



MONTGOMERY PARKS

The Maryland-National Capital Park and Planning Commission
2425 Reedie Drive | Wheaton, MD 20902
MontgomeryParks.org

July 15, 2022

Mr. Gabe
Albornoz Council
President
Montgomery County Council
Council Office Building
100 Maryland Avenue, 6th Floor
Rockville, MD 20850

Re: Montgomery Parks Pesticide Use Report, January 1 – June 30, 2022

Dear Council President Albornoz,

I am submitting to you the Montgomery Parks Pesticide Use Report for January 1 – June 30, 2022, as required by Montgomery County Code Section 33B-14: Pesticide Use in County Parks.

During this reporting period, parks staff have recorded over 13,000 labor hours using alternatives to pesticides to remove pests and are testing products compatible with Montgomery County's Pesticide Law in many areas, including athletic fields.

In June, ten additional parks were added to the list of pesticide free parks bringing the total of pesticide-free parks to 55. The pesticide-free parks are in different regions of the county to ensure all residents have access to them.

Montgomery Parks remains committed to evaluating and using alternative tools, products, and methods to manage pests and protect our natural resources while meeting the needs of the community, and we appreciate the council's ongoing support of these efforts.

Please feel free to contact me with any questions.

Sincerely,

Michael F. Riley
Director, Montgomery Parks

Pesticide Use Report

January 1, 2022 –June 30, 2022

Overview

In 2015, The Montgomery County Council adopted County Code Sec. 33B - Pesticide Use. Montgomery Parks began implementing sections of the regulation on July 1, 2016. As required under the regulation, the Parks Department must submit semi-annual reports to the County Executive and County Council on or before January 15 and July 15 of each year.

Montgomery Parks Pesticide Use Report - January 1 - June 30, 2022

This report is available to the public in a manner consistent with the Montgomery County Open Data Act and contains the following information:

1. Registered pesticide usage details, other than listed pesticide usage, in county parks during the preceding period, including:

- common name of each registered pesticide used
- location of each application
- date and time of each application
- reason for each use of a registered pesticide

2. Status of the pesticide-free park program implemented under the regulation

Montgomery Parks provides up-to-date information about the Department's Pest Management Program to the public through multiple channels including a dedicated webpage, social media, press releases, and customer service department.

The webpage (montgomeryparks.org/about/parks/pesticides) includes information about the Pesticide Reduction and Integrated Pest Management (IPM) program, frequently-asked-questions and answers, semi-annual pesticide use reports, a map of pesticide-free parks, and weekly-updated schedule of planned pesticide applications including the location, date, time, product and reason for the application.

Montgomery Parks Integrated Pest Management

The Department follows Integrated Pest Management (IPM) principles to steward resources and protect them from pests (weeds, insects, animals, and diseases) that may harm people or plants, impair function and deteriorate infrastructure.

IPM principles combine multiple strategies and techniques to manage pests such as mechanical removal of pests, cultural methods to improve soil and plant health, conserving and introducing beneficial biological controls, and using organic as well as conventional pesticides.

Montgomery Parks manages more than 37,100 acres of parkland including 420 parks, 274 playgrounds, 362 athletic fields, 299 tennis courts, 226 basketball courts, and many other amenities.

Montgomery Parks is committed to balancing the demand for recreation while protecting and conserving our valuable natural and cultural resources to meet the needs of current and future generations. As such,

- The Parks Department does not use pesticides for cosmetic purposes.
- Pesticides are only used when necessary to protect these amenities and park users.
- Staff who apply pesticides and fertilizers are certified and registered with the Maryland Department of Agriculture.

Alternative Maintenance Practices

Parks' Enterprise Asset Management System (EAM) tracks labor hours of staff managing weeds and other pests without the use of pesticides.

These alternative methods include biological control (using beneficial organisms to control a pest), cutting and/or digging weeds with equipment, additional field dragging, hot foam or hot water to kill weeds and other pests, playground surface grooming beyond the maintenance standards, hand tool weeding, propane flaming, string-trimming, and weed suppression with mulch or landscape fabric.

Total labor hours of alternative methods to control pests for the period of January 1 to June 30, 2022 was 13,059 hours at a labor cost of \$493,577

Alternative Method	Alternative Type	Hours	Labor Cost
String Trim	STRING TRIM	8,719	\$314,924
Hand Tool Weeding	HAND TOOL	1,785	\$76,865
Hot Foam/Hot Water	FOAMSTREAM	1,169	\$45,487
Cut/Dig Weeds with Equipment	CUT/DIG WEEDS	560	\$21,345
Drag Athletic Field, Additional	DRAG FIELD	366	\$14,255
Propane Flaming	PROPANE FLAME	40	\$1,787
Playground Surface Grooming	SURFACE GROOMING	368	\$16,458
Weed Suppression (mulch, landscape fabric)	WEED SUPPRESSION	34	\$1,598
Biological Control	BIOCONTROL	18	\$858
	TOTALS:	13,059	\$493,577

Using hand tools to remove unwanted vegetation from wood fiber surfacing in playgrounds, landscape beds, athletic fields, and other amenities was the second most used alternative practice during this reporting period. Staff used hand tools instead of pesticides for a total of 1,785 labor hours at a cost of \$76,865.

Pesticide-Free Parks

Montgomery Parks manages 55 pesticide-free parks. Pests in pesticide-free parks, are managed using alternative methods, such as hot foam, string trimming, mechanical weed removal, and products approved for use by Montgomery County Code 33B.

In 2016, Montgomery Parks began managing ten pesticide-free parks as part of a pilot program in compliance with the adoption of Montgomery County Code Chapter 33B. In September 2019, an additional 35 parks were added to the program, bringing the total number of parks managed without pesticides to 45. In June 2022, ten additional parks were added to the list which brings the total of pesticide free parks to 55. The pesticide-free parks are in different regions of the county to ensure all residents have access to them. A list and map of the pesticide-free parks are included in the appendix and on Montgomery Park's website www.montgomeryparks.org/pesticides.

