City of Pickering

Pickering, ON

Mayor Kevin Ashe

Pledge Summary

Over the past several years, Pickering has developed and implemented a number of initiatives to support the Monarch butterfly and other important pollinators such as birds, bats and bees. Through participation in the Mayors' Monarch Pledge, Pickering will continue to help create Monarch habitat, raise community awareness about the importance of these species, and educate residents on roles they can play. Through collaboration we also endeavor to encourage other Canadian cities to do the same.

Action Items Committed for 2022

Communications and Convening

- Issue a proclamation to raise awareness about the decline of the monarch butterfly and the species' need for habitat. This proclamation must incorporate a focus on monarch conservation.
- Launch or maintain a public communication effort to encourage residents to plant monarch gardens at their homes or in their neighborhoods. (If you have community members who speak a language other than English, we encourage you to also communicate in that language; Champion Pledges must communicate in that language.)
- Engage with community garden groups and urge them to plant native milkweeds and nectar-producing plants.
- Engage with gardening leaders and partners (e.g., Master Naturalists, Master Gardeners, Nature Centers, Native Plant Society Chapters , other long-standing and influential community leaders) to support monarch butterfly conservation.
- Engage with developers, planners, landscape architects, and other community leaders and organizers engaged in planning processes to identify opportunities to create monarch habitat.
- Create a community art project to enhance and promote monarch and pollinator conservation as well as cultural awareness and recognition.

Program and Demonstration Gardens

- Host or support a native seed or plant sale, giveaway or swap.
- Convert vacant lots to monarch habitat.
- Launch or maintain an outdoor education program(s) (e.g., at schools, after-school programs, community centers and groups) that builds awareness and creates habitat by engaging students, educators, and the community in planting native milkweed and pollinator-friendly native nectar plants (i.e., National Wildlife Federation's Schoolyard Habitats program and Monarch Mission curriculum).

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- Host or support a monarch neighborhood challenge to engage neighborhoods and homeowners' associations within the community to increase awareness, support community unity around a common mission, and/or create habitat for the monarch butterfly.
- Initiate or support community science (or citizen science) efforts that help monitor monarch migration and health.
- Add or maintain native milkweed and nectar-producing plants in gardens in the community.
- Launch, expand, or continue an invasive species removal program that will support the re-establishment of native habitat for monarch butterflies and other pollinators.
- Display educational signage at monarch gardens and pollinator habitat.
- Facilitate or support a milkweed seed collection and propagation effort.
- Plant or maintain a monarch and pollinator-friendly demonstration garden at City Hall or another prominent or culturally significant community location.

Systems Change

- Increase the percentage of native plants, shrubs and trees that must be used in city landscaping ordinances and encourage use of milkweed, where appropriate.
- Reduce or eliminate the use of herbicides, pesticides, or other chemicals that are harmful to monarchs and pollinators and urban wildlife.

Past Pledge Archive

Mayor Name	Program Year	Pledge Date	Achievement
Mayor Kevin Ashe	2026	3/27/2026	
Mayor Kevin Ashe	2025	3/28/2025	Leadership Circle
Mayor Kevin Ashe	2024	3/28/2024	Leadership Circle
Mayor Kevin Ashe	2023	3/30/2023	Leadership Circle
Mayor Kevin Ashe	2022	2/10/2022	Leadership Circle
Mayor David Ryan	2021	3/9/2021	Leadership Circle

Action Items

In total, how many individuals have been reached through the Mayors' Monarch Pledge in your community this year (Jan-Dec)? Please limit your answer to only the number of individuals reached in the answer field below (Enter WHOLE NUMBERS only.).

21227

Of the total number of individuals engaged, how many youth (0-18) were reached through the Mayors' Monarch Pledge in your community this year (Jan. - Dec.)? If none, please write 0." (Enter WHOLE NUMBERS only.)

N/A

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In total, how many acres of monarch habitat have been created in your city in the last 12 months? Please limit your answer to only the number of acres in the answer field below (e.g., 3). Note: 1 acre = roughly the size of a football field.

0.01

Where was the habitat created this year? Example locations may include residences, schools, places of worship, rights-of-way, roadsides, community gardens, shared public spaces, and more.

We added pollinator-friendly plants to our existing park pollinator gardens and resident's backyards as well as converted an existing garden to be pollinator supportive.

How are you leveraging the Mayors' Monarch Pledge program to engage marginalized communities, such as low-income communities or communities of color?

