

Montgomery Parks Pesticide Use Report

July 1 - December 31, 2017

OVERVIEW

Bill 52-14 Pesticides-Notice Requirements-Cosmetic Pesticide Use Restrictions was enacted by Montgomery County Council Oct 2015 and adopted into County Code 33B Pesticide Use. This report provides updates, assessments and future direction for the following programs:

1. Pesticide-free pilot parks
2. Pesticide-free playgrounds
3. Integrated Pest Management of athletic fields
4. Pesticide-free pilot athletic fields
5. Use of organic & listed products and alternatives
6. Informing the public and staff training
7. Summary and future steps

PESTICIDE-FREE PARKS

Eleven parks were selected for the pesticide-free park pilot program to evaluate the impact on time, quality, and infrastructure of using only mechanical means of weed removal in local parks.

The pesticide-free parks include: Big Pines Local Park, Cedar Creek Local Park, Clarksburg Village North Local Park, Dickerson Local Park, General Getty Neighborhood Park, Kemp Mill Estates Local Park, Kemp Mill Urban Park, Norbeck Meadows Neighborhood Park, Norwood Local Park, Spencerville Local Park, and Stonehedge Local Park.

Parks staff formally evaluate the parks in this pilot program twice a year. For this period, the evaluation team included the plant health horticulturist, park managers and/or maintenance leaders responsible for each pesticide-free park.



Staff evaluated the pesticide-free parks to discuss alternative strategies for weed control, and determine how to address weeds in amenities such as fencelines, benches, bleachers, posts, curbs, parking lots, court edges and trash container areas that have proven difficult to manage without pesticides.



Fenceline management of weeds and grass is a challenge in the pesticide-free parks. String trimming or flaming is an alternative but neither is possible in some locations.



The team evaluating the pesticide-free parks concluded that materials and design are important components for successful park maintenance with pesticide reduction. A team of park managers, landscape architects, engineers and project managers are working together to explore new innovations in materials, products, specifications and design strategies that may be introduced to reduce the need for pesticides on future park development projects. Discussion is ongoing; along with training and sharing of information among staff maintaining the pesticide-free parks.

Mulch tree rings have been reduced or eliminated in some pesticide-free parks because it has proven too time-intensive to hand-weed and maintain them. In several, but not all (non pesticide-free) parks, a contact and pre-emergent herbicide product is applied to treat weeds prior to mulching. On-going maintenance in these parks includes spot spraying weeds in the mulch at least once during the growing season. Eliminating weeds without the use of these herbicide treatments is too time intensive.

We have tested some listed products, however, staff has not yet identified an effective organic or other alternative product to control weeds in tree mulch rings. Weeds around young trees compete for nutrients and moisture; mulch protects trees from mower and string trimmer damage, maintains soil temperature during extremes and retains moisture in the soil. In addition to managing weed populations, mulch breaks down to increase organic matter, release nutrients--and provide an attractive place for weed establishment. Because the mulch appears to feed and encourage even more weeds, which are unsightly when not removed, many mulch rings are being eliminated at the expense of tree health.



Annually, an estimated 700-1,000 trees are lost in parks due to natural and man-induced stresses. These stresses include intensive recreational use, development, construction, seasonal storms and non-native invasive pests such as emerald ash borer.

Trees and shrubs are critical to our environment and quality of life providing beauty, wildlife habitat and food; purifying the air and water; cooling park spaces; reducing use of energy and benefiting human health. As stewards of our parks, we strive to restore tree canopy for the benefit of residents and the local environment by annually



planting and maintaining 1,200-3,000 landscape-size trees throughout Montgomery Parks. Trees receive special care for the first two years following planting which includes mulching and watering as needed throughout the growing season. Trees receive on-going inspections and tree care pruning for safety and tree health as needed.

PESTICIDE-FREE PLAYGROUNDS

All Montgomery Parks playgrounds are maintained without any pesticides. Weed management teams have been created to supplement the routine playground maintenance performed by area staff. Parks has 275 playgrounds; 251 of these have engineered wood fiber (EWF) surfaces; 18 have artificial surfaces and 6 have mixed surfaces (with some EWF). When wood fiber breaks down it becomes organic matter that is the perfect environment for weed growth. During this reporting period, staff spent 2,681 hours performing playground surface maintenance to manage weeds at a labor cost of \$65,318.