The parks added to the program in June are: Bauer Drive Local Park, Caroline Freeland Urban Park, Edith Throckmorton Neighborhood Park, English Court Neighborhood Conservation Area, Evans Parkway Neighborhood Park, Flower Avenue Urban Park, Glenmont Greenway Urban Park, Maiden Lane Urban Park, Saddlebrook Local Park and Woods Local Park.

The pesticide-free parks are diverse and include local, urban, and neighborhood parks as well as neighborhood conservation areas. Amenities in these parks are equally

diverse and include 20 basketball courts, 26 tennis courts, 13 athletic field diamonds, 13 athletic field rectangles, 12 picnic shelters and 39 playgrounds. Instead of synthetic pesticides to manage weeds, products approved for use by Montgomery County Code 33B are utilized, along with alternative methods such as hand weeding, string trimming, frequent dragging of infields and warning tracks, hand tool removal, propane flaming, and hot foam treatments. The purpose of the pesticide-free park program is to observe parks managed without synthetic pesticides over time and determine the successes, challenges, and failures under this type of management. Pesticide-free parks are routinely inspected by staff to assess the status of the amenities. A few parks have been removed from the program because pest problems could not be addressed by only using pesticide-free methods.

Pesticide-Free Playgrounds

Montgomery Parks maintains all 274 playgrounds without the use of pesticides.

To maintain our department's 274 playgrounds without the use of pesticides, playground maintenance crews report using hand-tool weeding methods, hot foam equipment and wood fiber mulch replacement most often to manage weeds that infiltrate the wood fiber surfacing.

During this reporting period, hot foam was used to control weeds in the wood fiber playground surfacing the most often with a total of 526 labor hours resulting in \$19,750 labor costs. Hand tools were used for 321 labor hours or 26 percent of the time at a labor cost of \$13,671. Surface grooming was used as a weed control method for 368 hours or 30 percent of the time for a labor cost of \$16,458.

Integrated Pest Management on Athletic Fields

Staff in all management areas continue to invest in versatile athletic field maintenance equipment to remove weeds without pesticides on skinned areas such as warning tracks and infields. The equipment uses attachments such as rakes, weed bar to cut weeds and athletic field groomer/renovator.

During this reporting period, staff used numerous alternative practices to manage weeds on athletic fields. These include using hand tools and equipment to remove weeds instead of synthetic pesticide applications.

Staff are continuing to replace high maintenance blue stone bench areas in ballfields with poured concrete. Maintaining the blue dust areas are labor-intensive, requiring string trimming and mechanical weed removal to keep the area weed free. The poured concrete significantly reduces maintenance and weeds.

Overseeding is used to thicken turf areas of the athletic fields to prevent and hinder weed development. Seed prices have increased 85 percent this year. Both synthetic

and organic pesticides have been applied to target weeds on athletic fields. The material cost of applying organic pesticides is 25 times more than synthetic pesticides.

Athletic Field Pilot

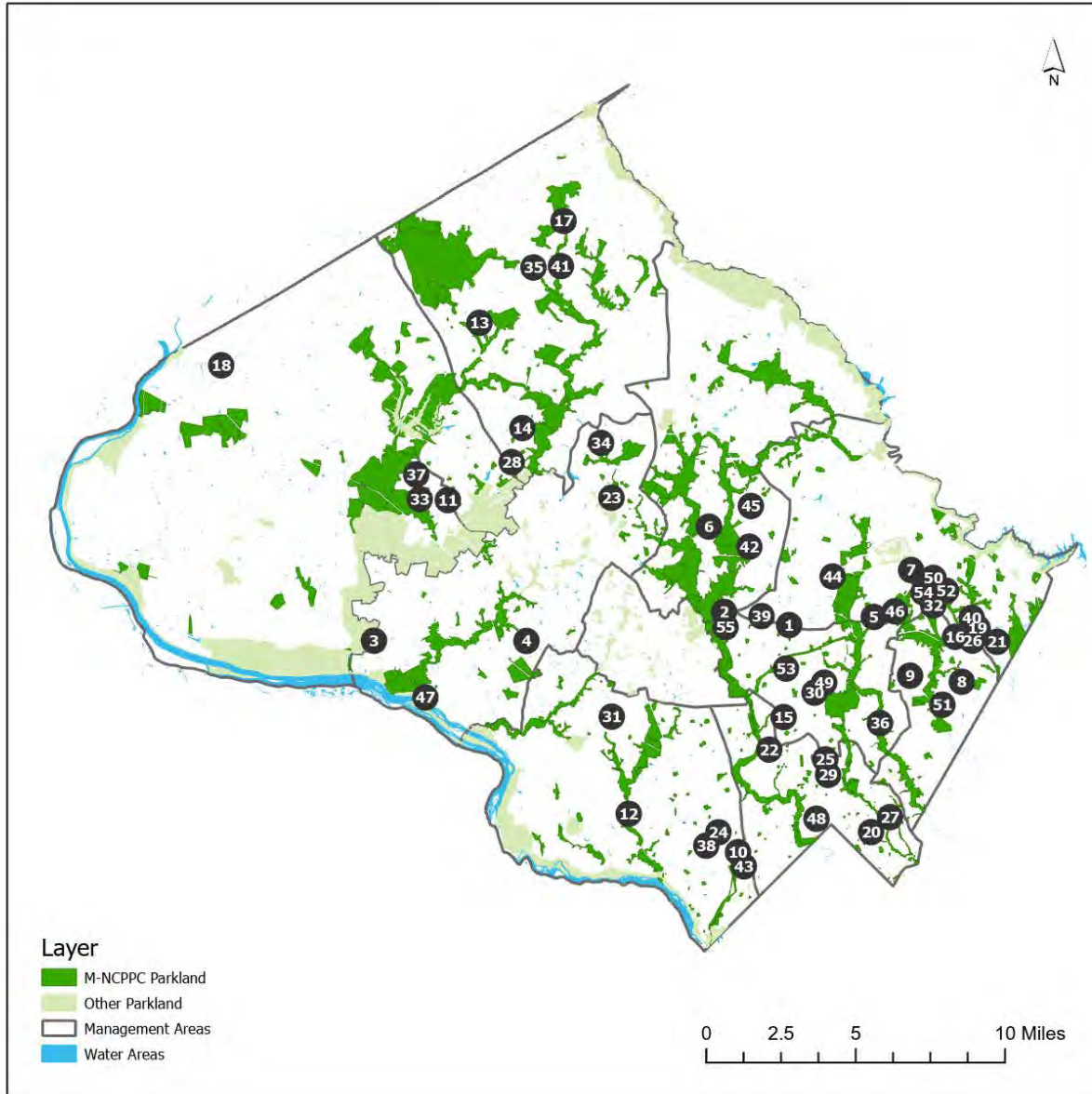
In October 2019, Montgomery Parks began a three-year athletic field pilot program to study the impacts and the best practices for maintaining athletic fields using organic turf management techniques. Two bermuda grass fields at Laytonia Recreational Park were selected for the pilot. One field is being managed using integrated pest management strategies and the other using organic management strategies. The pilot is being implemented by a contractor. A team of turfgrass experts from the University of Maryland is overseeing program implementation and performing independent assessments of the two fields for consistency and field quality.

