



BEAUTIFICATION COMMISSION AGENDA

CITY OF NOVI

January 10, 2024 | 6:00 PM

Mayor's Conference Room

Novi Civic Center | 45175 Ten Mile Road

(248) 347-0460

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL - Jan Lach, Cindy Lang, Christen Pietraz, Laura Williams, Torry Yu

APPROVAL OF AGENDA

[January](#) 10, 2024 Agenda

MINUTES

[November](#) 8, 2023 Minutes

OLD BUSINESS

[2024](#) Programs/Projects

1. Bee City USA
2. City of Novi Beautification Awards
3. Seasonal Beautification Events

NEW BUSINESS

PUBLIC COMMENT

ADJOURNMENT

NOTICE: People with disabilities needing accommodations for effective participation in this meeting should contact the City Clerk (248) 347-0456 at least two working days in advance of the meeting. An attempt will be made to make reasonable accommodations.



CITY OF NOVI
Beautification Commission
Wednesday, January 10, 2024 6:00 pm
Mayor's Conference Room
Novi Civic Center | 45175 Ten Mile Road

Roll Call – Jan Lach, Cindy Lang, Christen Pietraz, Laura Williams, Torry Yu

Approval of Agenda

Approval of Minutes – November 8, 2023

Chair – Cindy Lang

Secretary – Jan Lach

City Liaison – Kate Oppermann

New Business

- New Commissioners

If appointed/sworn-in following January 8th City Council Meeting

Old Business

- 2024 Programs/Projects
 - Bee City USA
 - City of Novi Beautification Awards
 - Seasonal Beautification Events

Public Comment

Adjournment

Upcoming Meetings – 2/21, 3/13, 4/10, 5/8, 6/12, 7/10, 8/14, 9/11, 10/9, 11/13, 12/11

Beautification Commission Minutes
Wednesday, November 8, 2023
6:00 pm
Novi Civic Center
45175 10 Mile Rd.
Mayor's Conference Room

Call to Order: 6:08 pm

Roll Call: Jan Lach, Cindy Lang, Christen Pietraz, Laura Williams, Torry Yu

Present: Jan Lach, Christen Pietraz, Torry Yu

Absent Excused: Cindy Lang, Laura Williams

Approval of Minutes – October 11, 2023: Moved: Pietraz, Seconded: Yu, Approved 3:0

Approval of Agenda: Moved: Yu, Seconded: Pietraz, Approved 3:0

New Business:

- Community Development Block Grant – Finance Director, Carl Johnson

Finance Director Carl Johnson gave an overview of the Community Development Block Grant (CDBG) process to the Commission including how the money is allocated under County restrictions with 15% of funds being assigned to Public Service activities and 85% assigned to Minor Home Repair. This meeting is to determine what projects to award the 15% for public services, this year the total that can be allocated totals \$18,787.

Having reviewed the recommended applicant projects the Commission determined to continue the longtime City support to HAVEN, Novi Youth Assistance, and Hospitality House.

Motion to recommend City Council to allocate \$8,000 of the CDBG funds to Novi Youth Assistance and split the remainder evenly between HAVEN and Hospitality House (\$6,262 each).

Motion Maker: Pietraz, Seconded: Yu, Approved 3:0

Old Business

2024 Programs/Projects

- Bee City USA

The Commission was given a draft resolution for review and comment. Once Staff Liaison Oppermann is provided with any input the resolution will be sent to Bee City USA for approval and then presented to City Council for adoption. It is anticipated that the Resolution should be ready to go on City Council Agenda either January 22nd or February 4th.

Should the adoption of the Resolution be approved, the Commission will proceed with any further of their planned Bee City projects, including the potential installation of Bee Hives at a park or other

City property. “No Mow May” was also earmarked as a project for 2024.

- **Adopt-a-Park-Sign Program**

The Commission would like materials to be available online to the public for the updated Adopt-a-Park-Sign program to go live in Spring 2024.

- **City of Novi Beautification Awards**

The Commission plans to work further on developing a City of Novi Beautification Awards program in the New Year.

- **Seasonal Beautification Events**

- **Autumnal/ Halloween décor wrap-up**

Liaison Oppermann reviewed the posts from Community Relations made on Instagram, Facebook, and X (FKA Twitter). The response remains very low with only one responder on the Facebook post (a very lovely drone video of fall color at Lakeshore Park).

