City of Satellite Beach

Satellite Beach, FL

Mayor Steve Osmer

Pledge Summary

Satellite Beach is a city of roughly 11,000 residents and 2.92 square miles, located on the Space Coast, just several miles south of Cape Canaveral, in Brevard County. The City is on a barrier island, sandwiched between the Indian River Lagoon and the Atlantic Ocean, and is home to a 52-acre island nature preserve and over 17 acres of coastal conservation land. Additionally, Satellite Beach has created a demonstration garden in front of City Hall consisting of over 8,000 square feet of native plants. Mayor Steve Osmer of Satellite Beach, FL has committed to saving the monarch butterfly and other pollinators with their signing of the Mayor's Monarch Pledge and looks forward to engaging residents in enhancing and expanding pollinator habitat throughout the city.

Action Items Committed for 2023

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.
- 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.

Program and Demonstration Gardens

- Host or support a native seed or plant sale, giveaway or swap.
- Plant or maintain a monarch and pollinator-friendly demonstration garden at City Hall or another prominent or culturally significant community location.
- Plant milkweed and pollinator-friendly native nectar plants along roadsides, medians, or public rights-of-way.
- 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

- 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.
- Integrate monarch butterfly conservation into the city's Park Master Plan, Sustainability Plan, Climate Resiliency Plan or other city plans.
- Reduce or eliminate the use of herbicides, pesticides, or other chemicals that are harmful to monarchs and pollinators and urban wildlife.
- Launch, expand, or continue one or more ordinances to reduce light pollution to benefit urban wildlife.

Past Pledge Archive

Mayor Name	Program Year	Pledge Date	Achievement
Mayor Steve Osmer	2023	2/13/2023	Leadership Circle

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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.).

50

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.)

22 youth and 28 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.

1

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, parks

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

Our program reaches out to the entire community.

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

Our community places a high value on our native ecosystem and is working toward a Community Wildlife Habitat certification. The pledge is one part of that process.

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?

Educational resources to share have been most helpful. Interpretive signage that can be used in our pollinator patch and other plantings would be helpful, whether a template to print up on our own or signs available to purchase.

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

Our city staff has been working to remove tropical milkweed and replace it with native milkweed. Our city landscaping is being converted to native plants to better serve all wildlife.

Selected Action Items

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 Patch blurb.docx

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

Pollinator Patch workday finished patch 2023.10.21.jpg

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

Pollinator Patch workday group photo 2023.10.21.jpg

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

Pollinator Patch workday rock habitat area 2023.10.21.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)

Logos Community Garden in Desoto Park, 499 Desoto Parkway, Satellite Beach FL

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

Beautification Board, Sustainability Board, Youth Council, city staff, Recreation Department, middle-school students

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.

.01

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.

Action 16 for 2023 Mayors Monarch Pledge.docx

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

City Council, City Staff, Sustainability Board, Beautification Board, local schools, church groups, Youth Council, Florida Master Naturalists, Florida Native Plant Society, Patrick Space Force Base volunteers

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

Satellite Beach Community Wildlife Habitat Program

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)

1

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

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Currently the signage says pollinators at play and describes the value of pollinators. The city currently is designing/searching for appropriate educational signage for our new pollinator patch. Target date to be installed is spring 2024.

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:

May 3, 2023

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

Mayors' Monarch Pledge Day

Upload a copy of your proclamation.

Mayors' Monarch Pledge proclamation 2023.jpg

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.

Action 4 for 2023 Mayors Monarch Pledge.docx

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

Community Garden Pollinator Patch Proposal.pdf

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

Satellite Beach Beautification Board, Satellite Beach Sustainability Board, Satellite Beach Youth Council, Florida Native Plant Society, Florida Master Naturalists Space Coast Chapter, middle-school student volunteers, church groups

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

The boards were involved in supporting and implementing the actions chosen and taken. The other groups volunteered time, resources and knowledge to make the projects a reality.

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

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

Earth Day Event Map 2023 v2.jpg

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

Earth Day Flyer 2023.jpg

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

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SB Earth Day 2023.jpg

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

50

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

250

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

Our Earth Day/Coastal Fair event is done with multiple partners with the Sustainability Board and Beautification Board taking the lead.

Launch, expand, or continue one or more ordinances to reduce light pollution to benefit urban wildlife.

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

Sustainability Board, Sea Turtle Conservancy, Sea Turtle Preservation Society

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

Complete

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://library.municode.com/fl/satellite_beach/codes/code_of_ordinances?nodeId=PTIICICO_CH26EN_ARTXSETUNELIRE

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?

Sustainability Board, Beautification Board, ORCA nonprofit group, middle-school students, Youth Council, church groups, Florida Master Naturalists, Florida Native Plant Society

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

30

Please describe your effort in completing this action.

When the native vegetated buffered shoreline was planted in Desoto Park in March 2023, clumps of native milkweeds were incorporated. At the Pollinator Patch, which was planted in October 2023, the decision was made to save native milkweeds for spring planting as they would go dormant about the time of planting. For the shoreline, a volunteer planting day was held and volunteers turned out to plant more than 350 native plants.

Plant milkweed and pollinator-friendly native nectar plants along roadsides, medians, or public rights-of-way.

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Where are the medians, roadsides and public rights-of-way? (Please provide an address or coordinates, if possible, or describe the location)

This effort is still in the planning stages but will be done in rights-of-way throughout the city limits. Some plants have been added where tropical milkweed has been removed.

How many milkweed and pollinator-friendly native nectar plants were planted? (Enter WHOLE NUMBERS only)

5

What is the total acreage of median and public right-of-way that has been planted with milkweed and pollinator-friendly native nectar plants? Note: 1 acre = roughly the size of a football field.

.01

Please describe the maintenance schedule for these planted areas.

Public Works staff maintains these areas as part of their regular work schedule.

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.

60

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.

This is a continuing program in our nature conservation areas. Invasive species are removed to allow increased biodiversity and not shade out the flowers and grasses. Minimal herbicide is used; vegetation is cut and/or dug up and removed. When possible, plants are replaced with a native version--invasive lantana replaced with Florida native lantana involucrata.

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

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

Sustainability Board, city 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 In Progress, please describe your progress and a target date when you plan to complete action.

The city no longer uses glyphosate on city properties. This is done by resolution. The Public Works staff has reduced the use of sprays and actively is seeking alternatives for all chemicals and fertilizers on city properties. Some areas, such as ballfields, have been more challenging.

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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?

Sustainability Board

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

Complete

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://satellitebeach.gov/residents/sustainable_satellite/sustainability_action_plan/sustainability_action_plan.php

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?

Beautification Board, Sustainability Board

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

More native plants are being included but a written policy has not been completed. Target date 2025.

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?

Sustainability Board

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

These ordinances are being updated and reviewed by city staff; target date to complete 2024.

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

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

Beautification Board, City Council, Sustainability Board

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

Our city ordinances allow for this to some degree; further review planned to meet this goal. 2025

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