The organic pilot program has now completed a third year of evaluation. In 2020, fields were unexpectedly closed for five months during the pandemic, and once open, usage continued to be below normal. In 2021, athletic permits slowly returned to expected levels with 2022 resuming pre-pandemic recreation permits. Unfortunately, use on the fields during the pilot period has not been truly reflective of traditional hours of play due to the pandemic.

The University of Maryland continues to perform field analysis of the two bermuda grass fields at Laytonia Recreational Park and is comparing data collected to their test plots at the Paint Branch Turf Research Facility. The fields at Laytonia, managed by either integrated pest management or organic strategies are showing minor variations in overall turfgrass quality, surface firmness and shear strength. Surface firmness measures how much impact the surface can take from a falling hemispherical object and has a direct impact on player safety. Shear strength measures the amount of side pressure the turfgrass can take before it shears at the root crowns.

The results of the fields and test plots show marginal differences when comparing the two management programs. However, the onset of broadleaf weeds has been observed in the organically maintained field, which may create competition to growth of desirable turfgrass. As expected with newly established fields, their durability during the initial years is strong, especially with a high-input maintenance program, but are beginning to show turf decline due to the volume of foot traffic.

Appendix: Map and List of Pesticide-Free Parks



Aquarius Local Park	1 College View Neighborhood Park	15 General Getty Neighborhood Park	29 Norwood Local Park	43
Bauer Drive Local Park	2 Countryside Neighborhood Park	16 Glenmont Greenway Urban Park	30 Norwood Village NCA	44
Berryville Road NCA	3 Damascus Neighborhood Park	17 Highland Stone Neighborhood Park	31 Olney Acres Neighborhood Park	45
Big Pines Local Park	4 Dickerson Local Park	18 Hopefield Neighborhood Park	32 Peach Orchard NCA	46
Bonifant NCA	5 Duvall Road NCA	19 Hoyles Mill Village Local Park	33 Pennyfield Lock NCA	47
Bowie Mill Local Park	6 East Silver Spring Urban Park	20 Hunters Woods NCA	34 Rosemary Hills-Lyttonsville Local Park	48
Browns Corner NCA	7 Edgewood Neighborhood Park	21 John Haines Neighborhood Park	35 Saddlebrook Local Park	49
Calverton NCA	8 Edith Throckmorton Neighborhood Park	22 Kemp Mill Estates Local Park	36 Spencerville Local Park	50
Cannon Road Local Park	9 Emory Grove Hills NCA	23 King's Crossing Local Park	37 Stonehedge Local Park	51
Caroline Freeland Urban Park	10 English Court NCA	24 Maiden Lane Urban Park	38 Twinponds NCA	52
Cedar Creek Local Park	11 Evans Parkway Neighborhood Park	25 Manor Park NCA	39 Valleywood Neighborhood Park	53
Cindy Lane Neighborhood Park	12 Fairdale Road NCA	26 Miles Road NCA	40 Wembrough Neighborhood Park	54
Clarksburg Village North Local Park	13 Flower Avenue Urban Park	27 Moyer Road Local Park	41 Wood Local Park	55
Clearspring Local Park	14 Fox Chapel Neighborhood Park	28 Norbeck Meadows Neighborhood Park	42	

List of Pesticide-Free Parks:

Aquarius Local Park
Bauer Drive Local Park
Berryville Road NCA
Big Pines Local Park
Bonifant NCA
Bowie Mill Local Park
Browns Corner NCA
Calverton NCA
Cannon Road Local Park
Caroline Freeland Urban Park
Cedar Creek Local Park
Cindy Land Neighborhood Park
Clarksburg Village North Local Park
Clearspring Local Park
College View Neighborhood Park
Countryside Neighborhood Park
Damascus Neighborhood Park
Dickerson Local Park
Duvall Road NCA
East Silver Spring Urban Park
Edgewood Neighborhood Park
Edith Throckmorton Neighborhood Park
Emory Grove Hills NCA
English Court NCA
Evans Parkway Neighborhood Park
Fairdale Road NCA
Flower Avenue Urban Park
Fox Chapel Neighborhood Park
General Getty Neighborhood Park
Glenmont Greenway Urban Park
Highland Stone Neighborhood Park
Hopefield Neighborhood Park
Hoyles Mill Village Local Park
Hunters Woods NCA
John Haines Neighborhood Park
Kemp Mill Estates Local Park
King's Crossing Local Park
Maiden Lane Urban Park
Manor Park NCA
Miles Road NCA
Moyer Road Local Park
Norbeck Meadows Neighborhood Park
Norwood Local Park
Norwood Village NCA