Public Comment: none

Adjournment: 6:40 pm

Upcoming Meetings: 12/13

Steps for becoming a Bee City USA affiliate				
	Requirement	Action Items	Existing, Immediate, Secondary, or Ongoing Maintenance	Notes
1	Establish a Bee City USA Committee	Formally designate the city of Novi Beautification Commission the acting "Bee City USA" committee body	Existing/Immediate: Establish via resolution to "start" project	Note: must start an application and upload draft resolution for approval before it is passed at City Council
2	Create/enhance pollinator habitat on public land by increasing native plants and providing nest sites.	Assess areas in City-Owned land for additional native plantings beneficial to pollinators as well as nesting sites and hives	Existing: Fuerst Park Monarch Waystation Ongoing: TBD	Work with Cpt. Theisen on initiatives Engage PRCS/Parks Maint./DPW/IS, etc.
3	Reduce use of Pesticides	Creation and adoption of an Integrated Pest Management (IPM) Plan Utilize Xerces Society and EPA resources to develop	Secondary: should be developed in the first few years of affiliation	Will require significant collaboration with Integrated Solutions, DPW, Parks Maintenance, etc.
4	Host Pollinator Awareness Events	Commit to host or co-host at least one pollinator awareness event each year; the focus of these events should be on native pollinators and the steps we can take to conserve them.	Ongoing: One or more event each year	Work with PRCS: Nature. Nurture. Novi, Community Relations, Tollgate etc. *No Mow May
5	Incorporate pollinator-conscious practices into city policies and plans	Planting and Pesticide Reduction policies should be added, if not already present, to City Plan/Code	Secondary: should be developed in the first few years of affiliation	Will require significant collaboration with Integrated Solutions, DPW, Parks Maintenance, etc. *add consideration to awards/Grant regarding natural pest control vs Pesticide use
6	Publicly acknowledge Bee City USA affiliation with signs	Display at least one sign designating their community as a Bee City USA affiliate	Secondary: following approval by Bee City USA and City Council	Determine locations (may need to collaborate with CR, IS, PRCS) and then work with Sign Shop for fabrication and installation
7	Maintain an online presence for Bee City USA activities	Add Section to Beautification Commission page that will share information about Bee City USA activities and a native plant list, list of native plant suppliers, and IPM plan (See 3)	Secondary: Section should be added immediately post-approval, native lists should be developed as high-priority items for Commission in 1st year, IPM over first few years of affiliation	Format as drop-down box on Beautification Commission Webpage (similar to Entryway Grant drop-down)
8	Submit Application and initial fee	Online Application, to be completed by Staff Liaison \$400.00 fee (for population of 50,000 - 99,999)	Immediate: "starts" project	Note: must start an application and upload draft resolution for approval before it is passed at City Council
9	Annual Re-application and renewal fee	Submit a renewal application on an annual basis and report on the previous year's activities to maintain status. Ongoing \$400.00 fee (for population of 50,000 - 99,999)	Ongoing: Once a year (annual) renewal required	

CITY OF NOVI
COUNTY OF OAKLAND, MICHIGAN

RESOLUTION DESIGNATING THE CITY OF NOVI AS A BEE CITY USA AFFILIATE

Minutes of a Meeting of the City Council of the City of Novi, County of Oakland, Michigan, held in the City Hall of said City on _____, _____, at ____ o'clock P.M. Prevailing Eastern Time.

PRESENT: Councilmembers _____

ABSENT: Councilmembers _____

The following preamble and Resolution were offered by Councilmember _____ and supported by Councilmember _____.

WHEREAS, the mission of BEE CITY USA is to galvanize communities to sustain pollinators, responsible for the reproduction of almost 90% of the world's flowering plant species, by providing them with healthy habitat, rich in a variety of native plants and free to nearly free of pesticides; and

WHEREAS, thanks to the more than 3,600 species of native bees in the United States, along with introduced honeybees, we have very diverse dietary choices rich in fruits, nuts, and vegetables; and

WHEREAS, bees and other pollinators have experienced population declines due to a combination of habitat loss, poor nutrition, pesticides (including insecticides, fungicides, and herbicides), parasites, diseases, and climate change; and