Tillers and sod cutters are now routinely used to remove aggressive, deep-rooted perennial weeds growing into playground engineered wood fiber surfacing. With the implementation of mechanized weeding methods, we have observed damage to tree roots because they can become intertwined with weed roots in the wood fiber. The mechanized equipment digs out deep weed roots effectively, however, this equipment also poses a serious risk of damage to underlying stormwater drainage systems in some playgrounds. To address concerns of potential damage to trees and stormwater facilities, playground weed management teams are communicating with park arborists and playground design staff to discuss methods to protect these important assets.





Playground borders are the first line of defense against weed encroachment. Many types of borders are utilized for playgrounds, including wood or composite material or the more costly concrete. Concrete has proven most effective at stopping weed encroachment because it is durable and able to withstand flame weeding and string trimming - alternative methods to manage vegetative growth outside of the border. There are plans to install borders where absent, as funds become available. Repairs will be made to concrete, wood or composite borders as they deteriorate.



INTEGRATED PEST MANAGEMENT OF ATHLETIC FIELDS (IPM)

IPM is a balanced approach to plant health which uses a combination of strategies to reduce pests, protect plants and the environment. Strategies includes use of genetically, pest-resistant plants, proven horticultural practices (e.g. aeration, fertilizing, irrigation timing); mechanical removal of pests and carefully timed pesticide applications when needed. Park athletic field staff begin by planting improved grass cultivars recommended for this region by the University of Maryland. These cultivars are resistant to disease, and tolerant of drought, insects and other conditions of stress. To improve soil and turf health, staff consider when and how often to mow and fertilize based on soil test results and Maryland Department of Agriculture guidelines. Staff work to keep weeds off of infields by regularly grooming with a drag mat, cutting bar, scuffle hoe, sod cutter and/or weed burner.



PESTICIDE-FREE PILOT ATHLETIC FIELDS

Montgomery Parks is working with organic turf management expert, Chip Osborn of Osborne Organics, LLC, on its athletic fields pilot program to compare conventional management to management with only “listed” products. Ten rectangular, multipurpose fields in local parks have been selected in pairs based on hours of permitted play, ballfield data, and visual inspection. This will ensure consistent comparisons between the two different management methods.

Osborne Organics is developing an organic conversion plan which is a three-year transition process with recommendations for the maintenance of the five pairs of pilot athletic fields. This plan will serve as the basis for a request for proposal (RFP) for Montgomery Parks to hire a contractor to maintain the ten fields. The contracted field maintenance will include mowing, line painting, nutrient applications, aerification and seeding. Montgomery Parks is also in the process of hiring an independent, nationally recognized academic turf grass researcher to create a field conditions baseline with

definable metrics to evaluate the pilot program outcomes. This researcher will return twice a year over a three-year period to evaluate and quantify the defined metrics on each of the ten fields. The researcher will generate data and make a final independent

evaluation of the organic vs. conventional management after the three-year period. This evaluation will help Montgomery Parks determine if it is feasible to manage all local park athletic fields with only listed pesticides.



USE OF ORGANIC & LISTED PRODUCTS AND ALTERNATIVE PRACTICES

Organic and listed insect control products are available and have proven effective for controlling specific insects, however, listed weed control products have not performed well in Montgomery Parks. Federally listed minimum risk 25(b) products are required to be approved by our state chemist and registered for use in Maryland, however, minimal efficacy data is required at the state level for these products. Staff has observed that herbicides containing acetic acid, clove and cinnamon oil can kill young weeds in full sun but are not effective for larger-weeds in shaded areas. In a collaborative study with the University of Maryland, Montgomery Parks is evaluating the use of Fiesta, HEDTA iron product to control broadleaf weeds in turf at a field at Timberlawn Local Park in Bethesda. Treated grass takes on a purple color for 5-10 days following the application of Fiesta. We will continue to look for products and locations appropriate for testing listed pesticides.



