

Township of King

King Township, ON

Mayor Steve Pellegrini

Pledge Summary

The Township of King is one of the nine municipalities that make up the Regional Municipality of York. With a total area of 339 km² the Township is home to some of the province's most scenic landscapes and country sides. The municipality falls within the Greenbelt and Oak Ridges Moraine and possesses a large amount of natural and ecological significance. The Township of King is committed to conserving and enhancing pollinator and monarch habitat through native wildflower plantings, wildflower and milkweed seed giveaways, educational workshops, signage, citizen science monitoring, programming as well as nature-based education. Participating in the Mayors Monarch pledge directly aligns with municipal priorities while also supporting Environmental Stewardship initiatives focused on educating and engaging residents and enhancing monarch and pollinator habitat.

Action Items Committed for 2023

Communications and Convening

- 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 city parks and recreation, public works, sustainability, and other relevant staff to identify opportunities to revise and maintain mowing programs and milkweed / native nectar plant planting programs.
- 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.
- 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.

- 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).
- 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.

Systems Change

- Remove milkweed from the list of noxious plants in city weed / landscaping ordinances (if applicable).
- Change weed or mowing ordinances to allow for native prairie and plant habitats.
- Launch, expand, or continue an effort to change municipal planting ordinances and practices to include more native milkweed and native nectar producing plants at city properties.
- Integrate monarch butterfly conservation into the city’s Park Master Plan, Sustainability Plan, Climate Resiliency Plan or other city plans.

Past Pledge Archive

Mayor Name	Program Year	Pledge Date	Achievement
Mayor Steve Pellegrini	2026	1/27/2026	
Mayor Steve Pellegrini	2025	3/10/2025	Leadership Circle
Mayor Mayor Pellegrini	2024	3/8/2024	Leadership Circle
Mayor Steve Pellegrini	2023	3/21/2023	Leadership Circle
Mayor Steve Pellegrini	2022	1/17/2022	Leadership Circle
Mayor Steve Pellegrini	2021	12/7/2020	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 (e.g., 50).

511

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.” (Only allow numerical values.)

unable to specify

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).

0.03

Where is your habitat being created? This may include residences (yards, containers, balconies, etc.), schools, places of worship, rights-of-way, roadsides, community gardens, culturally-significant locations, shared public spaces and common areas or parks.

Private residences, parks (public land), open spaces and conservation land, municipally owned facilities

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

King is an inclusive organizations that provides engagement opportunities to all interested.

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

Desire to increase awareness throughout the community and create habitat to support monarchs

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?

funding opportunities to create butterfly gardens, free milkweed seeds

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

Everything we have completed has been addressed in this final report

Selected Action Items

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?

How many plants were planted?

Please describe your effort in completing this action.

Remove milkweed from the list of noxious plants in city weed / landscaping ordinances (if applicable).

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.

Launch, expand, or continue an effort to change municipal planting ordinances and practices to include more native milkweed and native nectar producing plants at city properties.

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.

Engage with city parks and recreation, public works, sustainability, and other relevant staff to identify opportunities to revise and maintain mowing programs and milkweed / native nectar plant planting programs.

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

LEAF partnership plantings LSRCA/Neighbourhood Network Spring Tree Plantings Ontario Streams Seneca College Environmental Landscape Management Program Nobleton Public School Planting at Tasca Park TRCA =6

Please describe the extent of engagement with these groups and revisions/maintenance implemented for mowing or planting programs.

The Township has continued to commit to mowing parks more strategically to do our part for the environment. Implementation of the Don't Mow, Grow Initiative directly supports changing mowing ordinance to enhance natural habitats. Transforming our approach to land use on municipal property by implementing changes such as reduced mowing will help support pollinator habitats and increase natural coverage. Implementing the Don't Mow Grow initiative directly aligns with several municipal priorities which include the King Climate Action Plan, Mayors Monarch Pledge, Bee City Certification, and the Community Services Master Plan. The no mow areas provide opportunity for habitat enhancement and may be subject to native tree, shrub and wildflower plantings which in turn increases pollinator habitat, canopy coverage, and support biodiversity further. Staff will continue to identify new spaces such as parks, trails, and open spaces annually that would be suitable and benefit from reduced mowing. Education and training are offered to park staff annually during the spring prior to the start of mowing. Signage has been installed at each of the target locations to educate and inform park and trail users of the initiative. In addition, ThinkKING Green has been developed to expand upon and replace the Township's current Sustainable King: Green Development Standards Program. ThinkKING Green builds upon the Sustainable King: Green Development Standards Program by introducing a new Principle Area to the Program, and a number of new sustainability metrics. The Program also provides a new method for evaluating the sustainable performance of new development through the assignment of a Sustainability Score. ThinkKING Green implements the sustainability policies outlined in the Township's Our King Official Plan and aligns with the goals of the Township's Corporate Strategic Plan. The Program is also proposed to apply to all Site Plan Development and Draft Plan of Subdivision Applications to ensure that all new development aligns with the Township's vision of a sustainable, healthy and resilient community. ThinkKING Green encourages all new development to protect and enhance the natural environment while utilizing efficient, innovative and sustainable measures. The sustainability metrics propose to reduce the environmental and carbon footprint of developments by incorporating alternative energy sources, innovative landscaping, and green technologies. The metrics also promote the identification, protection, enhancement, and restoration of the natural environment. New metrics have also been included to support the development of healthy communities one of which includes number 4.6 Supporting Pollinators. This encourages the integration of native plant material into landscape plans which further supports the enhancement of pollinator habitat.