WHEREAS, pollinator-friendly communities can benefit local and regional economies through healthier ecosystems, increased vegetable and fruit crop yields, and increased demand for pollinator-friendly plant materials from local growers; and

WHEREAS, ideal pollinator-friendly habitat (A) Is comprised of mostly native wildflowers, grasses, vines, shrubs, and trees blooming in succession throughout the growing season to provide diverse and abundant nectar and pollen, since many wild pollinators prefer or depend on the native plants with which they co-adapted; (B) is free to nearly free of pesticides, as many pesticides can harm pollinators and/or their habitat; (C) comprises undisturbed spaces (leaf and brush piles, unmown fields or field margins, fallen trees and other dead wood) for nesting and overwintering; and (D) provides connectivity between habitat areas to support pollinator movement and resilience; and

WHEREAS, Integrated Pest Management (IPM) is a long-term approach to maintaining healthy landscapes and facilities that minimizes risks to people and the environment by: identifying and removing the causes of pest problems rather than only attacking the symptoms (the pests); employing pests' natural enemies along with cultural, mechanical, and physical controls when prevention is not enough; and using pesticides only when no other method is feasible or effective; and

WHEREAS, supporting pollinators fosters broad-based community engagement in environmental awareness and sustainability; and

WHEREAS, the City of Novi should be certified a BEE CITY USA community because [this is optional section for you to highlight anything your community has already done or plans to do to conserve pollinators]; and

NOW THEREFORE, IT IS THEREFORE RESOLVED that in order to enhance understanding among local government staff and the public about the vital role that pollinators play and what each of us can do to sustain them, the City of Novi chooses to support and encourage healthy pollinator habitat creation and enhancement, resolving as follows:

1. The City of Novi Manager's Office is hereby designated as the BEE CITY USA sponsor.

2. The Executive Assistant of the City Manager is designated as the BEE CITY USA Liaison.
3. Facilitation of the City of Novi's BEE CITY USA program is assigned to the Beautification Commission.
4. The Beautification Commission is authorized to and shall:
 - a. **Celebration:** Host at least one educational event or pollinator habitat planting or restoration each year to showcase the City of Novi's commitment to raising awareness of pollinator conservation and expanding pollinator health and habitat.
 - b. **Publicity & Information:** Install and maintain at least one authorized BEE CITY USA street sign in a prominent location, and create and maintain a webpage on the City of Novi website which includes, at minimum a copy of this resolution and links to the national BEE CITY USA website; contact information for your BEE CITY USA Liaison and Committee; reports of the pollinator-friendly activities the community has accomplished the previous year(s); and your recommended native plant species list and integrated pest management plan (explained below).
 - c. **Habitat:** Develop and implement a program to create or expand pollinator-friendly habitat on public and private land, which includes, but is not limited to, Identifying and inventorying the City of Novi's real property that can be enhanced with pollinator-friendly plantings; creating a recommended locally native plant list to include wildflowers, grasses, vines, shrubs, and trees and a list of local suppliers for those species; and, tracking (by square footage and/or acreage) annual area of pollinator habitat created or enhanced.
 - d. **Pollinator-Friendly Pest Management:** Create and adopt an integrated pest management (IPM) plan designed to prevent pest problems, reduce pesticide use, and expand the use of non-chemical pest management methods.
 - e. **Policy & Plans:** Establish, through the City of Novi, a policy in the [Plan name] Plan of [City's or County's] Comprehensive Plan to acknowledge and commit to the BEE CITY USA designation and review the [Plan name]

Plan and other relevant documents to consider improvements to pest management policies and practices as they relate to pollinator conservation, identify appropriate locations for pollinator-friendly plantings, and consider other appropriate measures.

- f. **Renewal:** After completing the first calendar year as a BEE CITY USA affiliate, each February, apply for renewal of the City of Novi's BEE CITY USA designation following the format provided by BEE CITY USA, including a report of the previous year's BEE CITY USA activities, and paying the renewal fee based on the City of Novi's population.

AYES:

NAYS:

RESOLUTION DECLARED ADOPTED.

Cortney Hanson, City Clerk

CERTIFICATION

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the City Council of the City of Novi, County of Oakland, and State of Michigan, at a regular meeting held this _____ day of _____, 20__, and that public notice o said meeting was given pursuant to and in full compliance with Act No. 267, Public Acts of Michigan, 1976, and that the minutes of said meeting have been kept and made available to the public as required by said Act.