Olney Acres Neighborhood Park
Peach Orchard NCA
Pennyfield Lock NCA
Rosemary Hills-Lyttonsville Local Park
Saddlebrook Local Park
Spencerville Local Park
Stonehedge Local Park
Twinponds NCA
Valleywood Neighborhood Park
Wembrough Neighborhood Park
Wood Local Park

Products Applied by Montgomery Parks Staff from January 1, 2022 - June 30, 2022

Date	Location	Area Treated	Product	Problem	Reason for treatment	Start time
10-Jan	Brookside Gardens	Conservatory (North)	PureSpray Green	insect pests	protect plantings	1:30pm
8-Feb	Reddy Branch Stream Valley Unit #3	Hill adjacent to athletic field	Pathfinder II	invasive species	restore habitat/protect ecosystem	10:40am
22-Feb	Brookside Gardens	Conservatory (North)	PureSpray Green	insect pests	protect plantings	4:30pm
24-Feb	Germantown Town Center Urban Park	landscape beds	Snapshot	noxious weeds	protect plantings	7:30am
25-Feb	Germantown Town Center Urban Park	landscape beds	Snapshot	weeds	protect plantings	9:00am
8-Mar	South Germantown Recreational Park	Field 23	Oxadiazon 2G	turfgrass	support plant/turf health	8:00am
8-Mar	South Germantown Recreational Park	Field 24	Oxadiazon 2G	turfgrass	support plant/turf health	8:00am
11-Mar	Brookside Gardens	Rose garden	Treflan 5G	broadleaf weeds	protect plantings	12:15pm
15-Mar	Hillandale Local Park	Pin oaks	Shortstop	Pin oaks injured by construction	protect plantings	10:00am
15-Mar	Bowie Mill Local Park	Athletic Field 2	Safer Play 10-0-2	crabgrass	player safety	7:25am
15-Mar	Cherrywood Local Park	Athletic Field 1	Safer Play 10-0-2	crabgrass	player safety	1:30pm
15-Mar	Laytonsville Park	Baseball field 1	Safer Play 10-0-2	crabgrass	player safety	9:00am
15-Mar	Laytonsville Park	Soccer field 2	Safer Play 10-0-2	crabgrass	player safety	9:15am
15-Mar	Mount Zion Local Park	Baseball field	Safer Play 10-0-2	crabgrass	player safety	11:30am
15-Mar	Sundown Road Local Park	Baseball field 1	Safer Play 10-0-2	crabgrass	player safety	10:15am
15-Mar	Sundown Road Local Park	Baseball field 2	Safer Play 10-0-2	crabgrass	player safety	10:30am
16-Mar	Leaman Local Park	Soccer field 1	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	12:15pm
16-Mar	Leaman Local Park	Soccer field 2	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	12:30pm
16-Mar	Brookside Gardens	Rose garden	Chlorothalonil 720	fungus	protect plantings	8:15am
16-Mar	Brookside Gardens	40th Grove	Rodeo	weeds	protect plantings	1:00pm
16-Mar	Brookside Gardens	Berry border	Rodeo	weeds	protect plantings	2:00pm
16-Mar	Bowie Mill Local Park	Athletic Field 1	Safer Play 10-0-2	crabgrass	player safety	7:10am
16-Mar	Flower Valley Neighborhood Park	Athletic Field 1	Safer Play 10-0-2	crabgrass	player safety	11:00am
16-Mar	Laytonia Recreational Park	Baseball field 1	Safer Play 10-0-2	crabgrass	player safety	9:00am
16-Mar	Brookside Gardens	Turf areas	Stonewall 13-0-0	turfgrass	support plant/turf health	8:00am
18-Mar	Clarkmont Local Park	Field 1	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	7:42am
18-Mar	Fountain Hills Local Park	Baseball field outfield	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	9:20am
18-Mar	Fountain Hills Local Park	Soccer field	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	9:30am
18-Mar	Gunners Branch Local Park	Cricket Field	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	11:30am
18-Mar	Gunner Lake Local Park	Soccer field 1	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	10:00am
18-Mar	Gunners Lake Local Park	Soccer field 2	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	10:10am
18-Mar	Owens Local Park	Baseball field 1	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	10:35am
18-Mar	South Gunners Branch Local Park	Soccer field 1	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	12:15pm
18-Mar	Waring Station Local Park	Soccer field 1	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	10:50am
18-Mar	Waters Landing Local Park	Soccer field 1	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	7:00am
21-Mar	Ayrlawn Local Park	Field 2	Safer Play 10-0-2	crabgrass	player safety	9:00am
21-Mar	Concord Local Park	Field 2	Safer Play 10-0-2	crabgrass	player safety	8:00am
22-Mar	Beverly Farms Local Park	Field 2	Safer Play 10-0-2	crabgrass	player safety	9:45am
22-Mar	Falls Road Local Park	Field 2	Safer Play 10-0-2	crabgrass	player safety	10:00am
22-Mar	Glen Hills Local Park	Field 2	Safer Play 10-0-2	crabgrass	player safety	11:30am
30-Mar	South Germantown Recreational Park	Tree rings, landscape beds	Cheetah Pro	broadleaf weeds	protect amenities/infrastructure	8:00am
4-Apr	Fountain Hills Local Park	Baseball field	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	12:00pm
4-Apr	Fountain Hills Local Park	Soccer Field	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	12:10pm
4-Apr	Gunners Lake Local Park	Soccer field 1	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	11:35am
4-Apr	Gunners Lake Local Park	Soccer field 2	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	11:45am
4-Apr	Waring Station Local Park	Soccer field 1	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	11:20am
4-Apr	Bowie Mill Local Park	Soccer field 2	Safer Play 10-0-2	crabgrass	player safety	8:25am
4-Apr	Bowie Mill Local Park	Soccer field 1	Safer Play 10-0-2	crabgrass	player safety	8:10am
4-Apr	Laytonsville Park	Baseball field 1	Safer Play 10-0-2	crabgrass	player safety	10:40am
4-Apr	Laytonsville Park	Soccer field 2	Safer Play 10-0-2	crabgrass	player safety	10:50am
4-Apr	Mount Zion Local Park	Baseball field 1	Safer Play 10-0-2	crabgrass	player safety	9:33am
4-Apr	Sundown Road Local Park	Baseball field 1	Safer Play 10-0-2	crabgrass	player safety	10:05am
4-Apr	Sundown Road Local Park	Baseball field 2	Safer Play 10-0-2	crabgrass	player safety	10:20am
5-Apr	Clarkmont Local Park	Soccer field	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	8:30am
5-Apr	Gunners Branch Local Park	Cricket pitch	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	11:35am
5-Apr	Leaman Local Park	Soccer field 1	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	10:00am
5-Apr	Leaman Local Park	Soccer field 2	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	10:10am
5-Apr	Owens Local Park	Baseball field 1	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	9:15am
5-Apr	South Gunners Branch Local Park	Soccer field 1	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	10:30am
5-Apr	Waters Landing Local Park	Soccer field 1	Safer Play 10-0-2	crabgrass	meet standards of play/player safety	7:50am
5-Apr	Jesup Blair Local Park	Oaks around house, near soccer field	Cambistat	stressed oak trees	support plant/turf health	9:00am
5-Apr	Flower Valley Neighborhood Park	Athletic Field 1	Safer Play 10-0-2	crabgrass	player safety	12:34pm
7-Apr	Brookside Gardens	Conservatory (South)	Molt-X	insect pests	protect plantings	2:30pm