INFORMING THE PUBLIC AND STAFF TRAINING

Montgomery Parks' website <http://www.montgomeryparks.org/about/parks/pesticides/> is regularly updated with information about planned pesticide applications. The website includes a comprehensive grid outlining locations, dates, times, products used and causes for pesticide applications in parks. In addition, staff place pre-notification signs at required application sites 48 hours prior to the planned application. Records are maintained with specific location and application details and labor hours. Staff trainings related to pesticide use are offered on an on-going basis at multiple sites. Training topics directly related to management of pest problems found in our parks; including tree, turf, greenhouse, playground, and invasive species, pest identification and management. Class content meets the requirements of the Maryland Department of Agriculture for pesticide applicator compliance.

Montgomery Parks Pesticide Reduction and Integrated Pest Management Program

Montgomery Parks > Pesticides >



Pesticide Use in Montgomery Parks

Montgomery Parks began implementing segments of the pesticide use restrictions law beginning on July 1, 2016. [Bill 52-14 Pesticides - Notice Requirements](#) - [Cosmetic Pesticide Use Restrictions](#) was enacted by Montgomery County Council October 2015 and was adopted into County Code Ch. 33B Pesticide Use.

SUMMARY AND FUTURE STEPS

The challenges presented by the pesticide use law have triggered conversations across Montgomery Parks divisions resulting in creative thinking, innovative changes and the need to make difficult choices. Design and materials modifications that reduce the need for pesticides can conflict with ADA regulations and infrastructure management protocols to meet park maintenance standards. It has been challenging--and in some areas not possible--to maintain infrastructure, amenities and plant health without the use of modern products; it demands close review of benefits and risks. Balancing the demand for recreation with the need to protect and provide stewardship of our valuable natural and cultural resources continues to be our goal.