N/A

What was your community's motivation for taking and continuing to work on the Mayors' Monarch Pledge?

Over the past several years, Pickering has developed and implemented a number of initiatives to assist not only the monarch butterfly, but also other pollinators. By participating in the Mayors' Monarch Pledge, we want to help these species, while also encouraging other Canadian cities to do the same.

What resources have been most helpful to you thus far and what new resources would you like to see to help meet your goals? What resources would be useful to help expand equitable engagement in community processes and access to high-quality, usable nature?

The news/updates we receive from the Mayors' Monarch Pledge are very helpful as it keeps us updated on the current trends in monarch conservation and what other municipalities are doing. We would like to learn about community-led invasive species control to help the survival of native, pollinator-friendly plants.

What else should we know about your monarch butterfly conservation efforts over the last year?

It is difficult to quantify pollinator habitat created this year since we work on various programs with multiple partners (Conservation Authorities, School Boards, Residents, Community Groups, etc.) and not all land is City owned. We also partnered with Elexicon Energy to complete many of our pollinator initiatives this year. As part of this project, the City was able to coordinate several planting events. Community groups and volunteers helped the City to plant over 380 nectar-producing plants in some of Pickering's pollinator gardens (upper and lower gardens at Ernie L. Stroud Park, Rick Hull Memorial Park, Valley Plentiful garden, and Autumn Crescent garden). Pollinator gardens add diversity to the City's landscape, provide a food source, and enhance the natural habitat for pollinators. Elexicon also funded an educational exhibit at the Pickering Central Library where visitors

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could watch and learn about the lifecycle of Painted Lady butterflies firsthand. In the fall, staff from the City and Elexicon released the newly emerged Painted Lady butterflies into the pollinator garden at Esplanade Park, which is cared for by the Pickering Horticultural Society.

Selected Action Items

Issue a proclamation to raise awareness about the decline of the monarch butterfly and the species' need for habitat. This proclamation must incorporate a focus on monarch conservation.

Date of Proclamation:

Title of Proclamation (i.e. – Monarch Day or Pollinator Week):

Create a community art project to enhance and promote monarch and pollinator conservation as well as cultural awareness and recognition.

What community organizations, groups, or leaders (if any) did you partner with or engage to host the event?

How many individuals were engaged in this effort? Please limit your answer to only the number of individuals reached in the answer field (Enter WHOLE NUMBERS only, e.g. 50).

Please describe the community art project that was implemented in your community and how it contributed to cultural awareness and recognition (e.g., number of art installations, type of art).

Host or support a monarch neighborhood challenge to engage neighborhoods and homeowners' associations within the community to increase awareness, support community unity around a common mission, and/or create habitat for the monarch butterfly.

How many estimated individuals participated in your challenge? Please limit your answer to only the number of individuals reached in the answer field (Enter WHOLE NUMBERS only, e.g. 100).

What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

When did this challenge take place?

What is the total acreage of habitat created? Please limit your answer to only the number of acres in the answer field below (e.g., 2 acres). For reference, 1 acre =

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43,560 square feet and is about the size of a football field without the end zones. Note: 1 acre = roughly the size of a football field.

Please describe your challenge and the results.

Initiate or support community science (or citizen science) efforts that help monitor monarch migration and health.

How many estimated individuals participated in your community science effort? Please limit your answer to only the number of individuals reached in the answer field (Enter WHOLE NUMBERS only, e.g. 150).

What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

Please describe the community science program that you supported or initiated. Provide a link to any relevant programs, if possible.

Display educational signage at monarch gardens and pollinator habitat.

How many garden signs are being displayed and where are they located? (Enter WHOLE NUMBERS only)

Please describe the educational information on the sign(s), and provide any links to externally purchased sign(s).

Increase the percentage of native plants, shrubs and trees that must be used in city landscaping ordinances and encourage use of milkweed, where appropriate.

What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

What is the status of this action? Please limit your answer to either "complete" or "in progress" in the answer field below.

If this action is Complete, please include the date it was completed and share a 1-2 sentence description. Please include a copy of the policy by uploading or linking below.

If this action is In Progress, please describe your progress and a target date when you plan to complete action.

Reduce or eliminate the use of herbicides, pesticides, or other chemicals that are harmful to monarchs and pollinators and urban wildlife.

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What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

What is the status of this action? Please limit your answer to either "complete" or "in progress" in the answer field below.

If this action is Complete, please include the date it was completed and share a 1-2 sentence description. Please include a copy of the policy by uploading or linking below.