Cortney Hanson, City Clerk
City of Novi

WHERE TO PURCHASE MICHIGAN NATIVE PLANTS

BUY REAL MICHIGAN NATIVE PLANTS FROM LOCAL RESOURCES

The City of Novi Beautification Commission has researched the following list of native plant suppliers in Michigan, no more than 1½ hours from Novi . Please be aware that the City of Novi does not endorse or promote any business entity which produces or markets native plants or seeds, or which provides landscape design or installation services. The list of local vendors is provided for informational purposes only.

If you are a nearby vendor that carries Michigan native plants for purchase to the general public or if you know of another entity carrying such please contact the City Managers office to be added to the list.

Creating Sustainable Landscapes, LLC

24291 Homestead Ct
Novi, Michigan 48374
(734) 717-8000

Feral Floral, LLC

1509 Charlton Avenue
Ann Arbor, Michigan 48198
(734) 224-2080
matt@fera-flora.com

Designs by Nature

9874 Chadwick
Laingsburg, Michigan 48848
(517) 230-2923
info@designsbynaturellc.com

Go Grow Plant Natives, LLC

2230 Valley Hwy
Charlotte, Michigan
(517) 930-0354

Detroit Wildflower Nursery

27220 Bramwell Street
Farmington Hills, Michigan 48334
(567) 393-1902
detroitwildflowernursery@gmail.com

Keep Growing Detroit

3100 Orleans Street
Detroit, Michigan 48207
(315) 794-9565

East Michigan Native Plants, LLC

5320 S. New Lothrop Rd
Durand, Michigan 48429
(810) 333-7501
info@EastMichNatives.com

Michigan Wildflower Farm

11770 Cutler Road
Portland, Michigan 48875
(517) 647-6010
michiganwildflowerfarm@gmail.com

Native Restoration Solutions, LLC

19185 Bush Road
Chelsea, Michigan 48118
(734) 589-9704

Michiganese Natives

8820 North Lilley Road
Plymouth, MI 48170
(734) 330-7175
michnatives@yahoo.com

Wildtype Native Plant Nursery, Ltd

900 N Every Rd
Mason, Michigan 48854-9306
(517) 244-1140
info@wildtypeplants.com

Ypsilanti Native Plant Nursery, LLC

Washtenaw County, Michigan
info@ypsilantinativeplantnursery.com

NURSERIES

Ray Wiegand's Nursery
47747 Romeo Plank Rd., Macomb, MI
48044
wiegandsnursery.com

Foglers Farms
3979 N. Rochester Rd., Rochester, MI
48306
foglersgreenhouse.com

Bordine's
Rochester Hills, Brighton, Grand Blanc,
Clarkston
bordines.com

[Barson's Greenhouse | Westland
Michigan \(barsons.com\)](http://barsons.com)

[Telly's Greenhouse & Garden Center
\(tellys.com\)](http://tellys.com)

[Detroit Abloom](#)

[Purkey's Nursery – Flushing](#)

[Wescroft Gardens – Grosse Ile](#)

[Windy Rock – Manchester](#)

[Willow Greenhouse – Northville](#)

[Wild Cherry Farm – Stockbridge](#)

City of Novi
Facilities & Parks Management
Integrated Pest Management Policy

The Natural Resources and Environmental Protection Act, Act 451, Part 83, Pesticide Control and Regulation 637, Pesticide Use has certain requirements when making a pesticide application in schools, day care centers, public buildings, or health care facilities. Those requirements include, but are not limited to:

- A verifiable Integrated Pest Management (IPM) program shall be in place prior to making a pesticide application in schools, day care centers, public buildings, or health care facilities. Each building that is treated with a pesticide must have a verifiable IPM program. Note that the Michigan Department of Agriculture and Rural Development (MDARD) interprets the Act to require that a verifiable copy of the IPM program be located at the school, day care center, public building, or health care facility, whether a physical or electronic copy. The idea is that it is available for use and review by staff or MDARD as needed or requested. All pesticide applicators must be IPM trained. Training can be completed via two methods:
 - a) Using the MDARD self-study manual with the training verified by the applicator's immediate supervisor sending a signed form to MDARD.
 - b) Through an MDARD-approved training program. MDARD will issue a certificate of IPM training after receiving verification of training.
- All pesticide applicators employed by a firm required to be licensed must hold a valid commercial pesticide applicator certification credential. Facility employees may be required to be certified too, depending on the type of pesticide applied.