Montgomery Parks Pesticide Use Data
July 1 – Dec 31, 2017

| Date | Location of Application | Product Name | Reason for Use | Start Time | Hours Worked |
|-----------|---|-----------------------|----------------------------|------------|--------------|
| 7/3/2017 | CABIN JOHN ATHLETIC AREA BASEBALL FIELD 2 | HEADWAY | Fungal Disease | 8:00 AM | 1.50 |
| 7/3/2017 | SHIRLEY POVICH BASEBALL FIELD | HEADWAY | Fungal Disease | 6:45 AM | 1.50 |
| 7/3/2017 | LAYHILL VILLAGE LOCAL PARK | GLYPHOSATE PRO 4 | WEEDS | 6:30 AM | 7.00 |
| 7/3/2017 | PARKLAND LOCAL PARK | PROSECUTOR | WEEDS | 10:00 AM | 7.00 |
| 7/5/2017 | BROOKSIDE NATURE CENTER PROPERTY | WASP AND HORNET KILLE | Insects Harmful to Humans | 5:30 AM | 0.50 |
| 7/5/2017 | CAMP SENECA SPECIAL PARK | QUIKPRO | WEEDS | 8:00 AM | 4.50 |
| 7/5/2017 | DARNESTOWN HERITAGE PARK | SNAPSHOT 2.5 TG | WEEDS | 12:30 PM | 4.50 |
| 7/5/2017 | DARNESTOWN HERITAGE PARK | QUIKPRO | WEEDS | 12:30 PM | 0.00 |
| 7/5/2017 | LITTLE BENNETT CAMP GROUND | SNAPSHOT 2.5 TG | WEEDS | 10:00 AM | 4.50 |
| 7/5/2017 | LITTLE BENNETT CAMP GROUND | QUIKPRO | WEEDS | 10:00 AM | 0.00 |
| 7/7/2017 | AGRICULTURAL HISTORY FARM PARK | QUIKPRO | WEEDS | 10:00 AM | 6.50 |
| 7/7/2017 | OLNEY MANOR RECREATIONAL PARK | QUIKPRO | WEEDS | 7:00 AM | 6.50 |
| 7/7/2017 | ROCK CREEK REGIONAL PARK | QUIKPRO | WEEDS | 12:00 PM | 6.50 |
| 7/13/2017 | BROOKSIDE GARDENS VISITORS CENTER | SEVIN 50 WP | Insects Harmful to Humans | 11:30 AM | 0.25 |
| 7/13/2017 | PARKLAWN COMMUNITY GARDEN | SEVIN 50 WP | Insects Harmful to Humans | 10:30 AM | 0.25 |
| 7/13/2017 | STAR MAGNOLIA AT HILLANDALE LOCAL PARK | SHORTSTOP | Bacterial...Vitality Boost | 8:00 AM | 2.00 |
| 7/17/2017 | FAIRLAND RECREATIONAL PARK | GLYPHOSATE PRO 4 | WEEDS | 11:00 AM | 1.50 |
| 7/17/2017 | SOUTH GERMANTOWN RECREATIONAL PARK | QUIKPRO | WEEDS | 6:00 AM | 42.00 |
| 7/18/2017 | BROOKSIDE ROSE GARDEN | DISTANCE | Insects Harmful to Humans | 8:30 AM | 1.50 |
| 7/19/2017 | OLNEY MANOR DOG EXERCISE AREA | GLYPHOSATE PRO 4 | WEEDS | 9:00 AM | 1.50 |
| 7/19/2017 | OLNEY MANOR RECREATIONAL PARK | GLYPHOSATE PRO 4 | WEEDS | 10:00 AM | 4.50 |
| 7/20/2017 | DICKERSON CONSERVATION PARK PARKING LOT | GLYPHOSATE PRO 4 | WEEDS | 12:30 PM | 1.50 |
| 7/20/2017 | BURTONSVILLE LOCAL PARK | GLYPHOSATE PRO 4 | WEEDS | 9:00 AM | 2.00 |
| 7/20/2017 | BURTONSVILLE LOCAL PARK | GLYPHOSATE PRO 4 | WEEDS | 10:00 AM | 1.00 |
| 7/20/2017 | CABIN JOHN ATHLETIC AREA | RAZOR PRO | WEEDS | 6:30 AM | 1.75 |
| 7/20/2017 | CLOVERLY LOCAL PARK | GLYPHOSATE PRO 4 | WEEDS | 8:00 AM | 1.50 |
| 7/20/2017 | CLOVERLY LOCAL PARK | GLYPHOSATE PRO 4 | WEEDS | 8:30 AM | 0.50 |
| 7/25/2017 | AGRICULTURAL HISTORY FARM PARK | QUIKPRO | WEEDS | 8:00 AM | 2.00 |
| 7/25/2017 | BROOKSIDE GARDENS | SEVIN 50 WP | Insects Harmful to Humans | 9:30 PM | 1.00 |