If this action is In Progress, please describe your progress and a target date when you plan to complete action.

Convert vacant lots to monarch habitat.

Where is the monarch habitat located? (Please provide an address, if possible)

Near Pickering City Hall

What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

N/A

How many lots were converted to monarch habitat? Please limit your answer to only the number of lots in the answer field below (e.g., 3)

1

Please describe when the lots were converted to monarch habitat and the planned maintenance schedule.

The City converted a raise garden bed near City hall into a pollinator garden with native plants to help attract pollinators. This prominent location will hopefully help increase awareness and interest in pollinator gardens and the support of pollinator populations. The garden will be watered and maintained by City staff.

Launch or maintain a public communication effort to encourage residents to plant monarch gardens at their homes or in their neighborhoods. (If you have community members who speak a language other than English, we encourage you to also communicate in that language; Champion Pledges must communicate in that language.)

Upload any relevant documents, images, or other attachments related to your effort on this action.

Pollinator Week.JPG

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Upload any relevant documents, images, or other attachments related to your effort on this action.

World Bee Day post.JPG

Please describe the methods of public communication below (e.g., printed materials, social media, print media).

We continuously promote sustainable related activities on the City's website (Pollinator Action) and social media (i.e. Facebook, Twitter, Instagram). For example, during Earth Month the City hosted a children's webinar on the Importance of Pollinators, which focused on the important role pollinators play in a healthy and sustainable food system. We also completed social media posts for national campaigns such as Pollinator Week, and World Bee Day. The City also issued news releases, and eNewsletters for various pollinator initiatives and projects. To celebrate and bring awareness during Flight of the Monarch Day, the City provided educational children's activities during its Cultural Fusion Day celebrations to help increase education and awareness around pollinators.

Engage with gardening leaders and partners (e.g., Master Naturalists, Master Gardeners, Nature Centers, Native Plant Society Chapters , other long-standing and influential community leaders) to support monarch butterfly conservation.

How many community organizations and groups participated? Please list them below.

Durham Master Gardeners

Please describe the extent of engagement with these groups and their monarch butterfly conservation efforts.

We work with expert horticulturalists from Durham Master Gardeners to host a series of educational workshops including the importance of pollinators, and planting native, pollinator plants to support these populations.

Host or support a native seed or plant sale, giveaway or swap.

How many plants were sold and/or given away at your event? (Enter WHOLE NUMBERS only)

300

How many people attended your event? (Enter WHOLE NUMBERS only)

300

What community organizations, groups, or leaders (if any) did you partner with or engage to host the event?

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As part of Take Pride in Pickering Day, the City of Pickering, in partnership with Ontario Power Generation, Toronto and Region Conservation Authority, and Environmental Stewardship Pickering hosted a free native plant giveaway by handing out 300 nannyberry shrubs for residents to plant in their backyard. Along with the shrubs an information package was provided on the benefit of the species and how to plant it. This species provides a useful early nectar and pollen resource in April for early-emerging pollinators. This year the City provided over 200 free pollinator seed packages as giveaways to visitors of the Pickering Farmers' Market. The packages included a variety of native, pollinator seeds and visitors learned about the importance of including these native species in their gardens.

Engage with developers, planners, landscape architects, and other community leaders and organizers engaged in planning processes to identify opportunities to create monarch habitat.

Please describe the extent of engagement with these groups and associated opportunities to create monarch habitat.

During review of development proposals, the City makes recommendation to incorporate native pollinator-friendly plant material. Council recently adopted Integrated Sustainable Design Standards (ISDS), which includes mandatory and optional performance requirements for all new developments. These standards were developed in collaboration with staff, the development community and public. One of the ISDS performance criteria reflect the requirement to plant 50% native plant species, including trees, shrubs and herbaceous plants preferably drought-tolerant and pollinator friendly outside of the buffer area and within the development limits. The ISDS will come into effect on January 1, 2023.

Add or maintain native milkweed and nectar-producing plants in gardens in the community.

What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

Elexicon Energy, Dunbarton High School, SoRo Good Neighbours, Valley Plentiful, Altona Forest Committee, Toronto Conservation Youth Corps

How many plants were planted? (Enter WHOLE NUMBERS only)

380

Please describe your effort in completing this action.

