

For the past 25 years Steve Geer has volunteered his time in various capacities with Central Little League, including serving on the Board of Directors, serving as Equipment Director and Umpire Coordinator, and most importantly, serving as a highly respected, long standing coach of one of our Majors teams (9-12 year old team). His duties have included a wide range of activities, from mowing the grass, to umpiring countless games, as well as the continued mentoring of the young men and women that have played for him. Steve got his start in Central Little League as a player, and soon after began giving back his time to coach at Central Little League. Steve's father, JB, who originally coached Steve, volunteered for the league as well for many years, contributing in the very same manner as his son would later do.

The Geer family has contributed countless hours and touched the lives of so many in our community over the past half-century. It's for this reason the Board of Directors at

Central Little League believe the Upper Field at Pen Park, where Steve and his family have donated so much of their time and love, should be dedicated in their honor. We humbly request that the Charlottesville Parks and Recreation consider this request at your next meeting on February 21, 2018, as we'd love to announce this dedication at our Opening Day Ceremonies in early April, 2018, if approved. In furtherance of this request, one of our board members will be at the meeting should you have any questions. We appreciate your consideration of this request.

Respectfully,

The Board of Directors of Central Little League

Policy - Naming of Parks and Park Facilities

As a general policy, parks shall be named in accordance with geographical, historical or ecological features indigenous to the park site or to the immediate vicinity of the site. Parks may be named for an individual under the following conditions:

1. Where the individual has made a significant gift of land for park purposes to the City, or
2. In memoriam for an individual who has made a significant contribution to the park system of the City of Charlottesville.
3. For an individual who has made a significant contributions to the quality of life in the community.

Recreational facilities or resource management areas within a park may be named for an individual, living or deceased, who:

1. Has made a significant contribution to the protection of natural, cultural, or horticultural resources of the City's park system; OR
2. Has substantially contributed to the advancement of commensurate types of recreational facilities and opportunities within the City's park system; OR
3. Has made a significant contribution to the betterment of a specific park, consistent with the established criteria and standards for the designated park classification as identified in the Comprehensive Plan.

In support of this policy, nominations for naming parks, recreational facilities or resource management areas shall be evaluated on the basis of the above criteria and upon appropriate documentation.

Final action on naming of parks and facilities shall be made in open session by the Parks and Recreation Advisory Board; unless City Council or the City Manager supplies written notice that they would like the final say on the naming of a park or recreational facility.

Adopted by the Parks and Recreation Advisory Board – May, 2010

Re-Adopted by the Parks and Recreation Advisory Board – April, 2017

Meadow Creek Valley Implementation Phases