| 7/25/2017 | OLNEY MANOR RECREATIONAL PARK | QUIKPRO | WEEDS | 7:00 AM | 1.00 |
| 7/26/2017 | BROOKSIDE GARDENS | DIPEL PRO DF | Insects Harmful to Plants | 8:00 AM | 1.50 |
| 7/26/2017 | LITTLE BENNETT CAMP GROUND | QUIKPRO | WEEDS | 2:00 PM | 2.00 |
| 7/26/2017 | RIDGE ROAD RECREATIONAL PARK | QUIKPRO | WEEDS | 7:00 AM | 8.00 |
| 7/27/2017 | NIKE MISSILE LP BASKETBALL COURT PAD | QUIKPRO | WEEDS | 9:00 AM | 2.50 |
| 7/27/2017 | NEEDWOOD MANSION PROPERTY | QUIKPRO | WEEDS | 1:30 PM | 4.00 |
| 7/27/2017 | DARNESTOWN LOCAL PARK | QUIKPRO | WEEDS | 12:00 PM | 6.00 |
| 7/27/2017 | JOHNSON LOCAL PARK | QUIKPRO | WEEDS | 10:00 AM | 3.00 |
| 7/27/2017 | NIKE MISSILE VOLLEYBALL COURT | QUIKPRO | WEEDS | 7:00 AM | 2.50 |
| 7/27/2017 | ABERDEEN LOCAL PARK VOLLEYBALL COURT | QUIKPRO | WEEDS | 12:00 PM | 3.00 |
| 7/28/2017 | DARNESTOWN HERITAGE PARK | QUIKPRO | WEEDS | 8:00 AM | 3.00 |
| 8/1/2017 | BROOKSIDE GARDENS | SEVIN 50 WP | Insects Harmful to Humans | 10:00 AM | 0.50 |
| 8/1/2017 | BROOKSIDE ROSE GARDEN | DISTANCE | Insects Harmful to Plants | 8:45 AM | 1.00 |
| 8/2/2017 | ARORA HILLS LOCAL PARK | ROUND UP PROMAX | WEEDS | 8:30 AM | 8.50 |
| 8/2/2017 | DAMASCUS RECREATIONAL PARK | ROUND UP PROMAX | WEEDS | 6:30 AM | 4.50 |
| 8/2/2017 | GERMANTOWN TOWN CENTER URBAN PARK | PROSECUTOR | WEEDS | 7:00 AM | 4.75 |
| 8/2/2017 | OVID HAZEN WELLS RECREATIONAL PARK | ROUND UP PROMAX | WEEDS | 12:30 PM | 19.50 |
| 8/3/2017 | CLARKSBURG NEIGHBORHOOD PARK | ROUND UP PROMAX | WEEDS | 11:30 AM | 2.50 |
| 8/3/2017 | CLEARSPRING LOCAL PARK | ROUND UP PROMAX | WEEDS | 6:30 AM | 5.50 |
| 8/3/2017 | DOWDEN'S ORDINARY SPECIAL PARK | ROUND UP PROMAX | WEEDS | 1:00 PM | 3.50 |
| 8/3/2017 | GERMANTOWN TOWN CENTER URBAN PARK | SEDGE HAMMER | Weeds: Sedge | 8:15 AM | 4.25 |
| 8/3/2017 | LITTLE BENNETT REGIONAL PARK | ROUND UP PROMAX | WEEDS | 7:30 AM | 2.50 |
| 8/3/2017 | WARING STATION LOCAL PARK | PROSECUTOR | WEEDS | 7:15 AM | 1.25 |
| 8/3/2017 | WATERS HOUSE SPECIAL PARK | ROUND UP PROMAX | WEEDS | 9:30 AM | 4.50 |
| 8/4/2017 | JOHN HAINES NEIGHBORHOOD PARK | ROUND UP PROMAX | WEEDS | 6:30 AM | 3.50 |
| 8/8/2017 | CABIN JOHN ATHLETIC AREA BASEBALL FIELD 2 | HEADWAY | Fungal Disease | 7:45 AM | 1.50 |
| 8/8/2017 | BROOKSIDE ROSE GARDEN | TEMPO | Insects Harmful to Plants | 8:30 AM | 2.00 |
| 8/8/2017 | FOX CHAPEL NEIGHBORHOOD PARK | ROUND UP PROMAX | WEEDS | 10:30 AM | 3.50 |
| 8/8/2017 | KINGS LOCAL PARK | ROUND UP PROMAX | WEEDS | 6:30 AM | 6.50 |
| 8/8/2017 | SHIRLEY POVICH BASEBALL FIELD | HEADWAY | Fungal Disease | 6:30 AM | 1.50 |
| 8/9/2017 | WOODSTOCK EQUESTRIAN PARK | PROSECUTOR | WEEDS | 8:00 AM | 4.00 |
| 8/10/2017 | CABIN JOHN ATHLETIC AREA | PROSECUTOR | WEEDS | 8:00 AM | 2.00 |
| 8/10/2017 | REDLAND LOCAL PARK | QUIKPRO | WEEDS | 10:30 AM | 4.50 |
| 8/10/2017 | ROCK CREEK REGIONAL PARK | QUIKPRO | WEEDS | 12:00 PM | 3.00 |