Introduction

Integrated Pest Management (IPM) is a pest management system that utilizes all suitable techniques to prevent pests from reaching unacceptable levels or to reduce an existing population to an acceptable level. An emphasis is placed on manipulation of the pest environment to the point that it will not support a pest population.

Two Michigan Laws, the Natural Resource and Environmental Protection Act, Public Act 451 of 1994, Part 83, Pesticide Control and Regulation 637, Pesticide Use require that certain conditions must be met prior to making a pesticide application (other than sanitizers, germicides, disinfectants, or anti-microbial agents) in schools, day care facilities, public buildings, or health care facilities. These conditions include:

1. The pesticide applicator must have been trained under an approved IPM program.
2. There must be a verifiable IPM program in place for the building.

ONLY QUALIFIED INDIVIDUALS MAY APPLY PESTICIDES AT THIS FACILITY OR ON THE GROUNDS.

This IPM program is intended to help reduce the incidence of pest infestation and to reduce the need for chemical pesticide applications. It is intended to satisfy the regulatory requirement of having an IPM

program in place for the building. Note: in a situation where there are multiple buildings, the program will include a site description and evaluation for EACH building. In accordance with The Natural Resources and Environmental Protection Act, Act 451 of 1994, Part 83, Section 8316(1), a person shall not apply a pesticide in a school or day care center unless the school or day care center has an integrated pest management program in place for the building. MDARD interprets the Act to require that a verifiable copy of the IPM program be located at the school, day care center, public building, or health care facility, whether a physical or electronic copy. The program must be available for use and review by facility staff, parents/guardians, or MDARD as needed or requested.

Administration

- **Scope and Application:** This IPM policy applies to all pest control activities and pesticide use in public buildings and related facilities including grounds. Recipients of this policy include administration and staff, or any employees monitoring or treating pest problems including any contractors who monitor and/or treat pest problems. Each recipient is required to follow this policy.
- **Purpose:** The goal of this IPM policy is to provide a safe and healthy environment that is relatively pest-free with the least possible use of pesticides. To achieve this goal, it is the policy of the City to develop, implement, and maintain an IPM program for the control of pests and minimize pesticide exposure to residents, visitors, and staff. This policy is consistent with the State of Michigan's Act 451, Part 83 that encourages public facilities to adopt an IPM strategy. Sanitizers, germicides, disinfectants, or antimicrobials are exempt from the IPM /notification requirements. This policy adheres to the principles of IPM and is conducted in accordance with all federal and state laws and regulations and local ordinances.

Pests are controlled to protect the health and safety of visitors and staff, to maintain a productive environment, and to maintain the integrity of City owned buildings and grounds. IPM is a pest management system that uses all suitable techniques in a total management system to prevent pests from reaching unacceptable levels or to reduce existing pest populations to acceptable levels while balancing the risk of the pest with the potential risk of the management technique.

- **Development of IPM Program:** The City's IPM program written under this policy will state the goals regarding the management of pests and the use of pesticides. It will reflect Novi's site-specific needs and includes the following elements as required by law:
 - a. Site evaluation, including site description, inspection, and monitoring and the concept of threshold levels.
 - b. Consideration of the relationship between pest biology and pest management methods.
 - c. Consideration of all available pest management methods, including population reduction techniques, such as mechanical, biological, and chemical techniques and pest prevention techniques, such as habitat modification.
 - d. Pest control methods selection, including consideration of the impact on human health, especially for children, and the environment.
 - e. Continual evaluation of the IPM program.

• **Responsibilities:** The IPM Coordinator, or their designee shall:

- a. Develop guidelines/procedures for the development of this policy.
- b. Ensure that an IPM Program is developed and is compliant with Michigan law, including the required plan components and recordkeeping.
- c. Provide information to administration and staff about potential pest problems and IPM methods used to achieve the pest management objectives.
- d. Ensure that pesticide applicators who apply pesticides inside the facility have received the required IPM training.
- e. Ensure that all pesticide applicators follow state regulations, including licensing requirements, applicator certification/registration requirements, label requirements, and that they comply with the requirements of this policy and the IPM Program.
- f. Ensure that proper notifications occur, including the annual notification and any advance notice is provided before a scheduled pesticide treatment occurs.
- g. Ensure that reentry to a pesticide-treated area does not occur less than 4 hours after application, unless the product label requires a longer reentry period, and ensure that outdoor ornamental and turf applications of liquid spray pesticides are not made on public grounds within 100 feet of an occupied building during normal hours, or when persons are using the treatment area.

