City of Plano

Plano, TX

Mayor John B. Muns

Pledge Summary

The City of Plano is home to close to 285,000 residents and is located just north of Dallas. Plano is recognized as a leader in sustainability, as shown by their 2023 CDP Report where they scored an A. Plano is currently pursuing the National Wildlife Federation (NWF) Community Wildlife Habitat Certification. There are currently hundreds of wildlife habitats already located throughout the City including many Monarch habitats.

Action Items Committed for 2023

Communications and Convening

- 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 Homeowners Associations (HOAs), Community Associations or neighborhood organizations to identify opportunities to plant monarch gardens and revise maintenance and mowing programs.

Program and Demonstration Gardens

- 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).
- Earn or maintain recognition for being a wildlife-friendly city by participating in other wildlife and habitat conservation efforts (i.e., National Wildlife Federation’s Community Wildlife Habitat program).
- 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.
- Increase the percentage of native plants, shrubs and trees that must be used in city landscaping ordinances and encourage use of milkweed, where appropriate.
- 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.

Past Pledge Archive

Mayor Name	Program Year	Pledge Date	Achievement
Mayor John Muns	2026	2/6/2026	
Mayor John Muns	2025	12/4/2024	Leadership Circle
Mayor John Muns	2024	1/16/2024	Leadership Circle
Mayor John B. Muns	2023	2/8/2023	Leadership Circle
Mayor John B. Muns	2022	2/28/2022	Leadership Circle

Action Items

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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.).

423

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.)

453 adults

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.

.25

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.

Community Garden

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

We have not used the Mayors' Monarch Pledge in this way but hope to promote it more in 2023 to the community.

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

Our community is devoted to sustainability and protecting the environment which we believes includes protecting pollinators.

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?

Resources on planting for pollinators is always welcomed and helpful

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

We are working hard complete the NWF Community Wildlife Habitat certification.

Selected Action Items

Engage with Homeowners Associations (HOAs), Community Associations or neighborhood organizations to identify opportunities to plant monarch gardens and revise maintenance and mowing programs.

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

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

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? Note: 1 acre = roughly the size of a football field.

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.

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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.

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?

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.

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.

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 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.

PCG Flowers (1) Aug. 2019.jpg

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

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We run a community garden at the City of Plano that has a pollinator prairie, as well as, several pollinator beds throughout the garden. https://www.plano.gov/636/Plano-Community-Garden

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.

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

7.jpg

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

Master Gardeners as well as Live Green in Plano volunteers help over see our seven different locations and the 1,851 participants of this event visiting the gardens.

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

We partnered with the Master Gardeners of Collin County to help support our garden tour event, WaterWise Landscape Tour. This year, the theme was supporting wildlife and we had over 20 Master Gardener volunteers. Here is the website that includes several resources: https://www.plano.gov/541/WaterWise-Landscape-Tour.

Facilitate or support a milkweed seed collection and propagation effort.

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

SEED Library.png

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

300

What species were collected or propagated?

Antelope Horn

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

Live Green in Plano Volunteers and other Plano residents

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

At our Environmental Education Center (EEC) we have a Seed Library where residents can come collect seeds to propagate and plant in their garden. These seeds include milkweed and other nectar producing plants. The Seed Library is incredibly popular in the community.

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.

WWLT2022_PlantHandout_EEC 2.pdf

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)

Environmental Education Center Garden (4200 W. Plano Pkwy)

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

We partner with hundreds of volunteers annually to maintain this demonstration garden. Some of these groups include Live Green in Plano, Master Gardeners, Local Corporate Groups (Toyota, Total Wine, Bank of American, etc) and non-

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corporate groups (high school and university groups).

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.

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Earn or maintain recognition for being a wildlife-friendly city by participating in other wildlife and habitat conservation efforts (i.e., National Wildlife Federation's Community Wildlife Habitat program).

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

registered_certificate (2).pdf

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

We are in the process of becoming a NWF Certified community and we are constantly partnering with groups to achieve this.

What program was launched or maintained to complete this effort? (Please include a link to the program, if possible)

Our Live Green in Plano program continues to oversee these efforts along with several other sustainable programs.

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

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

PCG Flowers May 2021 (2).jpg

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

Live Green in Plano Volunteers

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

50

Please describe your effort in completing this action.

Our Plano Community Garden (https://www.plano.gov/636/Plano-Community-Garden) continues to plant and maintain a variety of plants that help to support pollinators. This includes nectar producing plants and milkweed in the pollinator prairie that is about an acre next to the individual garden plots and orchard at the garden.

Display educational signage at monarch gardens and pollinator habitat.

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

Monarch Waystation.png

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

2

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

We have monarch way stations at our Oak Point Nature Center and another monarch waystation sign at our NWF Site at Carlisle Elementary School.

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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.

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

Certified_Wildlife_Habitat_List_12062023.xlsx

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

City of Plano Parks

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

We have 37 different parks and schools in the City of Plano that are currently NWF habitats (see list attached). Program#:~:text=The%20Green%20School%20Program%20is,cornerstone%20for%20school%20sustainability%20efforts.)

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).

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

McCall1.jpg

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)

Plano Green School Program

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)

16

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

We also have 16 different schools that are currently apart of our Green School program (https://www.plano.gov/582/Green-School- Academy Andrews Barksdale Beverly Boggess Hedgcoxe Jasper Mathews McCall Memorial Murphy Plano East Plano West Rice Robinson Saigling

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

We have a website with resources on recycling (https://www.plano.gov/582/Green-School-Program) but we also provide gardening resources on our website here: https://www.plano.gov/537/Garden-Green-in-Plano

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).

400 - We estimate around 25 students per school are directly involved with our program

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

Plano PTA, Plano Independent School District and Live Green in Plano

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.

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

At McCall Elementary they have a garden that is maintained weekly by the schools Green Team. At other schools, the gardens are typically maintained seasonally.

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