Date	Location	Area Treated	Product	Problem	Reason for treatment	Start time
8-Apr	Brookside Gardens	Viburnum Garden	Prosecutor Pro	noxious weeds	protect plantings	12:45pm
8-Apr	Brookside Gardens	40th Grove, beds Conservatory parking lot and boardwalk	Rodeo	weeds	protect plantings	11:00am
8-Apr	Cherrywood Local Park	Athletic Field 1	Safer Play 10-0-2	crabgrass	player safety	12:30pm
8-Apr	Laytonia Recreational Park	Baseball field 1	Safer Play 10-0-2	crabgrass	player safety	11:30am
12-Apr	Flower Valley Neighborhood Park	Soccer field	Fiesta	broadleaf weeds	meet standards of play/player safety	12:00pm
13-Apr	Brookside Gardens	Woods behind 40th Grove; beds Visitor Center gate	Rodeo	weeds	protect plantings	10:15am
18-Apr	Fleming Local Park	Field 2	Safer Play 10-0-2	crabgrass	player safety	10:30am
18-Apr	Ayrlawn Local Park	Field 2	Safer Play 10-0-2	crabgrass	player safety	9:00am
18-Apr	Beverly Farms Local Park	Field 2	Safer Play 10-0-2	crabgrass	player safety	9:45am
18-Apr	Falls Road Local Park	Field 2	Safer Play 10-0-2	crabgrass	player safety	11:00am
18-Apr	Fleming Local Park	Field 2	Safer Play 10-0-2	crabgrass	player safety	1:00pm
18-Apr	Glen Hills Local Park	Field 2	Safer Play 10-0-2	crabgrass	player safety	1:45pm
19-Apr	Brookside Gardens	Service Hill	Prosecutor Pro	invasive weeds	protect amenities/infrastructure	8:00am
20-Apr	Brookside Gardens	Upper pond, peninsula beds	Rodeo	Lesser celandine	protect plantings	12:30pm
22-Apr	Concord Local Park	Field 2	Safer Play 10-0-2	crabgrass	player safety	12:30pm
26-Apr	South Germantown Recreational Park	Field 23	Fiesta	broadleaf weeds	meet standards of play/player safety	10:00am
26-Apr	South Germantown Recreational Park	Field 24	Fiesta	broadleaf weeds	meet standards of play/player safety	9:30am
26-Apr	South Germantown Recreational Park	Field 24	Fiesta	broadleaf weeds	meet standards of play/player safety	10:30am
29-Apr	Brookside Gardens	40th Grove, Conservatory gate beds, lower aquatic pond	Rodeo	Ficaria verna	protect plantings	9:00am
2-May	Wheaton Regional Park	Train tracks	Finalsan	weeds	protect amenities/infrastructure	7:00am
5-May	Brookside Gardens	Reflection Terr, Gude Garden Island	Chlorothalonil 720 SFT	fungus	protect plantings	8:30am
5-May	Brookside Gardens	Berry border and Viburnum garden	Rodeo	weeds	protect plantings	1:40pm
9-May	Ovid Hazen Recreational Park	Field 1	Primera Triplet SF	broadleaf weeds	support plant/turf health	8:30am
9-May	Ovid Hazen Recreational Park	Field 2	Primera Triplet SF	broadleaf weeds	support plant/turf health	8:30am
9-May	Ovid Hazen Recreational Park	Field 3	Primera Triplet SF	broadleaf weeds	support plant/turf health	8:30am
10-May	Arora Hills Local Park	Field 1	Primera Triplet SF	broadleaf weeds	support plant/turf health	12:00pm
10-May	Arora Hills Local Park	Field 2	Primera Triplet SF	broadleaf weeds	support plant/turf health	12:00pm
10-May	Kings Local Park	Field 1	Primera Triplet SF	broadleaf weeds	support plant/turf health	7:00am
10-May	Kings Local Park	Field 2	Primera Triplet SF	broadleaf weeds	support plant/turf health	7:00am
11-May	Ridge Road Recreational Park	Mulch landscape beds, mulch tree rings	Cheetah Pro	weeds	restore habitat/protect ecosystem	7:00am
11-May	Ridge Road Recreational Park	Field 1	Primera Triplet SF	broadleaf weeds	support plant/turf health	7:30am
11-May	Ridge Road Recreational Park	Field 2	Primera Triplet SF	broadleaf weeds	support plant/turf health	7:30am
11-May	Ridge Road Recreational Park	Field 3	Primera Triplet SF	broadleaf weeds	support plant/turf health	7:30am