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|-----------|--|---------------------|---------------------------|------------|--------------|
| 8/10/2017 | STEWARTOWN LOCAL PARK | QUIKPRO | WEEDS | 8:00 AM | 7.50 |
| 8/11/2017 | BLACK HILL REGIONAL PARK | PROSECUTOR | WEEDS | 6:45 AM | 1.50 |
| 8/11/2017 | CAMP SENECA SPECIAL PARK | QUIKPRO | WEEDS | 8:30 AM | 1.50 |
| 8/11/2017 | SOUTH GERMANTOWN RECREATIONAL PARK | QUIKPRO | WEEDS | 10:00 AM | 2.00 |
| 8/17/2017 | BROOKSIDE GARDENS FRITZ GREENHOUSE | CONSERVE SC | Insects Harmful to Plants | 7:45 AM | 2.00 |
| 8/21/2017 | BROOKSIDE GARDENS FRITZ GREENHOUSE | MANTRA 1 G | Insects Harmful to Plants | 9:00 AM | 6.00 |
| 8/22/2017 | BROOKSIDE GARDENS FRITZ GREENHOUSE | MANTRA 1 G | Insects Harmful to Plants | 8:30 AM | 1.25 |
| 8/22/2017 | CABIN JOHN ICE RINK PROPERTY | RAZOR PRO | WEEDS | 6:45 AM | 1.25 |
| 8/22/2017 | GREENWOOD LOCAL PARK | PROSECUTOR | WEEDS | 2:00 PM | 0.50 |
| 8/22/2017 | MANOR OAKS LOCAL PARK | PROSECUTOR | WEEDS | 2:30 PM | 0.50 |
| 8/22/2017 | NORTHWEST BRANCH RECREATIONAL PARK | PROSECUTOR | WEEDS | 11:00 AM | 2.00 |
| 8/22/2017 | OLNEY MANOR RECREATIONAL PARK | PROSECUTOR | WEEDS | 1:30 PM | 0.50 |
| 8/22/2017 | SOUTH GERMANTOWN RECREATIONAL PARK | QUIKPRO | WEEDS | 6:00 AM | 50.00 |
| 8/22/2017 | WOODLAWN CULTURAL SPECIAL PARK | PROSECUTOR | WEEDS | 12:00 PM | 1.50 |
| 8/23/2017 | RIDGE ROAD REC PARK BASEBALL FIELD 1 | THREE-WAY | WEEDS | 9:00 AM | 1.00 |
| 8/23/2017 | S GERMANTOWN REC PARK BASEBALL FIELD C | THREE-WAY | WEEDS | 11:00 AM | 1.00 |
| 8/23/2017 | S GERMANTOWN REC PARK BASEBALL FIELD D | THREE-WAY | WEEDS | 1:00 PM | 1.00 |
| 8/23/2017 | S GERMANTOWN REC PARK BASEBALL FIELD F | THREE-WAY | WEEDS | 12:00 PM | 1.00 |
| 8/23/2017 | EAST NORBECK LOCAL PARK | PROSECUTOR | WEEDS | 11:00 AM | 2.50 |
| 8/23/2017 | GREENWOOD LOCAL PARK | PROSECUTOR | WEEDS | 2:00 PM | 0.50 |
| 8/23/2017 | OLNEY MILL NEIGHBORHOOD PARK | PROSECUTOR | WEEDS | 9:30 AM | 1.50 |
| 8/23/2017 | RIDGE ROAD RECREATIONAL PARK | THREE-WAY | WEEDS | 7:00 AM | 1.00 |
| 8/23/2017 | RIDGE ROAD RECREATIONAL PARK | THREE-WAY | WEEDS | 8:00 AM | 1.00 |
| 8/23/2017 | S GERMANTOWN RECREATIONAL PARK | THREE-WAY | WEEDS | 10:00 AM | 1.00 |
| 8/24/2017 | AGRICULTURAL HISTORY FARM PARK | QUIKPRO | WEEDS | 9:00 AM | 1.50 |
| 8/24/2017 | GERMANTOWN TOWN CENTER URBAN PARK | PROSECUTOR | WEEDS | 7:30 AM | 4.25 |
| 8/24/2017 | MILL CREEK TOWNE LOCAL PARK | QUIKPRO | WEEDS | 11:30 AM | 1.50 |
| 8/24/2017 | BLAIR LP SOFTBALL FIELD 2 | PROSECUTOR | WEEDS | 7:00 AM | 5.00 |
| 8/24/2017 | QUINCE ORCHARD VALLEY NEIGHBORHOOD PARK | QUIKPRO | WEEDS | 1:00 PM | 2.50 |
| 8/24/2017 | RIDGE ROAD RECREATIONAL PARK | QUIKPRO | WEEDS | 8:00 AM | 6.50 |
| 8/24/2017 | WASHINGTON SQUARE NEIGHBORHOOD PARK | QUIKPRO | WEEDS | 10:00 AM | 1.50 |