As part of the City's pollinator project funded by Elexicon Energy, the City was able to coordinate several planting events. Community groups and volunteers helped the City to plant over 380 nectar-producing plants in some of Pickering's pollinator gardens (upper and lower gardens at Ernie L. Stroud Park, Rick Hull Memorial Park, Valley Plentiful garden, and Autumn Crescent garden). Volunteers from community gardens and the Toronto Conservation Youth Corp helped plants and maintain these gardens. The pollinator

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gardens help add diversity to the City's landscape, provide a food source, and enhance the natural habitat for pollinators.

Engage with community garden groups and urge them to plant native milkweeds and nectar-producing plants.

Upload any relevant documents, images, or other attachments related to your effort on this action.

Pollinator Planting_2.jpg

Upload any relevant documents, images, or other attachments related to your effort on this action.

Pollinator Planting_1.jpg

Please describe the groups you engaged with and how you engaged with these groups below.

This year the City worked with various community garden groups to identify types of pollinator plants that should be added to the garden to help them thrive after a dry, harsh summer. Through funding received from a local company, the City provide 380 native plants to 5 community garden groups across Pickering. The planting helped encourage groups to plant more native, pollinator-friendly plants within their gardens.

Facilitate or support a milkweed seed collection and propagation effort.

How many people attended your event? (Enter WHOLE NUMBERS only)

30

What species were collected or propagated?

Butterfly milkweed, swamp milkweed

What community organizations, groups, or leaders (if any) did you partner with or engage to host the event?

Dunbarton High School

Please describe the milkweed seed collection and propagation effort that you hosted.

The City also collected a variety of milkweed seeds from its existing pollinator gardens to supply a local high school with seeds to support their school pollinator garden.

Launch, expand, or continue an invasive species removal program that will support the re-establishment of native habitat for monarch butterflies

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and other pollinators.

What is the total acreage of land treated to remove invasive plants? Note: 1 acre = roughly the size of a football field.

0.1

Please describe the extent of revisions or maintenance to invasive species removal programs, as well as the practices or techniques used to remove the invasive plants.

As in previous years, the City worked with the Toronto and Region Conservation Authority Youth Corps volunteers to pull invasive species from our City parks and gardens, which were then safely disposed by the City's Operation's Department.

Plant or maintain a monarch and pollinator-friendly demonstration garden at City Hall or another prominent or culturally significant community location.

Upload any relevant documents, images, or other attachments related to your effort on this action.

Pollinator Garden.jpg

Where is the demonstration garden located and how does this location relate to the cultural significance of the monarch (if relevant)? (Please provide an address or coordinates, if possible)

The City converted a raise garden bed near City hall into a pollinator garden with native plants to help attract pollinators. This prominent location will hopefully help increase awareness and interest in pollinator gardens and the support of pollinator populations. The garden will be watered and maintained by City staff.

What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

Elexicon Energy

What is the size of the demonstration garden (in acres)? Please limit your answer to only the number of acres in the answer field below (e.g., 0.5 acres). For reference, 1 acre = 43,560 square feet and is about the size of a football field without the end zones. Note: 1 acre = roughly the size of a football field.

0.01

Launch or maintain an outdoor education program(s) (e.g., at schools, after-school programs, community centers and groups) that builds awareness and creates habitat by engaging students, educators, and the

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community in planting native milkweed and pollinator-friendly native nectar plants (i.e., National Wildlife Federation's Schoolyard Habitats program and Monarch Mission curriculum).

What program was launched or maintained to complete this effort? If you are involved with another National Wildlife Federation program, please mention that below. (Please include a link to the program, if possible)

Pickering Environmental Schools Grant

How many schools, community groups, leaders, or centers were engaged in this effort? How many of these collaborations and partnerships are "new"? (Enter WHOLE NUMBERS only)

3

Please list the names of the schools you are working with.

Dunbarton High School Maple Ridge Public School Glengrove Public School

What resources, if any, are you providing to educators?

We have a section for teachers on the City's website that provides them with a list of resources including activities, programs, educational links, and other helpful resources related to helping pollinators.

How many students and educators would you estimate are being reached? Please limit your answer to only number of adults and youths engaged in the answer field (e.g., 200 students and 20 educators).

Near 100

What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

Durham District Public School Board, Durham Catholic District School Board

How many acres of monarch and pollinator habitat have been planted through this effort? Please limit your answer to only the number of acres in the answer field below (e.g., 0.5 acres). For reference, 1 acre = 43,560 square feet and is about the size of a football field without the end zones. Note: 1 acre = roughly the size of a football field.

0.01

What is the maintenance schedule to ensure planted habitat is maintained?

Watering the garden when required.

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