11-May	Laytonia Recreational Park	Baseball field	Fiesta	broadleaf weeds	meet standards of play/player safety	10:00am
11-May	Mount Zion Local Park	Baseball field	Fiesta	broadleaf weeds	meet standards of play/player safety	12:00pm
11-May	Sundown Road Local Park	Baseball Field	Fiesta	broadleaf weeds	meet standards of play/player safety	1:15pm
11-May	Sundown Road Local Park	Baseball field	Fiesta	broadleaf weeds	meet standards of play/player safety	12:45pm
11-May	Brookside Gardens	Bulb lawn, Conservatory field, Reflection Terrace	Fiesta	weeds	support plant/turf health	8:00am
12-May	The Lodge at Little Seneca Creek	Lawn	Three-Way	noxious weeds	support plant/turf health	12:30pm
12-May	Damascus Recreational Park	Field 1	Primera Triplet SF	broadleaf weeds	support plant/turf health	7:00am
12-May	Damascus Recreational Park	Field 2	Primera Triplet SF	broadleaf weeds	support plant/turf health	7:00am
12-May	Damascus Recreational Park	Field 3	Primera Triplet SF	broadleaf weeds	support plant/turf health	7:00am
12-May	Damascus Recreational Park	Field 4	Primera Triplet SF	broadleaf weeds	support plant/turf health	7:00am
12-May	Ridge Road Recreational Park	Mulch landscape beds, mulch tree rings	Cheetah Pro	weeds	restore habitat/protect ecosystem	6:30am
12-May	Bowie Mill Local Park	Soccer field 1	Fiesta	broadleaf weeds	meet standards of play/player safety	8:30am
12-May	Bowie Mill Local Park	Soccer field 2	Fiesta	broadleaf weeds	meet standards of play/player safety	9:00am
12-May	Cherrywood Local Park	Soccer field 1	Fiesta	broadleaf weeds	meet standards of play/player safety	12:45pm
12-May	Laytonville Park	Baseball field	Fiesta	broadleaf weeds	meet standards of play/player safety	10:00am
12-May	Laytonville Park	Soccer field	Fiesta	broadleaf weeds	meet standards of play/player safety	10:30am
16-May	Little Seneca Stream Valley, Unit #1	fence line	Prosecutor	noxious weeds	protect amenities/infrastructure	9:30am
16-May	Arora Hills Local Park	Common grassy area in center of park	Primera Triplet SF	broadleaf weeds	support plant/turf health	9:15am
17-May	Black Hill Regional Park	Black Hill Lake tree rings	Prosecutor	crabgrass	protect plantings	7:00am
17-May	Black Hill Nature Center	meadow between visitor center and paved path	Garlon 3A	non-native invasive species	restore habitat/protect ecosystem	9:30am
17-May	Brookside Gardens	Reflection Terr, Gude Garden Island	Python 27	dothistroma	support plant/turf health	7:30am
17-May	Ridge Road Recreational Park	Field 4	Tribute Total	ryegrass, poa annua	support plant/turf health	8:00am
17-May	Ridge Road Recreational Park	Field 5	Tribute Total	ryegrass, poa annua	support plant/turf health	9:00am
17-May	Ellsworth Urban Park	landscape beds	Prosecutor Pro	invasive weeds	protect plantings	9:00am
18-May	Brookside Gardens	Gude Garden	Prosecutor Pro	weeds	protect plantings	2:15pm
18-May	Locust Grove Nature Center	Meadow between parking lot and Democracy Blvd.	Rodeo	invasive weeds	restore habitat/protect ecosystem	11:05am
18-May	Blair Local Park	Athletic Field 1	Fiesta	broadleaf weeds	meet standards of play/player safety	8:00am
18-May	Blair Local Park	Athletic Field 2	Fiesta	broadleaf weeds	meet standards of play/player safety	8:30am
18-May	Maydale Conservation Park	Wooded natural area	Rodeo	invasive species	restore habitat/protect ecosystem	10:00am
18-May	North Four Corners	Field 1	Fiesta	broadleaf weeds	meet standards of play/player safety	7:15am
18-May	Wheaton Regional Park	Field 1	Fiesta	broadleaf weeds	meet standards of play/player safety	10:00am