Regulations

Laws concerning pesticide use in schools, day care centers, public buildings, and medical care facilities can be found in:

- Public Act 451 of 1994, Part 83, Pesticide Control
- Regulation 636, Pesticide Applicators
- Regulation 637, Pesticide Use

These laws can be downloaded from the MDARD's website at www.Michigan.gov/mdardpest. Type the appropriate Act or Regulation into the search engine and follow the links to get a copy or contact MDARD at 800-292-3939.

Communication

Proper implementation of an IPM program requires careful administration. It is important for the building manager and administrative staff to communicate with the pesticide applicator(s) to ensure full implementation of the program. To meet this goal, recordkeeping data will be used as part of the communication process. In addition, the facility may use a sighting log.

Applicator Credentials

A person who applies a pesticide (other than a sanitizer, germicide, disinfectant, or antimicrobial agent) in schools, public buildings or health care facilities must have completed IPM training using an MDARD-approved training. Approved IPM training includes use of MDARD's self-study manual and/or attendance

at an MDARD-approved IPM training session. IPM training credentials do not expire. The IPM training manual is available online at www.Michigan.gov/IPM.

Outside contractors who conduct pesticide applications, either indoors or outdoors, at this facility, other than use of a sanitizer, germicide, disinfectant, or anti-microbial agent, must be **licensed** and **certified**. Business license information can be found at www.Michigan.gov/MDARDPABL to verify that the commercial applicator holds a valid pesticide applicator business license, or you can contact MDARD at 800-292-3939 to verify a license.

Persons who are employees of this facility and who have obtained their IPM training certificate may use a general-use ready-to-use product (see definitions section) in compliance with State of Michigan regulations without being certified. However, whenever possible, pesticide applications should be conducted by the person responsible for pest control in this facility, or by their designee, or by a licensed and certified professional applicator.

Persons who use a pesticide product at this facility which is NOT ready-to-use, other than a sanitizer, germicide, disinfectant, or antimicrobial agent, must be a commercially certified pesticide applicator. Situations where the applicator must be commercially certified include:

- When pesticides are mixed and applied from a compressed air sprayer such as a hand can or backpack sprayer.
- When pesticides such as weed-and-feed are put into a granular spreader, such as a lawn weed-and-feed spreader, for application.

Pesticide Applications and Personal Protective Equipment

Pesticide applications for non-emergency situations shall only be conducted by an applicator who has obtained their IPM training certificate and shall be made in accordance with this IPM program. Applications must be made in a manner that is consistent with the pesticide label directions, as required by State and Federal law. The applicator shall use personal protective equipment that is appropriate relative to the potential exposure and as required by the pesticide label. Staff who apply pesticides at this facility, other than general-use ready-to-use pesticides are commercial pesticide applicators. Minimum personal protective equipment for commercial pesticide applicators includes long pants, protective footwear, gloves that are impervious to the pesticide being applied (when contact with the hands is likely), and long-sleeve clothing. Shortsleeve clothing may be worn if soap and water is immediately available, and a long-sleeved shirt is not required by the pesticide label.

Pesticide Application Records

Records shall be maintained on forms provided by the building manager or by the licensed and certified professional pesticide applicator. Records shall contain at least the following information:

1. Site address and the location of the areas or room(s) where pesticides are applied.
2. The date of service.
3. The target pest(s).
4. An inspection report, including the number of pests found or reported (this information may be found in the sighting log), and the conditions conducive to pest infestation.

5. Pest management recommendations made by the applicator, such as structural or habitat modification.
6. Structural or habitat modifications or other measures initiated as a part of the IPM program.
7. The brand name, EPA registration number, concentration and total amount of pesticide(s) used.
8. The name of the applicator.
9. The method and rate of application.

Posting

When making an application of pesticides a commercial applicator shall place the appropriate signs or markers at the primary point(s) of entry.