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.

1. Lake Simcoe South Master Gardeners 2. Nobleton/King City Garden Club 3. Schomberg Horticulture Society 4. Schomberg Community Farm 5. King City Community Garden 6. King Heritage & Cultural Centre 7. King Township Public Library 8. Pollinator Partnership- Wildflower Planting at Cold Creek Conservation area 9. Seneca College Environmental Landscape Management Program- planting 10. King Camps

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

The Township of King provides support and works collaboratively with various community groups and organizations to educate, offer workshops, share programming, resources, consultation, and project support that encourage monarch butterfly conservation. During 2023, the Township of King engaged the Schomberg Horticulture Society to act as a location to view and pick up tickets for the annual Garden Tour. This allowed staff to distribute resources (including milkweed seeds) to participants and showcase a pollinator restoration project at Cold Creek Conservation Area staff recently implemented. In addition, the Lake Simcoe South Mater Gardeners hosted a series of free workshops to the community. Environmental Stewardship also partnered with the King Heritage & Cultural Centre to support the Flight of the Monarch exhibit which was launched on Flight of the Monarch Day.

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.

The Township of King, Environmental Outreach & Sustainability division of the Community Services Department works collaboratively with Planning and the Public Works Department to identify opportunities to integrate and support habitat enhancement and creation into guiding documents and existing projects. ThinKING Green- Green Development Standards implements the sustainability policies outlined in the Township's Our King Official Plan and aligns with the goals of the Township's Corporate Strategic Plan. The Program is also proposed to apply to all Site Plan Development and Draft Plan of Subdivision Applications to ensure that all new development aligns with the Township's vision of a sustainable, healthy and resilient community. ThinKING Green encourages all new development to protect and enhance the natural environment while utilizing efficient, innovative, and sustainable measures. New metrics have also been added to support the development of healthy communities one of which includes metric 4.6- Supporting Pollinators. This encourages developers incorporate the use of native plant material into site plan development and draft plans for subdivision applications which further support the enhancement of pollinator habitat. In addition, the Township of King Sustainable King Grant Program offers funding to assist community organizations with projects or initiatives that support the sustainability goals, as outlined in King's Sustainability Plan. King Township staff will consider funding projects that support enhancing and creating pollinator habitat. This year, one organization received funding through the grant program to create pollinator sensory gardens. The Township of King provides guidance to applicants and encourages projects that support and create monarch habitat throughout the municipality.

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

How many plants were sold and/or given away at your event?

300

How many people attended your event?

211

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

Schomberg Horticulture Society, Nobleton/King City Garden Club, Cold Creek Conservation Area, King Heritage & Cultural Centre

Facilitate or support a milkweed seed collection and propagation effort.

How many people attended your event?

150

What species were collected or propagated?

Common Milkweed, Butterfly Milkweed, native wildflowers such as wild bergamot, black eyes susans, pale purple cone flower, blazing star, coreopsis

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

Cold Creek Conservation Area

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

The Environmental Stewardship Coordinator works with the Cold Creek Conservation Area Recreation staff to conduct milkweed seed collection which is used for nature-based programming activities and camps offered onsite to youth and schools. A nature-based program called "Pollinator Pals" is offered to school groups and youth to provide participants with hands on experiential learning opportunities through habitat creation and enhancement and knowledge sharing. Activities incorporated into the program include learning about the lifecycle of the monarch butterfly, creating milkweed seed balls and distributing throughout the property, wildflower and milkweed germination and planting and monitoring monarch sightings. These activities are also incorporated into other nature-based camps offered by the Township including Little Green Thumbs.