Products Applied by Montgomery Parks Staff from January 1, 2022 - June 30, 2022

Date	Location	Area Treated	Product	Problem	Reason for treatment	Start time
18-May	Wheaton Regional Park	Field 2	Fiesta	broadleaf weeds	meet standards of play/player safety	11:00am
18-May	Wheaton Regional Park	Field 3	Fiesta	broadleaf weeds	meet standards of play/player safety	11:45am
18-May	Wheaton Regional Park	Field 4	Fiesta	broadleaf weeds	meet standards of play/player safety	12:15pm
18-May	Wheaton Regional Park	Field 5	Fiesta	broadleaf weeds	meet standards of play/player safety	1:00pm
18-May	Wheaton Regional Park	Field 6	Fiesta	broadleaf weeds	meet standards of play/player safety	1:30pm
20-May	Black Hill Nature Center	meadow between visitor center and paved path	Rodeo	non-native invasive species	restore habitat/protect ecosystem	8:30am
23-May	Brookside Gardens	Upper pond, Glenallen Ave. garden bed	Rodeo	weeds	protect plantings	8:30am
23-May	Cabin John Athletic Area	Bermudagrass infield/outfield	Tribute Total	Poa Annua	protect plantings	9:00am
23-May	Cabin John Athletic Area	Field 5	Tribute Total	Poa Annua	protect plantings	7:15am
23-May	Cabin John Athletic Area	Field 6	Tribute Total	Poa Annua	protect plantings	7:45am
23-May	Cabin John Athletic Area	Shirley Povich Field	Tribute Total	Poa Annua	protect plantings	8:30am
25-May	South Germantown Recreational Park	Field 23	Fiesta	broadleaf weeds	meet standards of play/player safety	10:00am
26-May	Brookside Gardens	Reflection Terr, Gude Garden Island	Zyban	Dothistroma	protect plantings	8:30am
26-May	Cabin John Athletic Area	Front entrance bed in island	Marengo	weeds	protect plantings	9:00am
26-May	Silver Spring Intermediate Neighborhood Park	Bed at far end of park	Prosecutor	weeds	protect plantings	10:45am
26-May	Briggs Chaney Community Garden	Plot 86 inside umbrella	PT Wasp-Freeze	hornets	prevent harm/safety	12:00pm
1-Jun	Brookside Gardens	Turf areas	Stonewall 13-0-0	turfgrass	support plant/turf health	8:00am
3-Jun	Brookside Gardens	Reflection Terr, Gude Garden Island	Chlorothalonil 720 SFT	fungus	protect plantings	8:30am
3-Jun	Brookside Gardens	Gude Garden, Berry border	Rodeo	weeds	protect plantings	10:10am
3-Jun	Bowie Mill Local Park	Soccer field 1	Fiesta	broadleaf weeds	meet standards of play/player safety	7:00am
3-Jun	Bowie Mill Local Park	Soccer field 2	Fiesta	broadleaf weeds	meet standards of play/player safety	9:00am
3-Jun	Laytonsville Park	Baseball field	Fiesta	broadleaf weeds	meet standards of play/player safety	12:30pm
3-Jun	Sundown Road Local Park	Baseball field	Fiesta	broadleaf weeds	meet standards of play/player safety	11:00am
3-Jun	Sundown Road Local Park	Baseball field	Fiesta	broadleaf weeds	meet standards of play/player safety	12:00pm
6-Jun	Black Hill Regional Park	Boat ramp area	Rodeo	invasive grass weeds	restore habitat/protect ecosystem	7:00am
6-Jun	Black Hill Regional Park	Police substation	Prosecutor	invasive weeds	protect amenities/infrastructure	8:00am
6-Jun	Laytonia Recreational Park	Baseball field	Fiesta	broadleaf weeds	meet standards of play/player safety	8:00am
7-Jun	South Germantown Town Center Urban Park	Beds, stone walkway	Three-Way	weeds	protect plantings; protect	7:30am
7-Jun	Brookside Gardens	Children's playhouse	Wasp and Hornet	wasps	safety	7:15am
8-Jun	Jesup Blair Local Park	White oaks around house	Mectinite	two-lined chestnut borer	protect plantings	9:00am
10-Jun	Brookside Gardens	Peninsula Garden beds; Conservatory entrance	Rodeo	Houttuynia cordata	protect plantings	8:00am
10-Jun	Brookside Gardens	Gude Garden, Berry border	Rodeo	weeds	protect plantings	10:30am
10-Jun	Cherrywood Local Park	Soccer field 1	Fiesta	broadleaf weeds	meet standards of play/player safety	12:00pm
10-Jun	Flower Valley Neighborhood Park	Soccer field	Fiesta	broadleaf weeds	meet standards of play/player safety	1:00pm
10-Jun	Laytonsville Park	Soccer field	Fiesta	broadleaf weeds	meet standards of play/player safety	8:00am
10-Jun	Mount Zion Local Park	Baseball field	Fiesta	broadleaf weeds	meet standards of play/player safety	9:00am
13-Jun	Brookside Gardens	Visitor Center entrance, boardwalk	Rodeo	Houttuynia cordata	protect plantings	8:00am
13-Jun	Clarkmont Local Park	Beds	Prosecutor, Surflan	weeds	protect plantings	6:45am
13-Jun	Cabin John Athletic Area	Field 2	T-Nex	turfgrass	support plant/turf health	7:30am
13-Jun	Cabin John Athletic Area	Field 5	T-Nex	turfgrass	support plant/turf health	8:30am
13-Jun	Cabin John Athletic Area	Field 6	T-Nex	turfgrass	support plant/turf health	8:00am
13-Jun	Cabin John Athletic Area	Shirley Povich Field	T-Nex	turfgrass	support plant/turf health	6:00am
15-Jun	Falls Road Local Park	Flower bed at front of park	Prosecutor	broadleaf weeds	protect plantings	6:00am
15-Jun	Westmoreland Hills Local Park	Flower bed at front of park	Prosecutor	broadleaf weeds	protect plantings	6:00am
15-Jun	Brookside Gardens	Bulb lawn	Fiesta	weeds	support plant/turf health	8:00am
16-Jun	Germantown Town Center Urban Park	landscape beds	Sedgehammer	yellow nutsedge	protect plantings	7:00am
17-Jun	Northwest Branch Stream Valley Unit #7	Champion White Ash	Mectinite	emerald ash borer	protect plantings	8:00am
24-Jun	Brookside Gardens	Reflection Terrace, Gude Garden	Python 27	Japanese Black Pines	support plant/turf health	8:00am
24-Jun	Brookside Gardens	Upper and Lower Aquatic Ponds	Rodeo	invasive weeds	protect plantings	7:10am
27-Jun	Germantown Town Center Urban Park	Paver walkways, landscape beds	Prosecutor, Surflan	weeds	protect plantings	11:00am
28-Jun	Ovid Hazen Recreational Park	Landscape beds, mulched tree rings	Cheetah Pro	weeds	restore habitat/protect ecosystem	12:00pm
28-Jun	Ridge Road Recreational Park	Landscape beds, mulched tree rings	Cheetah Pro	weeds	restore habitat/protect ecosystem	7:00am
28-Jun	Brookside Gardens	Service Hill	Prosecutor Pro	weeds	restore habitat/protect ecosystem	8:00am
29-Jun	Cabin John Athletic Area	Field 2	T-Nex	turfgrass	support plant/turf health	10:00am
29-Jun	Cabin John Athletic Area	Field 5	T-Nex	turfgrass	support plant/turf health	8:30am
29-Jun	Cabin John Athletic Area	Field 6	T-Nex	turfgrass	support plant/turf health	7:30am
29-Jun	Cabin John Athletic Area	Shirley Povich Field	T-Nex	turfgrass	support plant/turf health	9:00am
29-Jun	Arora Hills Local Park	Landscape beds, mulched tree rings	Cheetah Pro	weeds	restore habitat/protect ecosystem	9:00am
29-Jun	Ovid Hazen Recreational Park	Landscape beds, mulched tree rings	Cheetah Pro	weeds	restore habitat/protect ecosystem	6:30am
29-Jun	Brookside Gardens	Service Hill	Prosecutor Pro	weeds	prevent harm/safety	8:00am
30-Jun	Brookside Gardens	Service Hill	Prosecutor Pro	weeds	restore habitat/protect ecosystem	11:00am