| 8/25/2017 | BLACK HILL PARK POLICE SUBSTATION PROPERTY | QUIKPRO | WEEDS | 1:00 PM | 1.50 |
| 8/25/2017 | BLACK HILL REGIONAL PARK | QUIKPRO | WEEDS | 12:00 PM | 1.50 |
| 8/25/2017 | NORBECK-MUNCASTER MILL NEIGHBORHOOD PARK | QUIKPRO | WEEDS | 9:00 AM | 1.50 |
| 8/25/2017 | SPENCERVILLE LOCAL PARK | QUIKPRO | WEEDS | 10:00 AM | 2.50 |
| 8/28/2017 | FLOWER HILL LOCAL PARK | PROSECUTOR | WEEDS | 1:00 PM | 3.50 |
| 8/29/2017 | CAPITAL VIEW-HOMEWOOD LOCAL PARK | MOSQUITO DUNKS/BITS | Insects Harmful to Humans | 6:00 PM | 1.00 |
| 8/30/2017 | CJ ATHLETIC AREA BASEBALL FIELD 2 | HEADWAY | Fungal Disease | 7:45 AM | 1.25 |
| 8/30/2017 | DARNESTOWN HERITAGE PARK | PROSECUTOR | WEEDS | 10:30 AM | 2.50 |
| 8/30/2017 | HUNTERS WOODS LOCAL PARK | PROSECUTOR | WEEDS | 8:00 AM | 6.00 |
| 8/30/2017 | SHIRLEY POVICH BASEBALL FIELD | HEADWAY | Fungal Disease | 6:45 AM | 1.00 |
| 8/30/2017 | WASHINGTON GROVE CONSERVATION PARK | MOMENTUM FX 2 | WEEDS | 1:00 AM | 4.00 |
| 8/30/2017 | WASHINGTON GROVE CONSERVATION PARK | PROSECUTOR | WEEDS | 7:00 AM | 4.00 |
| 8/31/2017 | BLUEBERRY HILL LOCAL PARK | PROSECUTOR | WEEDS | 2:00 PM | 1.00 |
| 8/31/2017 | FLOWER HILL LOCAL PARK | PROSECUTOR | WEEDS | 9:00 AM | 1.00 |
| 8/31/2017 | GREENBRIAR LOCAL PARK | PROSECUTOR | WEEDS | 10:00 AM | 3.00 |
| 8/31/2017 | LOIS Y. GREEN CONSERVATION PARK | PROSECUTOR | WEEDS | 7:00 AM | 1.00 |
| 9/2/2017 | BROOKSIDE GARDENS FRITZ GREENHOUSE | ARIA | Insects Harmful to Plants | 10:00 AM | 2.50 |
| 9/5/2017 | HOYLES MILL VILLAGE LOCAL PARK | QUIKPRO | WEEDS | 6:30 AM | 5.00 |
| 9/5/2017 | KINGS CROSSING LOCAL PARK | QUIKPRO | WEEDS | 10:30 AM | 5.00 |
| 9/7/2017 | MINERAL SPRINGS NGHBRHD CONSERVATION AREA | PROSECUTOR | WEEDS | 8:00 AM | 2.50 |
| 9/8/2017 | FLOWER HILL LOCAL PARK | PROSECUTOR | WEEDS | 8:00 AM | 12.50 |
| 9/8/2017 | WASHINGTON SQUARE NEIGHBORHOOD PARK | PROSECUTOR | WEEDS | 10:30 AM | 2.50 |
| 9/11/2017 | BLUEBERRY HILL LOCAL PARK | PROSECUTOR | WEEDS | 8:00 AM | 6.50 |
| 9/11/2017 | UNITY NEIGHBORHOOD PARK | RAZOR PRO | WEEDS | 8:00 AM | 2.00 |
| 9/12/2017 | BROOKSIDE ROSE GARDEN | ABAMECTIN .15 EC | Insects Harmful to Plants | 10:00 AM | 4.00 |
| 9/13/2017 | QUINCE ORCHARD VALLEY NEIGHBORHOOD PARK | PROSECUTOR | WEEDS | 1:00 PM | 2.50 |
| 9/18/2017 | BROOKSIDE GARDENS | SEVIN 50 WP | Insects Harmful to Humans | 1:30 PM | 0.50 |
| 9/21/2017 | SHIRLEY POVICH BASEBALL FIELD | ARENA | Insects Harmful to Plants | 6:30 AM | 1.50 |
| 9/22/2017 | CABIN JOHN ATHLETIC AREA BASEBALL FIELD 2 | ARENA | Insects Harmful to Plants | 6:15 AM | 1.00 |
| 9/22/2017 | GERMANTOWN TOWN CENTER URBAN PARK | PROSECUTOR | WEEDS | 7:30 AM | 3.00 |
| 9/25/2017 | FLOWER HILL LOCAL PARK | PROSECUTOR | WEEDS | 1:30 PM | 0.50 |
| 9/27/2017 | GREEN FARM MAINTENANCE FACILITY PROPERTY | PROSECUTOR | WEEDS | 7:30 AM | 4.50 |