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

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

[1.png](#)

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

[2.png](#)

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

King Township- King Heritage & Cultural Centre, King Township- Environmental Outreach & Sustainability Division, Lake Simcoe South Master Gardeners, Canadian Aviation & Space Museum

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

300

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).

On August 19th, Township of King Community Services staff launched a new exhibit at the King Heritage & Cultural Centre. The opening of the “On the Trail of the Monarch Butterfly” exhibit aligned with “Flight of the Monarch Day” encouraging the community to learn about the monarch butterfly migration and partake in a variety of interactive activities. The exhibit displayed stunning micro-photographic images and aerial photographic depicting the monarch butterflies amazing journey from Montreal to the Mountains of central Mexico. The exhibit also explored the life cycle of the monarch butterfly and showcased a variety of unique art installations from local artists to align with the monarch theme. In addition, live monarchs were brought on site to provide an interactive experience demonstrating the lifecycle of the monarch butterfly emerging from their chrysalises. Resources were shared and displayed throughout the exhibit to teach people about the importance of monarchs and how to create a butterfly friendly garden. The initiative, created by King Heritage & Culture Centre used the arts to bring awareness to pollinators and their habitat and the importance of protecting and creating pollinator habitat. Furthermore, the exhibit directly supported the Township of King’s Bee City Certification and Mayors Monarch Pledge actionable goals by engaging residents through an interactive educational experience promoting monarch and pollinator conservation as well as cultural awareness and recognition. The exhibit was open from August 19, 2023 to November 10th, 2023.

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.

[Cold Creek Wildflower PLanting with Seneca College 2- Oct 17 2023.jpg](#)

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

[6.jpg](#)

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

[7.jpg](#)

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

[8.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)

14125 11th Concession, Nobleton, ON L0G 1N0

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

Seneca College Environmental Landscape Management Program

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.

0.0056933

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).

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)

Pollinator Pals

How many schools, community groups, leaders, or centers were engaged in this effort? How many of these collaborations and partnerships are "new"?

15

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

Seneca College Environmental Landscape Management Local schools within King Township and the surrounding area.

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

Milkweed & Native Wildflower seed packages, information about funding opportunities, local volunteer opportunities for habitat creation, Bee City Certification Information, Citizen Science- Monarch Monitoring

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).

150 students and 15 educators

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

Pollinator Partnership Funding

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.

0.01

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

Watering as needed, bi weekly weeding and annual seed collection

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

What is the total acreage of land treated to remove invasive plants?

1289.8m²

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.

Invasive Species Management 2023 Cold Creek Buckthorn Removal in parking lot near Education Centre (362 m2) Cold Creek buckthorn removal with Ontario Streams along maintenance trail - 500 m2 Cold Creek buckthorn/multi flora rose removal for disc golf course creation 252.62 Cold Creek Garlic Mustard Pull -13.26m2 Dufferin Marsh - Phragmites spraying October 2023 (Patch # 1 92.58 m², Patch # 2 69.34 m² Cold Creek DSV tarping - Steve (6x6=3.3m2) Total management area: 1289.8m²"

Display educational signage at monarch gardens and pollinator habitat.

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

[No Mow Signage .JPG](#)

How many garden signs are being displayed and where are they located?

20

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

Informative signs are installed at each of the target mowing reduction locations throughout the municipality to help inform park users of the designated No Mow, Grow Zones. The target areas may be subject to native tree, shrub and wildflower planting.

Integrate monarch butterfly conservation into the city's Park Master Plan, Sustainability Plan, Climate Resiliency Plan or other city plans.

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

lead by the Township of King

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

in progress

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.

<https://www.king.ca/greendevlopmentstandards>

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

As municipal guiding documents and standards are created and refreshed new opportunities will arise to integrate the monarch butterfly conservation into Municipal Plans. To date, pollinator conservation has been integrated into the RethinKing: Green Development Standards Refresh and is also incorporated into the King Community Climate Action Plan which will be going to council for approval in Q1 2024.

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

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

During 2023, The Township of King worked collaboratively with various community groups to educate and encourage them to plant native species that support pollinators. The Environmental Outreach & Sustainability division staff distributed free brochures provided milkweed seeds to give away at the Public Libraries and presented to the King City/ Nobleton Garden club on Climate Smart Gardening and distributed free milkweed seeds packs to everyone in attendance. Staff also collaborated with the Lake Simcoe South Master Gardeners to offer a series of pollinator focused workshops to raise awareness about the importance of pollinators such as monarch butterflies. In addition, staff attended community events to distribute educational resources. The Township of King Environmental Outreach Sustainability staff promoted the Community Seed Saving Program & Lending Library in partnership with the King Township Public Library. In addition, all workshops and greening initiative programs such as the Green Yards Programs were promoted to local community garden groups which included the Schomberg Community Farm and the King City Community Garden.