Outdoor Turf / Ornamental Applications

Postings shall remain at least 24 hours. Postings will comply with Regulation 637, Rule 11(2). Signs shall be at least 4" high by 5" wide and shall depict a picture of an adult and child walking a dog on a leash. The illustration shall depict, using a diagonal line across the circle, that this action is prohibited. See the rule for additional details on sign requirements. It will look like the sign shown below, with the sign having the same information on both sides of the sign.



Public Buildings or Health Care Facilities:

When making a broadcast, foliar, or space insecticide application to a public building or health care facility, a commercial applicator must post, or instruct the building manager to post, an appropriate sign(s). Postings shall remain for at least 48 hours after the most recent application of insecticide. It is the responsibility of the building manager (or their designated representative) to ensure that the appropriate signs are posted.

Posting signs must comply with Regulation 637, Rule 11(4). Signs shall be at least 2 ½ inches square and shall depict a house surrounded by a cloud. The date shall be placed on the sign. See the rule for additional details on sign requirements. Note: Treatments using a general-use ready-to-use product are exempt from the posting requirement.

IPM Program Evaluation

The IPM program shall be evaluated periodically to determine the program's effectiveness and the need for modification.

Pest Management Strategy & Pest Biology

Strategy

This IPM Program involves the use of various methods or strategies to control pests including sanitation, exclusion, reservoir reduction, harborage reduction and population reduction. These terms are clarified below:

1. Sanitation refers to a reduction of the food and water resources that are attractive to pests. By minimizing the resource of food and water available to the pests, we can greatly reduce the number of pests without the application of pesticides.
2. Exclusion refers to the use of caulk, mortar, screens, or similar materials that can reduce or eliminate the entry of pests into the building.
3. Reservoir reduction refers to techniques that reduce a feature that is attractive to pests. For example, a dumpster could be moved a distance away from the building so that pests attracted to the dumpster are not brought close to the building.
4. Harborage reduction refers to elimination of habitat that provides a home (or harborage) to pests. For example, cleaning old equipment from a storage room will reduce harborage for mice. Mowing grass around a building will reduce the cover and harborage for pests.
5. Population reduction refers to measures such as mechanical traps, use of repellents, or use of toxicants to drive away or kill pests. Chemical or biological pesticides may be utilized to reduce pest populations.

Thresholds

IPM programs utilize the concept of threshold levels for pests. The tolerance for pests may vary for different facilities, or for distinct parts of the same facility. For example, a school may decide not to apply pesticides to control a small ant infestation in a closet but may have a low tolerance for ants in a classroom or lunchroom. The tolerance for ants in a hospital office may be a few, while the tolerance for ants in patient's rooms may be zero. Thresholds are established by the user of the IPM Program. Exact numbers are not required to be identified for these thresholds, but the IPM Program should convey the idea of threshold levels to facility staff and users.

Impact on Human Health & Environment

When considering pest control methods, the building manager shall consider the impact on human health and the environment. The pest control method shall consider the effectiveness of the treatment while striving for the lowest level of adverse impacts on human health and the environment. In the interest of preserving food, pollen, and nectar sources for endangered or threatened species, measures should be maintained to prevent widespread destruction of those sources. Some maintenance, landscaping, mowing, weeding and extensive use of toxic pesticides currently represent further degradation of vital or endangered species and therefore should be minimized or eliminated.

Measures should be taken to preserve endangered habitat and/or work around them where possible or practical, especially in playgrounds, waterways, and dog parks, except where required in City parks and public spaces that are maintained for aesthetic reasons, such as frequently managed turf areas, tree wells, ornamental plant beds and edges.

Pest Biology Information

The method used for pest control shall take into consideration the relationship between pest biology and pest management methods, giving due consideration to the impact on human health and the environment. Chemical controls are sometimes necessary. This program will attempt to use products that are less toxic to human health and the environment, while remaining effective in control of the target pest(s).

Some common pests and pest control measures are described below. **It is important to identify the pest prior to determining a method of control.** For example, pest control measures to control one type of cockroach or ant may be ineffective for another species of cockroach or ant. Some actions taken for ant control can even promote the spread of the ants if the ant species is not properly identified. Pest identification should be confirmed by a reliable source, such as use of keys in pest identification manuals (found on the Internet or in reference books), by consultation with a professional pesticide applicator, or by using a service such as the Michigan State University Extension Service.

information can be found using pest identification books, the Internet, referencing the MSU General Pest Management Certification Study Manual, or consulting a pest professional.