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| 9/27/2017 | RIDGE ROAD RECREATIONAL PARK | SNAPSHOT 2.5 TG | WEEDS | 10:00 AM | 3.00 |
| 9/27/2017 | RIDGE ROAD RECREATIONAL PARK | PROSECUTOR | WEEDS | 10:00 AM | 6.50 |
| 9/28/2017 | DARNESTOWN HERITAGE PARK | PROSECUTOR | WEEDS | 10:30 AM | 2.50 |
| 9/28/2017 | DARNESTOWN LOCAL PARK | PROSECUTOR | WEEDS | 9:00 AM | 2.00 |
| 9/28/2017 | REC CENTER QUINCE ORCHARD VALL NP | PROSECUTOR | WEEDS | 12:30 PM | 2.50 |
| 9/29/2017 | BROOKSIDE GARDENS FRITZ GREENHOUSE | KONTOS | Insects Harmful to Plants | 10:45 AM | 1.50 |
| 10/2/2017 | BROOKSIDE NATURE CENTER PROPERTY | PROSECUTOR | WEEDS | 10:00 AM | 1.50 |
| 10/3/2017 | BROOKSIDE GARDENS CONSERVATORY | MOLT X | Insects Harmful to Plants | 4:00 PM | 6.00 |
| 10/4/2017 | GERMANTOWN TOWN CENTER URBAN PARK | FUSILADE | WEEDS | 7:30 AM | 3.75 |
| 10/5/2017 | GERMANTOWN TOWN CENTER URBAN PARK | SEDGE HAMMER | Weeds: Sedge | 7:30 AM | 3.00 |
| 10/6/2017 | LAYTONIA RECREATIONAL PARK | REVOLVER | WEEDS | 11:00 AM | 1.00 |
| 10/6/2017 | LAYTONIA RECREATIONAL PARK | REVOLVER | WEEDS | 10:00 AM | 1.00 |
| 10/11/2017 | NEEDWOOD MANSION PROPERTY | PROSECUTOR | WEEDS | 12:00 PM | 1.50 |
| 10/11/2017 | ROCK CREEK REGIONAL PARK | PROSECUTOR | WEEDS | 9:15 AM | 1.00 |
| 10/12/2017 | SOUTH GERMANTOWN RECREATIONAL PARK | PROSECUTOR | WEEDS | 12:30 PM | 1.00 |
| 10/20/2017 | GERMANTOWN TOWN CENTER URBAN PARK | PROSECUTOR | WEEDS | 8:00 AM | 2.50 |
| 10/23/2017 | DARNESTOWN LP SOCCER FIELD 2 | DYLOX 6.2% | Insects Harmful to Plants | 8:30 AM | 5.00 |
| 10/25/2017 | WARING STATION LOCAL PARK | PROSECUTOR | WEEDS | 7:30 AM | 1.00 |
| 10/24/2017 | BROOKSIDE GARDENS | RANGER PRO | WEEDS | 11:00 AM | 1.00 |
| 10/26/2017 | BROOKSIDE ROSE GARDEN | CLEARYS 3336 | Fungal Disease | 9:15 AM | 4.00 |