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.

[Trail of the Monarch - updated postcard \(3.65 x 8.5 in\).pdf](#)

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

[Monarch Butterfly Workshop graphic .png](#)

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

[Green Yards Program \(1\).jpg](#)

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

[Attracting Pollinators to your Garden Workshop \(updated\).png](#)

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

To encourage the community to support pollinators and their yards, The Township of King Community Services Department launched a spring greening initiative called the "Green Yards Program". The Green Yards Program offers residents and non residents the opportunity to purchase rain barrels, backyard composters and native wildflower kits at an affordable cost. Wildflower kits include 10 native potted wildflowers, 1 pack of native wildflower seeds and gardening resources to help them get started. Species included Wild Bergamot, Cylindric Blazing Star, Lance Leaved Coreopsis, Common Milkweed, Black Eyed Susan, native sgrass and Pale Purple Coneflower. The Environmental Outreach & Sustainability division also offered a variety of free workshops which included a Pollinator Walk & Talk during National Pollinator Week at Cold Creek Conservation as well as offered a Monarch Butterfly Workshop in partnership with the Lake Simcoe South Master Gardens which coincided with Flight of the Monarch Day. The Environmental Outreach & Sustainability division also distributed free milkweed seed packets at community events led by the Township and the Schomberg/Nobleton Garden Tour. The Workshops were promoted through social media channels, the local newspaper, the Township of King website and through poster distribution. In addition, the King Heritage & Cultural Centre offered a Flight of the Monarch Exhibit. The Flight of the Monarch Exhibit allowed people to explore and learn about the monarch butterfly's migration coupled with a free presentation hosted by the Lake Simcoe South Master Gardeners. Accomplished presenter, Ashley Gatto will provide a special presentation on monarch butterflies and participants learned how to attract monarch and other pollinators to their garden. Pollinator education was incorporated into various nature-based programs offered to youth and school groups and through King Camps at the Cold Creek Conservation Area. Participants learned about the lifecycle of the monarch butterfly, what they can do to help and helped to plant native wildflowers and distribute milkweed seeds at Cold Creek CA. The Township of King, Environmental Stewardship and Parks Department continued to implement the Mowing Reduction initiative which is focused on converting select areas of Township owned land covered by turf grass into naturalized areas that will enhance the landscape and support pollinators. Several of the designated mowing reduction locations were subject to native trees and shrub plantings.

Change weed or mowing ordinances to allow for native prairie and plant habitats.

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

Lead by the Township of King staff

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

in progress

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.

ongoing initiative. Launched in 2021.

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

The mowing reduction initiative is considered "in progress" as it is an ongoing operational initiative that allows staff to annually identify new locations that may be suitable for mowing reduction and restoration planting. In terms of process, The Mowing Reduction Initiative focuses on converting selected patches of maintained grass on public land into naturalized areas. Strategic locations have been identified throughout King to eliminate mowing and expand existing natural areas. Reducing mowing in these areas supports biodiversity, reduces greenhouse gas (GHG) emissions and helps manage storm water, while also contributing to municipal priorities. Out of the 9 mowing reduction locations, 8 have been planted with native trees, shrubs and wildflowers. Total Mowing Reduction Area: 111,409.35 sqft ESTIMATED REDUCTION IN GASOLINE CONSUMPTION ANNUALLY 690.88 LITRES EMISSION FACTOR FOR MOWING 0.012793 Kg of CO₂e/ sqft of mowed grass. Total Mowing Area of King Township parks: 3,114,607.00 sqft MOWING REDUCTION AS A % OF TOTAL AREA= 4% EMISSIONS REDUCED BASED ON MOWING REDUCTION AREA 1,425.36 KG of CO₂e EMISSIONS BASED ON TOTAL MOWING AREA: 39,845.17 KG of CO₂e

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 (e.g., 150).

63

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

Lead by the Township of King

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

The Township of King Community Services Department supports community science efforts that help monitor monarch migration and health. During the summer of 2023, the Environmental Outreach & Sustainability secured a coop student who assisted with various Environmental Stewardship projects and initiatives. The student was responsible for conducting monarch monitoring and submitting data to monarch mission regarding the monarch butterfly and caterpillar siting at Cold Creek Conservation Area. In addition, volunteers as well as the student helped with the collection of milkweed seed pods to utilize for future seed distribution throughout the Township.