Use of Pesticides

All pesticides available for use within City grounds must first be placed upon an IPM Coordinator approved list after examining the characteristics of the individual products and whether it would be an appropriate addition within this Policy.

Principle: Utilize non-chemical management options whenever feasible.

Goal: To implement a phased in approach that will reduce the use of synthetic pesticides in parks and other City properties to the extent that acceptable conditioning levels can be maintained.

The expectation is that volunteers will be engaged to participate whenever possible.

Synthetic chemical pesticide applications are used only after other IPM strategies have first been explored with particular care given to sensitive areas such as playgrounds, waterways, and dog parks.

The City recognizes that circumstances may arise in which cultural, biological, and physical IPM practices may not be practical in which case the IPM Coordinator can approve the immediate use of a synthetic pesticide to achieve satisfactory levels of control.

The use of occasional wasp or hornet sprays by employees or contractors who may otherwise be at risk of insect stings shall not be covered by this section, except that reports of such use shall be made to the IPM Coordinator.

It is important that pesticide actions undertaken with the guidance of this Policy should take great care to limit such actions in consideration of vital species such as common pollinators and non-target (not intended) species. Pollinators, being essential to the health of environments and agricultural interests, should warrant special care and be encouraged and invited into our community.

Site Specific Needs – Facilities & Parks

Customer & Residential Areas

- All areas will be inspected each month. Although these areas do not usually involve food (unless packaged), they are important because of the intensive people traffic in these areas.
- Packaged goods, such as candy, can through deliveries cause pest problems. Depending on the amount and location of these products, preventive treatment along with comprehensive inspections to ensure that cockroaches and ants do not become a problem may be performed.

Storage Rooms & Warehouses

- All storage rooms and warehouses (if applicable) will be inspected, and pest activity monitoring Report Cards will be utilized to determine if and what kind of treatment may be necessary.
- Due to the type and proximity of other businesses, rodent problems (particularly mice) may be a potential hazard. We will need to address this threat through repairs to holes and cracks that would allow rodents and other pests access to the storage areas.
- As we identify pest activity we will utilize the appropriate treatment, whether it is traps, baits, or chemical application to eliminate the problem.

Restrooms

- All restroom facilities will be inspected each month.
- All pest problems discovered during scheduled inspections will be immediately treated, and the technician may schedule a 7-day follow-up if needed.
- Due to the heat and humidity present in these areas, the technician may execute a preventive treatment program. Ground level restrooms and the more publicly used facilities are likely candidates for preventative action.
- Special care will be given to inform administration of needed repairs, (i.e., cracked tile, leaking pipes) that could contribute to a pest problem and, of course, be unsightly for users.
- Where applicable, we may use industrial caulk and pest exclusion foam to seal potential entry and harborage points around pipes, stalls, mirrors, and other fixtures.

Office & Employee Areas

- All offices will be inspected, and the appropriate treatments rendered during each visit.
- All pest problems discovered during scheduled inspections will be immediately and appropriately treated. Depending on the size and type of problem involved, the technician may wish to schedule a 7-day follow-up to reinspect the area or inspect the areas on the next scheduled monthly visit.
- Employee breakrooms, coffee areas, and lounges where food products are introduced on a continuous basis will receive preventive treatment during the regular office inspection. These are areas most likely to have problems within tile private offices.

Exterior Perimeter

- One of the best ways to prevent pest problems inside is to prevent them from coming from the outside. Long-term residuals for insect control outside and rodent control stations (if applicable) in critical areas will be applied on the perimeter of the structure.

Athletic Fields and Common Areas

- Grass is to be mowed on a routine basis with grass clippings mulched in.
- Fertilizer may be applied with controlled release synthetic or organic options.
- Irrigation applications must be fully functioning and setup with proper time and programming.

Landscaped Areas

- Mulch routinely with woodchips, bark, or other appropriate materials.
- Borders and edges must be mowed or trimmed where possible.
- Fertilizer may be applied in these areas with controlled release synthetic or organic fertilizer.
- Any irrigation in these areas must be functional and on a proper time cycle.

Right of Ways

- Any downed branches or limbs must be removed from maintained areas.
- Where possible, the area must be mowed, and string trimmed.