Products Applied by Contractors from January 1 - June 30, 2022

Date	Location	Area Treated	Product	Problem	Reason for treatment	Start time
7-Feb	Muddy Branch Stream Valley Park	Meadow	Garlon 3A	invasive weeds	restore habitat/protect ecosystem	8:30am
8-Feb	Little Falls Park Stream Valley Park	Deer enclosure area	Rodeo	invasive weeds	restore habitat/protect ecosystem	8:15am
8-Feb	Muddy Branch Stream Valley Park	Meadow	Garlon 3A	invasive weeds	restore habitat/protect ecosystem	8:00am
9-Feb	Muddy Branch Stream Valley Park	Meadow	Garlon 3A	invasive weeds	restore habitat/protect ecosystem	8:00am
4-Mar	Sligo meadow	Meadow	Pendulum Aqua Cap	invasive weeds	restore habitat/protect ecosystem	9:30am
4-Mar	Sligo Creek Parkway	Sligo-Dennis meadow	Pendulum Aqua Cap	invasive weeds	restore habitat/protect ecosystem	7:45am
16-Mar	Rachel Carson Conservation Park	Field adjacent to parking lot	Pendulum Aqua Cap	invasive weeds	restore habitat/protect ecosystem	8:00am
25-Mar	Rachel Carson Conservation Park	Southeast side of meadow	Pendulum Aqua Cap	invasive weeds	restore habitat/protect ecosystem	7:30am
28-Mar	Rock Creek Stream Valley Unit #1	Wooded area near parking lot	Garlon 3A	invasive weeds	restore habitat/protect ecosystem	8:30am
11-Apr	Sligo Creek Stream Valley Unit #4	Meadow	Pendulum Aqua Cap	invasive weeds	restore habitat/protect ecosystem	8:00am
22-Apr	Meadowside Nature Center	Meadow	Rodeo	invasive weeds	restore habitat/protect ecosystem	N/A
22-Apr	Locust Grove Nature Center	Parking lot meadow	Rodeo	invasive weeds	restore habitat/protect ecosystem	8:00 AM
26-Apr	Muddy Branch Stream Valley Unit #2	Meadow (High Meadow Road)	Garlon 3A	invasive weeds	restore habitat/protect ecosystem	8:00am
28-Apr	Muddy Branch Stream Valley Unit #2	Meadow (High Meadow Road)	Garlon 3A	invasive weeds	restore habitat/protect ecosystem	7:15am
28-Apr	Muddy Branch Stream Valley Unit #2	Forested area (High Meadow Road)	Garlon 3A	invasive weeds	restore habitat/protect ecosystem	10:45am
29-Apr	Muddy Branch Stream Valley Unit #2	Meadow (High Meadow Road)	Garlon 3A	invasive weeds	restore habitat/protect ecosystem	7:30am
10-May	Ken Gar Palisades	Wetland Area	Roundup custom terrestrial/aquatic	invasive weeds	restore habitat/protect ecosystem	7:00 AM
18-May	Locust Grove Nature Center	wooded area between parking and nature ctr	Garlon 3A	invasive weeds	restore habitat/protect ecosystem	7:45 AM
31-May	Kemp Mill Urban Park	Ponds	Argos, Flumigard	invasive weeds	restore habitat/protect ecosystem	10:55am
2-Jun	Rock Creek Stream Valley Unit #4	Behind houses on Palisades Court	Round Up Custom	invasive weeds	restore habitat/protect ecosystem	9:00am
2-Jun	Locust Grove Nature Center	wooded area between parking and nature ctr	Garlon 3A	invasive weeds	restore habitat/protect ecosystem	7:00 AM
3-Jun	Ken Gar Palisades	Wetland Area	Roundup custom terrestrial/aquatic	invasive weeds	restore habitat/protect ecosystem	7:30 AM
13-Jun	Brookside Gardens	Wooded area west of Visitor Center	Triclopyr	invasive weeds	restore habitat/protect ecosystem	9:00am
15-Jun	Rachel Carson Conservation Park	Forest interior both sides of fern valley trail	Rodeo	invasive weeds	restore habitat/protect ecosystem	7:15 AM
16-Jun	Rachel Carson Conservation Park	Forest interior both sides of fern valley trail	Rodeo	invasive weeds	restore habitat/protect ecosystem	11:00 AM
16-Jun	Cabin John SVU 1/Vabin John Local Park	Floodplain west of stream	Garlon 3A	invasive weeds	restore habitat/protect ecosystem	7:30 AM
28-Jun	Blockhouse Point	east of pawpaw trail forest interior	Acclaim extra	invasive weeds	restore habitat/protect ecosystem	8:00 AM
29-Jun	Blockhouse Point	east of paw paw trail forested interior	Acclaim extra	invasive weeds	restore habitat/protect ecosystem	7:30 AM